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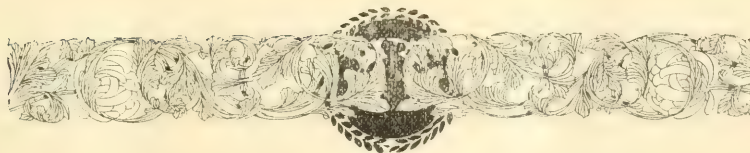
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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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Second National Flower Show, Boston, Mass.,
March 25-April 1, 1911. Chester I. Campbell,
Manager, 5 Park square, Boston, Mass.
Annual Convention at Baltimore, Md., August,
1911.

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Our Supplements

Subscribers should see that they get copies of
the fine supplementary illustrations showing
high grade design and decorative work. These
fine supplements should be carefully pre-
served, as they mean much to the retail florists
in dealing with their customers, illustrating as
they do the various kinds of work that the
everyday florist is called upon to perform.

The papers in which the supplements appear
should be likewise preserved, as they contain
much valuable data with regard to these special
illustrations. Subscribers should see that they
get every issue as otherwise they may miss
some of this high grade work.

HALF HOUR CHAPTERS FOR PLANT GROWERS

Gardenias.

The gardenia seems to be regaining
its popularity with the better class of
trade and is being used more and more
in the finest lines of work. They are
not at all difficult to grow but require
plenty of heat and are the prey of in-
sects, especially scale and mealy bug,
and must be carefully watched. They
are strong feeders and should be grown
in good rich soil and when blooming
require frequent waterings of liquid
manure. The greatest trouble encoun-
tered by growers is the dropping of
buds which often occurs during the
winter season. This is invariably
caused by a check in the growth of
the plant or a dropping of the temper-
ature. The propagation of these
plants may be started at any time
after the first of the year and as they
require plenty of bottom heat to suc-
cessfully root, is better done while
heavy firing is in progress. The cut-
tings should be made from good strong
healthy growths, not too hard, but of
ripened wood. A little spagnum moss
may be added to the sand and a bot-
tom heat of 85° maintained. The cut-
tings should be kept very close and
shaded for a week or two and sprayed
several times daily, and under these
conditions almost every cutting will
root in three or four weeks.

Palms.

After the Christmas holidays the
palms should be given a thorough look-
ing over and cleaning. Those that
have been used for rentals will need
to be trimmed up and washed, for they
are sure to be damaged more or less in
handling and become very dirty where
they are placed in halls, especially if
used for decorations where dancing is
one of the features. Care should be
taken in washing palms not to pinch
the leaves too hard or damage may be
done them. We remember placing a
young helper at this work and among
the plants washed was a boarder a
Cycas revoluta that had a few scale
upon it, and in removing them he
pinched the pinne so hard that many
of them turned white. In trimming
damaged palms only cut out what is

actually necessary to make the plant
look well. We have seen men do this
who ruthlessly cut off whole leaves
when only a small part was damaged.
This is entirely unnecessary for the
palm is a very slow grower and when
cut this way will take years to make
a presentable plant and in some cases
is ruined forever.

Small Ferns.

The last few years has seen a great
call for small ferns to fill the many
orders for fern dishes and in making
up baskets of potted plants. To the
ordinary grower who only uses a few
hundred it will probably be far better
to buy the stock when small and grow
them on. They can be purchased in
mid-summer quite cheap and can be
potted and are easily cared for from
that time on until wanted in the fall
or early winter. But to those that
would like to raise their own, if they
have a good warm moist house it is
not difficult. The soil should be thor-
oughly sterilized, preferably by steam,
having been first sifted and then
placed in shallow seed pans with good
drainage. The soil should be well wa-
tered and the fern spores spread upon
the top. The pan should then be
placed in warm close quarters and covered
with a light of glass to prevent
evaporation, and this should remain on
the pan until the fern leaves begin to
show. The top of the soil should never
be watered. The pans if possible
should be kept where they will not
dry out. Standing on wet ashes in
a closed case is the preferable po-
sition, but should they dry out the pan
can be placed in a dish of water, al-
lowing it to stand long enough to
absorb water until the top of the soil
is wet. After the spores have been
planted about two weeks there will
appear what looks like a green scum
on the soil, and care should be taken
that this is not disturbed, for from it
will be later seen the small fern fronds
grow. After the plants have reached
a height of half an inch they can be
pricked out with a pointed stick a
number together and placed in flats,
still being grown warm and later in

the season again divided and reset. In early summer they will have shown their true character and can then be divided into single plants and placed in 2½-inch pots and grown on for the fall trade.

Gladioli.

While we do not believe in planting other crops into the carnation or rose benches where those planted are doing well, for if they are, they will need all the room and nourishment that the bench will provide, but it often happens that a section of the bench is not producing as well as it ought, or perhaps some new variety is not proving a success, then a catch crop is of great avail and will make up a little for the loss. Gladiolus bulbs are a splendid thing to use in such a place. Get the light colored varieties and in case there is an outlet for extra grade flowers procure the best strains like America which make beautiful spikes of bloom when grown in the greenhouse. These bulbs can be planted between the rows of the other plants just below the surface and will only require that they be kept growing straight. Bulbs planted now should be in bloom in May.

Stocks for Decoration Day.

Where there is a demand for cheap bouquets and bunches for Decoration Day, stocks make one of the most useful plants to grow. While these are commonly known as ten weeks stocks, yet the better varieties will take much longer than that to grow and get any quantity from each plant. The colored varieties will take from two to three weeks longer than the white. To be sure and have them in bloom for that day the seed should be sown before February 1 and the colored varieties a little earlier. As soon as the seedlings are large enough they can be planted out in flats where they will grow much better than in pots and about the first of April planted into the benches. When the center bud shows itself this should be pinched out, causing the plant to throw fine long spikes of flowers.

Dahlias.

The grower of Dahlias will be sure to have some varieties that he is desirous of increasing his stock more rapidly than by the division of the roots, and one of the easiest and most rapid ways is by rooting cuttings. The old roots can now be planted out in a bench and they will shortly send up young shoots. These can be cut off and made into cuttings and being placed in a warm propagating bench will very readily root, when they can be potted in small pots and grown on and will give nice plants for the summer planting. This makes a very nice way to grow plants for sale, for small pot-grown plants are very easily and safely shipped.

PITTSBURG, PA.—A state charter has been granted the Neff National Floral Co. at Bellevue, with a capital stock of \$75,000.

BELLINGHAM, WASH.—The dwelling house and greenhouse of S. M. Wile were destroyed by fire January 12, which originated from an overheated furnace. They will be rebuilt as soon as all settlements are made.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Value of Our Supplements.

One of the features of the play, "The Fascinating Widow," presented by Julian Eltinge, is a wedding scene. While performing at Cleveland, O., Mr. Eltinge visited the store of the Jones-Russell Co. and inquired if it would be possible to have made a floral wedding ring. He was told that it would and was shown the beautiful illustration published in THE AMERICAN FLORIST, issue of January 7, as a supplement. He immediately ordered one made like the ring illustrated, which was the first wedding ring ever carried in a procession in Cleveland. This only proves the value of these beautiful suppl-



Z. D. Blackistone.

ments and the manner in which they can be used to great advantage. The ring was displayed in the store window and attracted great attention.

Plant Baskets.

SEE SUPPLEMENT WITH THIS ISSUE.

The demand for plant baskets reported from all parts of the country during the holiday season, is proof that the arrangement of plants in this manner is appreciated by plant lovers, and is a very important factor in the increasing business. Baskets of all the different shapes and sizes lend themselves to arrangements which can be very handsomely combined, and they can also be procured in many materials and colors, but care should be taken that the color of the basket harmonizes with the colors of the plants used. A pan of zinc should be made to fit the basket, if one does not accompany it, and the plants set in this and filled around with soil and then thoroughly watered. The demand for these baskets, although of course greater at Christmas and Easter when so many blooming plants are sold, yet there is a constant demand throughout the season for well put up combinations, which gives the plantsman an opportunity to attractively present plants that would not find purchasers as specimens. In making up these bas-

kets there is an opportunity to use plants that have grown one sided or those that the foliage has been lost at the base, the use of small ferns and other decorative stock furnishing that in which the plant is deficient. No special directions can be given in regard to the plantings of these baskets, for the plantsman can use all of the blooming plants at his disposal, care being taken, of course, to have the colors harmonize, not only with the baskets, but with each other, and although the customers as a rule are very partial to the baskets that are filled to overflowing, yet if fine specimens are employed, an arrangement not overcrowded, but with enough ferns to properly finish them, is much handsomer. A single flowering plant with other highly colored foliage plants is a very effective arrangement, and not so expensive as where a wealth of flowering plants are used. With the handle baskets, a bow of ribbon gives the arrangement a finishing touch that is greatly appreciated, but care must be taken in the selection of the color of the ribbon, and that this feature is not overdone. It can be carried to such an extreme that it detracts rather than adds to the beauty of the offering. These plant baskets are not necessarily all made up expensively, for there can be obtained small shallow willow baskets of the sizes that will hold the several bulb pans and a pot of Von Sion narcissus or tulips placed in one of these coverings is very attractive and they materially help the sale and add but little to the expense. A few branches of boxwood placed in the soil around the edge of the pot is a great addition, and will last as long as the plant. The supplement with this issue illustrates a beautiful handle basket of spring flowering plants nicely finished and decorated with bows of gauzy ribbon, and is a handsome example of this kind of arrangement.

Bargain Sales.

Referring to the question of "Bargain Sales," which was dilated upon from a retailer's standpoint in the issue of THE AMERICAN FLORIST of December 3, page 922, we have just had the pleasure of an interview with the foremost flower merchant of the country, Chas. Thorley, 562 Fifth avenue, New York city.

Mr. Thorley's broad-minded and distinctive business methods have led to great achievements in the artistic floral world; his name is famous in flower circles from the Atlantic to the Pacific. His knowledge of the ins and outs of all that pertains to the final disposing of things that are grown for beauty and adornment is probably without an equal, hence, when we get his opinion on things connected with the trade, we are getting something of real value.

Asked as to the effect of bargain sales of flowers, Mr. Thorley said: "When flowers can be placed in the hands of the poor, by selling them cheaply at bargains, I look upon it as a work of charity, and no harm, but good, is accomplished. I would rather see the flowers actually given away for that purpose, however; in fact, I would subscribe liberally towards a fund that would be used for the purpose of purchasing the surplus flowers in times of flooded market conditions, and distributing them to the poor.

Considering the large amount of money invested, ours is the worst organized industry of any, worse than the peanut industry. The methods used by growers in disposing of their flowers is mainly responsible for these bargain sales; prices are juggled with, according to the whims, or beliefs, of middlemen. Retailers who are onto their business have fairly accurate knowledge of crop conditions and refuse to respond to the tactics of the middleman when prices are made exorbitant; the result is quickly seen in the over-supplied market, and the speculator, or department bargain sale man, sees his opportunity and grabs it. Understand, this does not affect me in the least, and, personally, I don't care what other people are doing, but there will never be a satisfactory solution of the flower-buying problem until there is an open market where growers or their own agents present what they have for sale each morning, where they will sell for actual cash only, and sell everything out clean each day. When this method is adopted, values will be steadier all around and in their proper ratio as governed by the law of supply and demand. Until that time we shall continue to be harassed by the at present prevailing method of inflating values according to the supposed necessity of the retailer, rather than to the actual supply in the market."

Mr. Thorley has observed closely the conditions that prevail in the markets of England, France and Germany, and knows whereof he speaks and, we think, our readers will appreciate the fact that the above quoted remarks are quite pertinent to the question.

Preparing Greenhouse Soil.

ED. AMERICAN FLORIST:

I have 125 loads of sod taken from a meadow, and plenty of cow manure and also dry sheep manure. What is the best way to prepare this for the greenhouse to grow carnations and chrysanthemums? How much air slacked lime should be added? Should the sheep manure be mixed with the soil in the spring or when filling the benches? SPECTATOR.

The best way to prepare soil for greenhouse purposes for carnations and chrysanthemums is by composting it in the fall if possible, if not, early in the spring. The proportions should be one-fourth cow manure to three-fourths sod. Make a layer of the sod about nine inches deep; on this scatter a layer of air slacked lime, enough to make it white, then put on three inches of manure. Then nine inches of soil and again the manure, making the pile about five feet high, which is as high as can be conveniently worked. In making such a compost heap it is better to keep the sides nearly straight and the top flat so that it will not shed the rain, but allow it to soak in. When filling the benches the soil and manure should be thoroughly mixed and the sods broken up. If the soil is very black and heavy it will probably stand considerable more lime. The sheep manure can be used as a mulch, on the carnations during the late winter and spring when the plants need a stimulant, and on the chrysanthemums when they set their buds. W.

ROSWELL, N. M.—Frans O. Sander-son, formerly with the Alameda Greenhouses, is now in charge of the new greenhouses of the Roswell Floral Co.

PEOPLE WE KNOW.

Jackson T. Dawson.

In awarding the second George Robert White medal to Jackson T. Dawson, the Massachusetts Horticultural Society has honored and recognized the ability and work of one of the greatest and most successful horticulturists in this country. This medal, illustrated in THE AMERICAN FLORIST, issue of December 10, 1910, page 978, is of gold, and is awarded to the man or woman, commercial firm or institution, in the United States, that has done the most during the year or in recent years, to advance the interest in horticulture in its broadest sense. The first award having been made last year to Prof. C. S. Sargent, director of the Arnold Arboretum, in recognition of his eminent service in horticulture.



Jackson T. Dawson.

Second Recipient of the White Medal Awarded by the Massachusetts Horticultural Society, January 7, 1911.

Mr. Dawson, in the propagation, culture and knowledge of trees and shrubs, has shown himself a genius and has acquired note not only in America but all over the world. He first saw the light of day in York, England, in 1841, coming to America when he was eight years of age and went to live at Andover, Mass., with an uncle who had a nursery, and as a boy was a great student of plant life when working on his uncle's property. A few years later he became associated with the Hovey establishment at Cambridge, Mass., at that time one of the noted nurseries of America. At the breaking out of the Civil War he enlisted and went to the front where he honorably served his adopted country. During his service in the south, he studied closely the flora of that section of the country and gathered and sent home many seeds.

In 1871 he accepted a position under the late Francis Parkman, at the school of horticulture of the Bussey Institute. Two years later, Dr. Parkman was succeeded by Prof. C. S. Sargent, with whom Mr. Dawson has labored ever since in raising and cultivating the trees and laying out the

grounds of the Arnold Arboretum. Here he has propagated hundreds of thousands of trees and shrubs, many of which have been distributed and decorate the parks and grounds of this country. His knowledge of trees and shrubs, and his ability as a propagator and in grafting, has given him a noted reputation among the horticulturists of the world. As a hybridizer of roses, especially with the multiflora, rugosa and Wichuraiana types, he has produced many valuable seedlings for which he has received various medals. His life work has been the development of the Arnold Arboretum, the greatest tree garden of this country. He is an ardent member of the Grand Army of the Republic, past president of the Boston Gardeners' and Florists' Club and has served the Society of American Florists as a member of the executive committee. He is one of the most genial and affable men to meet and can count his friends by the hundred who will be pleased to know of the honor bestowed upon him.

Z. D. Blackistone.

Z. D. Blackistone, recently appointed vice-president of the Society of American Florists for the District of Columbia, though yet a young man, is a striking example of "sand" and business ability.

He was born in St. Mary's County, Maryland. After passing through the public schools he entered Charlotte Hall Military College, and graduated with honors in 1890. During the next two years he was engaged in various occupations, always having in mind a suitable field for life work.

In 1892 he took a position with the well-known firm of Gude Bros., of Washington, D. C., where he remained for seven years. While riding one day on a street car, he saw a vacant store on Fourteenth street, and it struck him that it would be a good location for a florist. He got off the car, went in and made inquiries, and without any premeditation or advice, agreed to pay \$10 for its use from October 15 to November 1. He says that up to that time he had saved but \$10, which was in the Union Savings Bank, at that time located next door to Gude Bros.' store. He withdrew the money and paid his rent. Although, like many other men, he had a hard struggle during the first years of his business career, he won out. In 1890, he removed to his present location, corner of Fourteenth and H streets N. W., where he has been eminently successful. His store is generally recognized as one of the most artistic of the many good stores of the capital city.

In addition to his fine business ability, Mr. Blackistone is noted for his suavity and good taste. He is married and has several children, and one of his notable characteristics is his fondness for his family.

A. F. F.

WILMINGTON, DEL.—H. P. Potter reports the holiday trade as about the same as done during Christmas, 1909. There was a good supply of roses, carnations and violets as well as bulbous flowers and the quality was better than last year, the prices ruling about the same. No marked increase in the demand for any special flower or plants was noted.

Florists' Hydrangeas.

The plants of Hydrangea Otaksa and other nearly related varieties of the old *H. hortensis* render the production of such fine specimens as those depicted in the illustrations herewith quite easy. Many growers do not take the trouble and time necessary to propagate and grow on plants but depend on stock purchased from other growers. Where the conveniences are not of the best this is decidedly the most profitable and best thing to do as they are soon grown and out of the way. The plants are usually bedded out in protectors and may be potted and started at any time, some growers making it a point to begin at the new year. Care is necessary in handling them not to break off the buds that are formed on the ends of the shoots as these contain the flowers in embryo and their loss means the loss of the flower trusses later.

Any good soil will do for the plants as it is easy to make up any deficiencies later by feeding with liquid manure, but it must be in good heart and firmly placed. After potting give one thorough soaking of water, enough to moisten every particle of soil, first standing them on a level floor, and when they have drained a little take them to a cool house. Here they should remain as long as possible in order to give the roots a chance to get hold of the new soil, but the time they can remain depends upon when they are needed. If they are wanted for Easter, which this year falls upon April 16, then they will have to go right into heat at once, moderate heat it is true at first, but still enough to start them growing or there will be no chance of having them on time. Memorial day plants may be kept in the cool house another couple of weeks and started, say the end of February. From 45° to 50° is warm enough at night for the first two weeks and after the growth gets well away then more heat can be applied as it is seen whether the plants are likely to be on time or not. It is much easier at the finish to keep the plants in good condition by taking them to a cooler and drier house than it is to force them into flower at the finish, very high temperatures leading to poor color in the flowers, so start in time.

As the growth develops it will be easy to see how the plants are coming out as to flower and shape, and a little manipulation of the growths early in the season is well repaid by the better specimens produced. Room again and light are important. Good specimens cannot be produced when the plants are stood close together and only moved apart when the foliage touches. Let them be so arranged that light and air reach every part of them and only start so many plants that there will be room for when fully developed. As the foliage develops, the roots naturally become more active and feeding will be necessary. Soot water is an excellent fertilizer if given in change with liquid made from shredded cattle or sheep manure and the plants will take a lot of it when the pots are filled with roots. They need it too as the great heads of flowers and the foliage make a great demand upon the roots which cannot be filled if the latter are tightly packed in poor soil. All through the growing season and until the flowers show color the heads must be sprayed daily, in ordinarily bright weather twice a day when

hot and the atmosphere must be kept moist by freely dampening around the pots and under the benches. These few simple details carefully carried out will enable anyone, no matter of how little experience, to grow this, one of the finest decorative plants, to perfection.

Are We Progressive.

Paper read by S. S. Skidelsky before the Philadelphia Florists' Club January 3, 1911.



If I could prove to the satisfaction of the craft that at the bottom of most of our failures lies the inexorable cause of ignorance, inefficiency and a disregard for the little details which go a good way towards the make-up of the sum and substance of a successful business undertaking—I should indeed be proud of my achievement. I shall not venture, however, to treat the subject in an exhaustive manner for fear that I might fail in the attempt.

With your permission I will read a letter which appeared a few months ago in one of our trade papers. It read: "Can you tell me what is the matter with my violets? I am enclosing a few leaves, and if you can give me any information regarding them it will be appreciated. I have a greenhouse 22x70, chiefly in violets, and there is something wrong with them. We also have our sweet peas in the same house, and I am enclosing some of them. They are not doing as well as they might. Will you tell me what to do with them? I am located in eastern Missouri." And this from a citizen of Missouri, who, according to the popular belief, should have been "shown" before he undertook the growing of violets and sweet peas—not after. I need hardly add that the Missourian in question represents a type not at all uncommon amongst us.

The question has often been asked, are we tradesmen or professionals? If I remember rightly, a paper on this subject has been read before, and de-

bated upon, in our own club. This question had often occurred also to me, as it has to many others, and the answer, if we pause long enough to consider it from every conceivable viewpoint, leads invariably to a counter question, namely, what does it matter, tradesmen or professionals?

The mere classification of a business, and a business it is with all of us, can neither enhance nor detract from its true merit. What should really concern us most is, are we competent, efficient and well-equipped to undertake an important work, and make a success of it without altogether trusting in our lucky stars? The Missourian who made a failure of his violets and sweet peas, and cannot even tell what "ails them," might as well have undertaken the construction of an aeroplane or the preparation of a brief in an important case before the supreme court. The results, to be sure, would have proven equally unsatisfactory. Can we imagine, for a moment, a competent machinist, a cabinet-maker, or an attorney or a physician doing their work on the mere assumption that if one does "not succeed, he must try and try again?" Hardly. And yet this is precisely the method employed by many and many a man in the florists' trade or profession.

"The florist business looked mighty good to me," remarked an ex-coal dealer in a western town, one day, to me. "I sold out my business," he continued, "and built a range of six houses. Not knowing a thing about growing, I engaged a man who claimed he knew it all, with the result that I lost heavily the first season. The season following I hired another fellow, a carnation grower, and planted four of my houses to carnations, and two with miscellaneous bedding stock. As bad luck should have it, we had a dry season, the plants made poor growth in the field, and when benched they began to wilt and to stem-rot. Neither of us knew what to do about it. Another failure stared me in the face, but I was determined to make the best of it, and so put in a batch of lettuce to help pay for the coal at least, let alone



A WELL FLOWERED HYDRANGEA.



HYDRANGEAS AT THE DONALDSON GREENHOUSES, MINNEAPOLIS, MINN.

money-making. Well, sir," concluded the would-be florist, "if you know of anybody looking for greenhouses, please send him around. I'll sell out cheap." Now here is a case of a man who, because the florists' business looked good to him, did not at all hesitate to dispose of his coal business, and to embark in something he did not know anything about.

Can we imagine a carpet-weaver or a doctor undertaking their respective work without any training, but simply because the carpet business or the M. D. profession looked good to them? Hardly. But horticulture, evidently, puts no obstacles in the way of the novice. On the contrary, it seems to allure coal dealers, carpenters, machinists, clerks and, if I may change Milton's verse, it invites all, "All hope cherish, ye who enter here." Men and women, too, who know no more about flower or plant culture, than they do about bridge building, often embark unhesitatingly in the florists' business, trusting to mere pluck or luck, with the result, as might be expected, of failure in the end.

The thought has often occurred to me that but few professions or trades, if any, are being conducted on the "hit or miss" principle to the extent in which the florist business is being conducted. To be sure, we have very competent and able growers everywhere. We can point to men who have

achieved success because of their ability and foresight. There are rose growers, carnation growers, plantmen, specialists in every branch, many of whom are well known to all of us. But such men, we must admit, constitute but a handful as compared with the number of incompetents. I will hazard the assertion that to every successful carnation or rose grower, to every man who knows not only how to do things, but why and when to do them as well, there are dozens at least, who grope in the dark, who know nothing about soils, about the use and abuse of fertilizers, about the requirements of plants, about the proper handling of bulbs and seeds, who in brief are utterly unfit for the work they are doing. My own observations during nearly a quarter of a century of road life among all classes and conditions of florists have led me to but one conclusion, and that is that our business, notwithstanding the tremendous progress it has made, lacks in those fundamental elements, which are so necessary in order to insure its permanent healthy growth. The florist who makes a failure of his roses, for example, and cannot diagnose the cause of the failure in order to apply the remedy, or to nip the very failure in the bud, proves conclusively that he had not studied his trade or profession. In other words, he has not the theoretical knowledge or scientific basis upon which to work

out his practical results. On the other hand, the man who makes a success of his plants and is equally at sea to explain the whys and wherefores, is no more to be commended than he who, through mere chance or accident, hits upon a streak of good luck. The "hit or miss" principle accounts equally for the results in both cases. It was a "miss" with the one, and a "hit" with the other, while the law of cause and effect underlying both, is a mystery or a closed book to either.

The question naturally arises, Why do people venture into a trade or profession, the essential knowledge of which they do not possess? Why give up a paying coal business and build greenhouses without first mastering the art of growing? Why so many failures everywhere, while those really successful, because of a thorough training, intelligent observation, deduction and application, are comparatively few? Is it because the florist business "looks so mighty good?" Granted. Then that much more reason why we should bend all our energies and put forth our best efforts towards equipping ourselves in every way in order to build our success upon a more solid foundation.

The farmer who tilled the soil for generations past, and who thought he knew all about it, as his fathers did before him, is just beginning to realize that he has yet much to learn, that his primitive methods of farming wont

do, if he is to keep pace with the progress of the times. In this connection it may not be amiss to quote a few lines from an article of Gantt, in the *Engineering Journal*, having a direct bearing upon the subject under consideration. "In the United States our super-natural resources have enabled us to make phenomenal progress without regard to the teachings of science, and in many cases in spite of our neglect of them. But we have reached a point where we must recognize that the proper application of science to industry is of vital importance to the future prosperity of the country." The progressive farmer has evidently arrived at the same conclusion, if we are to judge by the number of farmer boys filling the halls of the state agricultural colleges, the farmers' institutes, the agricultural departments of the high schools, the university extension courses, etc. The experimental stations established in various states, in most cases as a result of the pressure brought to bear by the farming element upon state legislatures, is but an additional proof that the farmer is not only awakening, but that he is wide awake to his interests. He is not content to let "well enough" alone, but wants to accomplish the best results possible. He wants to know something about the chemistry of the soil, about the ways and means of improving it, about diversified crops; in brief, he realizes that in order to increase and to improve his product, he must combine brain and brawn, and work out his problems upon scientific principles.

In his annual report, Secretary of Agriculture Wilson tells us that "since October, 1908, the number of institutions in the United States giving instruction in agriculture has increased from 545 to 875. Departments of agricultural instruction have been established in thirty-eight public high schools. Two hundred and fourteen institutions now give teachers' training courses in agriculture. Farmers' institutes are now organized in every state. The attendance at the institute meetings was 2,395,908. Ninety-nine movable schools of agriculture were held with an attendance of 66,977." These are interesting facts.

Now, what the farmer has accomplished or is striving to accomplish, should not be beyond the reach of the horticulturist as well. If the farmer deems it wise and to his interests to send his son to an agricultural college, and to take advantage of a university extension course, often brought to his very doors, as has been the case in some western states, why should the horticulturist neglect his opportunity to broaden out and to equip the rising generation with a more thorough knowledge of the details of the profession in which they are engaged? Our business has grown to gigantic proportions, and the capital invested is beyond the dream of the florist of only a generation ago. Just think of it—twenty years ago Boston supplied Chicago with cut flowers. Need I tell you that Chicago no longer depends upon the Hub for her supply of cut flowers? Our progress in a commercial way has indeed been phenomenal, and while we have ample reason to congratulate ourselves upon the success achieved, we must at the same time not overlook the fact that our business growth, unless we increase our means and efficiency, cannot possibly continue along successful lines.

Take the labor problems for example. Scan through any of our trade papers and you will readily see that on an average there are three good positions open to every competent man. I think I am safe in making the assertion that the man who can manage a greenhouse and can produce the stock possesses an asset far greater than that of the boss who invests his money in the greenhouses and worries about the weekly pay-roll besides. I will go farther and say that no profession (granted that we are ornamental horticulturists, and not mere tradesmen) is as much in need of professionals as the florist profession is. Good and competent men, men who know how to do things, are wanted everywhere. Such men are scarce.

But to come to the point. Since we have reached the stage in our commercial development beyond which we cannot go unless we increase our means and improve our efficiency, is it not high time that we make the effort to have well-equipped horticultural schools where young men, our future ornamental horticulturists, may take a course of training, and, like the wide-awake farmer, learn to know the details of their business more thoroughly than their predecessors? It seems to me that horticulture in general is of sufficient importance to assert its rights, like manual training or any profession taught in our special schools, colleges and universities. A horticultural school under the leadership of a competent head, and a staff of well trained instructors would not only teach the young man something about the elements of soil, phosphates, hydrogen, the proper use and application of fertilizers, the nature of pests, fungus, and the right way of fighting and overcoming these evils, but it would also teach him system and method, two most potent factors in the success of any business.

We all know only too well the difference between intelligent, systematic

work and that of the sloven who, like the proverbial bee, keeps continually at it, but unlike the industrious insect, accomplishes but poor results. System and method are indisputably the means that were in a great measure responsible for the success of many of our prominent growers of today. Peter Henderson represented a striking example of what system could accomplish in a business way and no less an authority than the great English peer, Gladstone himself, tells us that "the man with a method and system accomplishes more in a week than the sloven will in a month."

Our business demands that we devise means and ways of conducting it in a business way. We can no longer remain passive to our own interests, nor dare we ignore the methods which the progressive and wide-awake farmer sees fit to employ in order to adapt himself to the exacting business conditions that confront him today. The cry is already heard that the "big fellows" are swallowing up the little ones. Translated into other words, it simply means that the progressive horticulturist is forging ahead, while the one who cannot see beyond the limit of his own shadow is dropping by the roadside. It is merely a question of the survival of the fittest.

In a recent announcement in the "Outlook," the editors promise for the near future a timely article on "The new science of business." "There is a new thing in the world of industry," they tell us. "It is the efficient application of exact scientific principles to present business methods. It has been applied in machine shops and foundries, in cotton mills and paper mills, in bleacheries and dye works, in printing and lithographing establishments, and in other businesses. The science of management can be applied to every department of every business." There certainly cannot be any question about it, nor can anyone doubt the urgent need of horticultural schools every-



FLOWERS AND BUDS OF CARNATION BRIGHT SPOT.



VASE OF NEW CARNATION BRIGHT SPOT, GROWN BY NIC. ZWEIFEL. NORTH MILWAUKEE, WIS.

where, if the scientific principles are to be applied in our greenhouses, as well as in the machine shops.

STURGEON BAY, WIS.—At the annual meeting of the Wisconsin State Horticultural Society held at Madison, D. E. Bingham of this city was elected president of the society.

EXETER, N. H.—James E. McAlpine, of Boston, is to erect a greenhouse 60x400 feet on the tract of land which he purchased a year ago on the north end of the town. The boilers and building material have arrived and construction will be begun at once. When completed it will be one of the largest greenhouses in this section.

TERRE HAUTE, IND.—N. B. & C. E. Stover state that the holiday trade was some better than last year. The very cold weather necessitated very heavy wrapping. The demand for cut flowers at Christmas is certainly falling off, while for blooming plants it is increasing year by year. We attribute this to the doubling up of prices on cut flowers. While we believe in asking a fair price, and can get it, yet when you have to charge \$24 a dozen for American Beauties and \$2 a dozen for carnations, the people simply will not pay it and will buy a plant instead. We could have sold quite a lot of American Beauties had the advance quotations been that at which they actually sold, but the advance prices were so high everyone was scared and we can safely say that not over three dozen of these roses were sold in this city. We could have sold several hundred had the advance prices been what they sold for in Chicago.

THE CARNATION.

Carnation Bright Spot.

Among the carnations that are being disseminated this spring, one that is receiving much favorable comment wherever shown is Bright Spot, which is herewith illustrated. It was raised by Nic Zweifel of Milwaukee and those who have had the pleasure of seeing this beautiful variety in its home at the houses of the originator and disseminator at North Milwaukee, Wis., are very enthusiastic in its praise. This variety resembles Mrs. Thomas W. Lawson at its best, but the color is a little deeper and very pleasing. When shown at the Indianapolis convention of the American Carnation Society in 1909 it scored 24 points, out of a possible 25, for color. It is a pure bright dark pink and the color is very even. The flower is very large, measuring $3\frac{1}{2}$ inches in diameter, and is of fine substance, built very high in the center, and of splendid form, being an excellent shipper and having exceptionally good lasting qualities. Unlike Mrs. Lawson, the stems are good and long and also stiff and strong, holding the flowers erect. The calyx is exceptionally strong and well formed, keeping the flower intact, and a split calyx is so rarely seen that it can safely be said that it never splits. It is an early and profuse bloomer, producing flowers of the best quality throughout the season, and the originator states that it will produce 25 per cent more flowers than Mrs. Lawson. At the convention of the American Carnation Society, held at Pittsburg in January, 1910, it was awarded first honors in the class

for 100 best dark pink. It is certainly one of the finest dark pink varieties yet seen, and outclasses any variety now grown, and any grower looking for an improved variety of this shade should make a trial of this splendid production.

Propagation and Culture.

Everything should be on hand for taking care of the cuttings as soon as they have made sufficient roots in the sand. Plenty of pots should be arranged for if it is the intention to carry them along in pots. It is a long stretch from January to the time when planting out can be safely carried on early in May. Cuttings planted in flats or benches at this early date are very liable to suffer toward the end of this long period. We therefore favor potting the early propagated stock into $2\frac{1}{4}$ -inch pots. They can then be given another shift some time during March to prevent them becoming hard and woody. Live fresh soil is essential for potting the young stock, but do not let it contain fresh manure of any kind, the manure having a tendency to promote a soft rapid growth, a thing to be avoided at this early stage of the plant's existence. Everything possible should be done to encourage a sturdy vigorous growth, but it must not be a forced one in any sense of the word. A fresh soil in which the roots will work freely but not over-fast, is what is needed, but do not use the soil while in a wet cold condition, but place some of it in a place where it can dry out and warm up a bit before using, also seeing to it that there is enough dried up to take care of each batch of cuttings as they come along.

As soon as the cuttings begin to root out in the sand they are ready for potting. Do not allow them to remain in the sand longer than necessary, because after once the roots are formed they grow very rapidly and it takes a very short while for them to become weak and spindly. Stock being rooted to supply a rooted cutting business will have to remain in the sand to get heavier roots than what are necessary with those to be grown on at home, but even in this case should the present demand be light the cuttings will more than repay for planting in soil in flats and sold later from the soil. When taking the cuttings from the sand have a jar of clean water and dip the roots into it, washing them clean of sand. We have followed this plan for several seasons and find it very beneficial to the young plants and a safeguard against fungus and stem rot. The cuttings should be potted firmly to make the roots hustle a bit to get through the soil, the plants being very much better off for it. A soil that is soft and spongy, allowing the roots to pass freely through it, will not produce as good plants nor will they be as sturdy as when grown in soil that is good and firm. After potting the next thing to figure on is the right kind of bench room to accommodate the young plants. They need a light airy bench in a cool house, it being ruinous for them to be set in partial shady places or where it is at all stuffy so that they do not get a free circulation of air. Water well after potting, then allow them to dry out well between each watering. If some of the plants dry out quicker than others, they should be taken care of as they require it, but do not let the watering be general unless it is absolutely necessary, and at every general watering a good syringing can be given, the plants reaping great benefit from it, but avoid the light sprinklings day by day which does more damage than good. The propagating should be pushed along as quickly as the proper cuttings are obtainable, but do not use the same sand for more than one batch of cuttings. It more than pays to renew it after each lot of cuttings are taken out.

We are now getting many cloudy days following one another, which makes extra care a necessity in the culture of the flowering plants. Watering being the one most essential thing, is also one on which we can most easily go wrong, particularly at this season of the year. An over-abundance of water during a dark cloudy spell quickly starts the calyces bursting. The temperature is also very important just now. Keep a sharp lookout to have the temperature even at all times, as there is not anything that will prolong the vigor of the plants as an even growing temperature.

A very particular part of the general routine work is that of cutting the flowers. Cut early in the day, for the following day's shipment or use, and when cutting do not allow bunching to be done and the bunches left laying around on the benches. It is better to have a receptacle of clean water handy in each house to put the flowers in. This will keep them stiff and fresh and save several trips to the cellar. When the blooms are left around for the wind and air to seal up the ends of the stems, they are on

a good way to go to sleep. In bunching the flowers do not mix them, but bunch the fancies by themselves and the seconds and other grades each by themselves. C. W. JOHNSON.

New England Dahlia Society.

The annual meeting was held in Library Hall of the Massachusetts Horticultural Society January 11. President H. W. Kendall presiding. The reports of the secretary and treasurer were read and the following officers elected:



J. K. Alexander.

President New England Dahlia Society.

J. K. Alexander, president.
N. Allen Lindsay, vice-president.
Prof. G. W. Bullard, Medford, secretary.

Loring M. Bates, treasurer.
H. L. Winters, W. C. Brady, Geo. L. Stillman, A. L. Brown, Edward F. Dwyer, executive committee.

The meeting was one of the largest ever held by the society and many interesting subjects were discussed. The amendments presented at the last annual meeting were acted upon.

Grass Under Trees.

ED. AMERICAN FLORIST:

Last spring I planted "Shady Nook" grass seed in lawn under a large oak tree. It came up very sparsely and in the drought burned up very rapidly in spite of waterings and several re-sowings. Can you inform me of the reason and any efficacious remedy? New Jersey. H. G.

If H. G. has had trouble in making grass grow under trees, he has one comfort at least in knowing that there are others. It would seem that he has gone about the matter systematically by sowing a suitable brand of grass seed, the fact that it burned up is due to the excessively dry summer of last year. The same would have been true if the seed had been sown in the open in spring unless the sprinkler had been kept going continuously, or nearly so. It is a good opportunity now to say that grass seed should never be sown in spring if it can be avoided, and the choicer the seed, the more reason why

fall sowing is necessary, even though it be sown directly before the ground freezes up for the winter, but preferably earlier so it may germinate and get a good stand before cold weather sets in. By fall sowing the grass has a chance to get ahead of all weed seeds, the latter will win by spring sowing, and the grass must be given a chance to get ahead. We sowed a quantity in December with this object in view, and expect great pleasure in watching it sprout before the ground would be dry enough in spring to be fit for sowing. If the oak tree is in a prominent position, why not try planting lily of the valley under it? We have used many thousands in this way, the foliage remains green as long as the grass, with the added charm of seeing them grow in spring with the crop of bloom always sure for the Decoration Day needs, and the way the roots increase and multiply is a revelation, especially if the best imported roots are obtained, and the flowers will then be better than any grown under glass. Lily of the valley will thrive equally well under pine or spruce trees, and a blanket of manure each fall, left on in spring, will keep them vigorous and strong beyond belief. E. O. ORPET.

Clothing Bare Spaces Under Trees.

The planting of bare spaces under the wide-spreading branches of specimen trees in such manner as to produce a carpet hardly less attractive than green, velvet turf is by no means free from difficulty, writes a correspondent in the Gardeners' Magazine, but this is not so great that it cannot be surmounted. There are plants of lowly growth that will thrive in positions where the supplies of food and water are scanty and where the amount of light is reduced to a minimum, but they are few in number. The lists of plants usually given as suitable for growing under the shade of trees are of but little service to the inexperienced, for they appear to have been prepared not so much for clothing the bare spaces immediately around large trees occupying prominent positions in the pleasure grounds, as the planting of shady yet open areas in woods and plantations contiguous to the garden. We find in these lists such things as pontic rhododendrons, berberis aquifolium, the common holly, and the common laurel, which will grow freely enough in comparatively open spaces in the plantation or woodland, but are quite unsuitable for planting around large evergreen oaks, conifers that have lost their lower branches, and other trees that might be mentioned. We, of course, find plants in the published lists that will thrive in such positions, but as they are not specially distinguished, those who require help are greatly perplexed when they turn to them for guidance, and, as often as not, make an unsuitable selection. It is reasonable to assume this is the case from the many failures that have been met with.

In the planting of bare spaces that are within the influence of the roots and branches of specimen trees, the endeavor should be to make a carpet rather than form a shrubbery. Probably there is nothing to surpass certain of the green-leaved ivies for this purpose. The common ivy will soon make a good carpet, but the leaves are a little too sombre in tone. The

Irish ivy is vigorous in growth, and the color of the leaves is bright and pleasing. It is, indeed, so well adapted for the carpeting of large areas that were it not for the existence of an ivy known as Emerald Green one would be justified in saying that nothing better could be desired. The last-named is free in growth, and has leaves that are hardly so large as those of the Irish ivy, but are of a more vivid green. Both for clothing bare spaces and walls it has no superior. Ivies appreciate proper attention, and during the earlier stages they should have the assistance necessary to enable them to become established quickly. The soil around the trees will have long since become exhausted, and the first step should be to spread a good layer of well-rotted manure over the surface, and fork it in to a depth of five or six inches provided the roots will allow. In all cases the dressing of manure should be applied and worked in with a fork. The distance at which the plants should be put must be determined by their size, and the best advice that can be given is to put them far enough apart to thinly cover the surface.

The St. John's worts are also most useful for the purpose, and the best of them is perhaps *Hypericum calycinum*. This attains a height of ten or twelve inches, is dense and uniform in growth, and produces rather large yellow flowers with some freedom for a considerable period during the summer months. Not less valuable are the periwinkles, and the best of those with green leaves is *Vinca major*, which has its attractions enhanced by pleasing blue flowers. *V. minor* is also of much merit for carpeting purposes, and, as in the case of the larger-growing species, bears blue flowers. There is also a form with white flowers, and one with double blue flowers. The green-leaved forms are the best for spaces around trees with wide-spreading branches, but for planting around trees of erect growth the variegated form of *V. major* is of special value. It soon forms a dense mass, and its rich golden variegation is highly effective. Both the St. John's worts and the periwinkles should have the soil prepared for them in much the same manner as advised for the ivies.

At Woodside, Chenies, the residence of Adeline Duchess of Bedford, a quite distinct method of clothing bare spaces has been adopted. Closely adjoining the rock garden, which forms so delightful a feature, is an ancient Cedar of Lebanon, with branches that extend over a wide area. Around the trunk of this venerable tree a low rockery was formed and planted with such hardy subjects as are known to thrive in comparatively shady positions, and not to require very large supplies of water.

SPRINGFIELD, ILL.—Miss Belle Miller reports an increase of 25 per cent in the Christmas trade. The supply of roses, carnations and violets was not equal to the demand and better retail prices were obtained. While the call for bulbous flowers was good, there was plenty of stock. The quality of all the flowers was much better than usual. There was an increase in the demand for the better grades, especially fancy roses, lily of the valley and orchids which sold at better prices than ever before.

OBITUARY.

Samuel C. Moon,

Samuel C. Moon, one of the most prominent nurserymen in the country, died January 21, at his home, near Morrisville, Pa. He was in the 57th year of his age and had been ill only a short time.

Mr. Moon was the son of Mahlon Moon, the pioneer nurseryman of Bucks County. He was born at the old Moon homestead, where he passed away. The nursery conducted by Mr. Moon has been in operation since 1848, and contains many rare plants and shrubs, including the largest purple beech tree in the United States. A born nurseryman, Mr. Moon was devoted to his profession.

A widow and one daughter, Miss Jane C. Moon, survive. Two brothers, William H. Moon and James M. Moon, also survive, both of them being nurserymen.

The funeral took place January 25, at 1:30 o'clock in the afternoon.

P. H. Anderson.

P. H. Anderson, proprietor of the Anderson Floral Co., of St. Cloud, Minn., died very suddenly January 10, 1911. He was ill but a few days, having a severe cold that developed into pneumonia, which rapidly turned for the worse and he passed away.

Mr. Anderson was born in Sweden, 41 years ago, and came to America upon reaching his majority, coming to St. Cloud and was employed by the Rev. E. V. Campbell, proprietor of the Campbell greenhouses. Eight years ago he purchased the business of Mr. Campbell and removed the houses to their present location, where he has been prosperous, his business extending to many adjoining cities. Last summer, accompanied by his wife and children, he visited his old home in Sweden. Personally, he was a most pleasant, genial man and had many friends. He was a member of the Masonic, Elks, Maccabees, Workmen, Red Men, Eagles and Eastern Star lodges.

He was married 15 years ago to Miss Anna Wilson, and she and their two children, Harold and Elsie, a brother, Lewis Anderson, of St. Paul, and a brother and two sisters in Sweden, survive him.

Henrich C. W. Siebrecht.

Henrich Christian Wilhelm Siebrecht, father of Henry A. and William H. Siebrecht and their sister, Mrs. Carl Meyer, died on Monday, January 16, at Astoria, Long Island City, where he had made his home with his son, Wm. H. Siebrecht, since the death of his life 10 years ago.

Mr. Siebrecht was 92 years old, and had enjoyed good health during his entire long life, hardly knowing what sickness was. He passed away evidently without pain—simply slept away. He first came to this country on a visit to his two sons, who were then in business at the corner of Fifth avenue and Forty-second street in 1870, after which time, he with his wife, made nine round trips between here and their home in Germany, living there and here at intervals during many years, but finally made their home here and settled in Old Astoria.

Mr. Siebrecht, besides being a wide-awake and progressive farmer, was also a manufacturer of damasks and fine linens, in which line he was considered quite an artist in his day in designing new patterns. This was before the time of machinery for weaving such goods. Notwithstanding his busy career in these lines, he found some time for horticulture, especially the raising and cultivation of fruit

trees. He was quite an amateur nurseryman, always had a small nursery in his garden. Endowed with an extraordinary strong constitution, and with the love of outdoor life and plain and regular living, no doubt, these were material factors for his good health and long life.

Besides three children, he is survived by 18 grandchildren and 19 great-grandchildren.

The funeral services were held at the home of his son, Wm. H. Siebrecht, Astoria, Long Island City, Wednesday, January 18, at 8 p. m. The interment was at St. Michael's Cemetery, Long Island, beside his wife in the family plot.

College Point, N. Y.

Anton Schultheis has long been known as one of the foremost growers of flowering and decorative plants and cut flowers, for the New York trade; he also ships a great deal of stock to all parts of the country and his business, like all well-regulated and personally-supervised industries, grows perceptibly larger each year.

Just how many square feet of glass there are on Mr. Schultheis' land has not been computed exactly but there are 36 good-sized houses all told, besides an immense number of heated frames for erica culture, the latter being preferable to houses during a greater part of the year.

While special efforts are always made to have heavy supplies of suitable stock for the Christmas and Easter holidays, the establishment is so conducted as to have something marketable every day in the year. Lily of the valley as a cut flower is grown all the year around, four houses being devoted to that purpose. Longiflorum lilies are almost a continuous crop and of late years, cattleyas have been going out steadily until, at present, several houses are filled with such as are best adapted for commercial purposes, such as *C. Mossia*, *C. trianae*, *C. gigas* and *C. Schroderae*. Among flowering plants available for present use are fine examples of lilac, in *Marie Legraye* and *Chas. X.* varieties; *camellias*, *cyclamen*, pansies of tulips and pots of carnations. The decorative stock embraces well-grown ferns of the Boston, Scholzei and Whitman types, and *Cybotium Scheidii*; *Pandanus Veitchii*, well colored; *dracenas* in the broad-leaved varieties and *araucarias* in several sorts, all in grand condition.

Coming along for Easter are thousands of azaleas in bush, standard and pyramidal form; *rhododendrons*, *ericas*, *genistas*, *acacias*, *boronias*, *gardenias*, *hydrangeas*, *bougainvilleas*, *lilies*, *tulips*, *hyacinths* and *roses*. Trained roses have always been a specialty here and the stock gives every promise of being perfect as ever. All the best and latest varieties are included in the collection and a few really new ones are being tried out on a limited scale. The lilies look good so far, no sign of disease or refusal to start being apparent.

Mr. Schultheis is ably assisted in the management of the place by his son, Anton Schultheis, Jr., who takes charge of the selling and collecting end of the business. Anton is also much interested in a seven-seater Packard touring car purchased last summer, and in which the family takes a great deal of pleasure, he acting as chauffeur and mechanic.

PETERSBURG, VA.—William S. Young reports that the Christmas business will show an advance of 20 per cent. The quality of the flowers was better than last year and the demand exceeded the supply, the retail prices being much better. The demand for bulbous flowers was only fair.

THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911
Subscription, United States and Mexico \$1.00 a year, Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
324 Dearborn St., CHICAGO.

THIS ISSUE 52 PAGES WITH COVER

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CARNATION DAY next Sunday, January 29.

RENEW subscriptions promptly so that no copies of the papers may be missed.

Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

Society of American Florists.

REGISTRATION OF ROSE.

Public notice is hereby given that Jackson and Perkins Company, of Newark, Wayne County, New York, offer for registration the rose described below. Any person objecting to the registration or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

RAISER'S DESCRIPTION.

Yellow Baby Rambler.—Abelle Webster-Pate (Thalia X M'lie Eugenie Verdier) Lambert X Rugosa America, (Harvard Gardens '94). Seedling from Peter Lambert, Trier, (Treves), Germany. Citron-yellow, to deep orange center; dwarf polyantha; foliage and habit like Mrs. Cutbush.

ADDITIONAL S. A. F. APPOINTMENTS.

Committee on School Gardens: Wm. R. Smith, Washington, D. C.; C. L. Seybold, Baltimore, Md.

State Vice-Presidents:

Colo.—L. E. Johnson, Colo. Springs. Conn.—W. R. Pierson, Cromwell. Florida—C. D. Mills, Jacksonville. Kentucky—H. G. Walker, Louisville. Maine—William Miller, Bar Harbor. Nebraska—John J. Hess, Omaha. N. Y.—A. C. Zvolanek, Bound Brook. N. Y.—West—S. A. Anderson, Buffalo. Texas—Eugene Corley, Dallas. Wis.—J. E. Mathewson, Sheboygan.

H. B. DORNER, Secy.

January 19, 1911.

American Rose Society Spring Exhibition.

One of the most important positions in a public exhibition is that of manager, and Eber Holmes of Montrose, Mass., the well known rosarian, has been appointed to that position for the coming spring exhibition. There will be two sets of judges appointed, owing to the show being divided into two exhibits, Division B being separated from the rest of the exhibition. The time set for this is Friday, March 31. The exhibits in all classes except Division B are to be staged not later than 2 p. m. Saturday, March 25, and will continue Saturday, Sunday and Monday, March 26-27. Division B will be staged Friday, March 31, not later than 1 p. m. and will continue until the end of the exhibition. On Tuesday, Wednesday and Thursday, the space occupied by the Rose Society will be devoted to the exhibits of the American Carnation Society.

The list of special prizes is growing and these will, as usual, increase as the date of the exhibition approaches. The representative of the National Gardeners' Association has reported that many private gardeners will endeavor to make a showing of what they can do, compared with the commercial growers, in the way of choice products, and they are invited to come and send whatever they have. This is very nice, and they will be given the most consideration and the hand of fellowship, for the American Rose Society stands for "A rose in every home, and a bush in every garden."

The Rev. Dr. Spencer S. Sulliger, of Vancouver, Wash., president of the society known as the Rosarians of the state of Washington, visited the last year's show of the National Exhibition in London, and will read a paper at our coming annual meeting. Richard

Vincent, Jr., of White Marsh, Md., who attended the International Exhibition of Horticulture at Brussels, Belgium, will also prepare a paper upon the "Roses of Europe."

BENJAMIN HAMMOND, Sec'y.

Massachusetts Agricultural College.

The short course in floriculture at the Massachusetts Agricultural College opened January 3 with a smaller attendance than had been expected. During the course this year an unusually large number of outside speakers had been engaged so that the course seemed to be an especially attractive one and one which would appeal to a large number of practical men.

The following have registered for the course: John F. Freehan, Great Barrington; Roy A. Hatch, Cliftondale; Errol L. MacDonald, Seekonk; Waldron K. Nason, Jamaica Plain; Maude M. Perkins, Newburyport; Frank B. Place, Dighton; Etta Rotman, Millis; Louis V. Schmidt, Jamaica Plain; Guilford Smith, Bar Harbor, Me.; William M. Post, Danbury, Conn.; Warren Kinder, Charleot, Pa.

The first talk was given last week by Mr. Cobb, sales manager of Lord & Burnham Company, who spoke of the Lord & Burnham type of construction. Mr. Cobb showed a large number of drawings by means of the reflectoscope, of private and commercial ranges which his firm had built. He also spoke of the details of construction, to which they attach especial importance, and he gave a very clear idea of the important factors to be considered in greenhouse construction.

On January 6, R. O. King of the King Construction Company spoke on their construction. Mr. King's talk emphasized the original ideas which have been brought out in the King construction and he showed by lantern slides a large number of commercial ranges which they have constructed. Mr. King spoke especially of their iron frame truss construction and explained the theory on which their houses are built.

The first part of the week the afternoons were devoted to a study of the Lord & Burnham construction as shown in the college range, and on January 7 the observation trip was to the large range of the Montgomery Rose Company in Hadley, which was built last year by the King Construction Company.

Free Lectures on Horticulture.

The Massachusetts Horticultural Society has issued its annual program of lectures and discussions on horticultural subjects to be given at Horticultural Hall, Saturday afternoons beginning January 14. The list of subjects and speakers is as follows:

January 14—Gardening for and by Amateurs. By J. Otto Thilow, Philadelphia.

January 21—The Local Plant Doctor. By Prof. H. H. Whetzel, Ithaca, N. Y. (The John Lewis Russell Lecture.)

January 28—New England Market Gardeners and Their Competitors. By Prof. L. C. Corbett, Washington.

February 4—Summer Blooming Bulbs. By Isaac S. Hendrickson, Floral Park, N. Y.

February 18—The Horticultural Awakening of New England. By J. H. Hale, South Glastonbury, Conn.

March 4—The Outdoor Window Garden. By John D. Twombly, Winchester.

March 11—The Outlook Countryward. By Prof. L. H. Bailey, Ithaca, N. Y.

March 15—Story of an Old Orchard Reclaimed. By Dr. G. M. Twitchell, Auburn, Me.

A change in the hour of the lectures is made for this course at the request of a considerable number of persons who find it inconvenient to attend in the forenoon. It has been decided therefore to hold these meetings at two o'clock in the afternoon. The lectures are free and all interested are invited to attend.

On Saturday, January 7, at twelve o'clock, the usual inaugural meeting will be held at which the new president will take office and the annual reports of officers and committees will be presented.

The first exhibition of the society for the new year will be the Midwinter Flower Show, February 24, 25 and 26. Wm. P. Rich, Secy.

Soil From Chrysanthemum Beds.

ED. AMERICAN FLORIST:

Will you kindly inform me how to treat the soil from my chrysanthemum beds. Will it be suitable for potting the spring stock? Can it be used in next year's carnation beds.

SUBSCRIBER.

The soil that is removed from the chrysanthemum beds and benches should be piled up out of doors, where it will be subjected to the weather and can be frozen. The chrysanthemum is a very rank feeder, and when it grows good and strong generally takes all the richness out of the soil. The soil, after standing out long enough to become sweet, can be used for potting up the spring stock, but if the plants which are potted in it need a rich soil, some rotted manure should be added. It would not be advisable to attempt growing carnations in any old soil, for good new fibrous loam is required in growing this crop. W.

Detroit Florists' Club Programme.

The Detroit Florists' Club have arranged and printed a neat programme which includes papers to be read by S. S. Skidelsky, February 20; Ferdinand Kolbe, on "Carnations," March 6; Herman Knapp, March 20; Barney Meyers, "Adaptability of Wooden Benches Contrasted with Results with Cement and Solid Beds," April 3; Robert Unger, "Bedding Plants," May 1, and addresses by Irwin Bertermann, February 6; Philip Breitmeyer, May 15, and H. B. Dörner, June 19, and other features.

Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

Situation Wanted—As foreman: all around florist, where Am. Beauties are a specialty preferred. Key 376, care American Florist.

Situation Wanted—By young man (24) under foreman: four years' experience in roses, carnations and mums; good references; state wages offered. Key 380, care American Florist.

Situation Wanted—By seedman and plantsman as seedman: 10 years' English experience four years' American; good address; state wages offered. Key 373, care American Florist.

Situation Wanted—Practical gardener with experience in vegetables, flowers, fruit, grapes, stock, fowls, has good recommendations, wishes position; married. Address Box 542, Whiting, Ind.

Situation Wanted—Young lady, with experience in the retail florist business, wishes to secure situation as saleslady or designer in a retail flower store in Chicago. State wages when writing. Key 381, care American Florist.

Situation Wanted—Bulb grower and salesman, employed 11 years' experience in traveling (U.S., England, Germany, Sweden, etc.), wishes to secure another situation as buyer or salesman; excellent references. Address Key 377, care American Florist.

Situation Wanted—By nurseryman from Scotland, married, with 30 years' experience in Scotch nursery; well up in bedding and grafting, and with thorough knowledge of the propagation of fruit, forest and ornamental trees, shrubs, conifers and roses; good correspondent and salesman and accustomed to superintend landscape work. Address JAMES W. LAIRD, Proctorville, O.

Help Wanted—All around young man with some experience in greenhouse and hotbeds; must be willing to do anything around a truck garden; state wages with board and lodging in first letter. WILLIAM HILD, Milesville, S. Dakota.

Help Wanted—Gardener for place of ten acres near Chicago; must have good practical knowledge of ordinary landscape gardening, fruit and vegetable culture, and general care of home grounds. Address Key 368, care American Florist.

For Sale—Small but good florist business; 1,500 feet of glass; cottage; 50 ft. length of hot beds; in fast growing town in Oklahoma; no competition; \$1,200 if taken at once. Key 369, care American Florist.

For Sale—At great sacrifice; three-fourth acre, six-room house, cellar, cistern, pressure water, chicken house, stable, greenhouse, 100 ft. glass; no stock; hot water heat; good market; no competition within 70 miles; splendid chance for young man; must be sold; make offer; write JOHN L. BRADY, Medicine Lodge, Kansas.

For Sale or Rent—In Chicago's most fashionable suburb in Evanston, Illinois, greenhouse property with improvements, consisting of 6,500 sq. ft. of glass, complete, in good condition, including two frame residences; suitably located for retail business. For terms and particulars apply to JOHN P. HAHN, 1572 Sherman Ave., Evanston, Ill.

WANTED

A partner to take a half interest in a prosperous retail flower store in the business district of Chicago, or would sell the entire business. If the right party is looking for a good thing and means business, address

Key 374, care American Florist.

For Sale.

Best equipped Flower Shop on the most prominent corner in New York City, is offered for sale at a great sacrifice. A fine opportunity for a live man. Address or apply H. W., 103 E. 29th St., New York

Store Manager Wanted.

A thoroughly reliable man to act as manager, married man preferred; must be thoroughly experienced in the retail florist business and accustomed to meeting Chicago's finest trade.

Key 379, care American Florist.

FOR SALE.

An up-to-date Florist Plant; modern greenhouses; 70,000 feet of glass; 12 acres of land; large brick dwelling house, heated by steam; two barns. Everything in first-class working order.

W. W. Coles, Kokomo, Ind.

Grower and Manager

An experienced grower of all lines of commercial greenhouse stock is open to engagement as manager or foreman of a modern establishment. References of the best character and full particulars on application. Address

Key 360, care American Florist.

Store Manager Wanted With \$5,000 Capital

Must be capable of conducting a large store business established many years in a prosperous city in the mid-west. Applicant must be competent also to market advantageously the considerable greenhouse output of high grade plants and cut flowers. Address

Key 378, care American Florist.

GREENHOUSE FOR SALE.

Consisting of 6 greenhouses 16,000 feet of glass, all built within the last three years and 15 acres of land, located on steam and electric railroad in a prosperous and growing town about 25 miles from Cleveland, O. Double strength glass. Garland gutters with iron supports, 50 h. p. boiler, 350 barrel cistern, city water. Good stock of plants, bulbs and flowers. In all respects a most desirable property. Will be sold at a bargain. Price: \$11,000; part cash, balance on time. 344 The Arcade, Cleveland, O.

Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution, It contains 670 pages, including complete lists of the Florists-Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

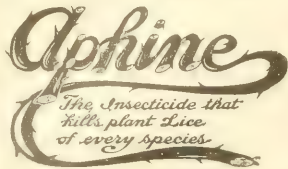
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324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



You may depend on it for positive results, without fear of failure or dissatisfaction.
\$2.50 per gallon; \$1.00 per quart.

FUNGINE

An infallible remedy for mildew and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

MANUFACTURED BY

Aphine Manufacturing Co., Madison, N. J.

Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University.

Progressive Florists recognize the growing importance of a knowledge of Landscape Art.

Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250-page Catalog free. Write today.

The Home Correspondence School
Dept. A. F., Springfield, Mass.

BEGONIAS

Flowering Kind

Rooted cuttings, \$1.75 per 100.

Express paid.

S. D. BRANT, Clay Center, Kans.

Louisville.

A new company was formed and bid in the Anchorage Rose Co.'s plant for a song and the creditors, outside of the ones who hold mortgages, will likely not get a cent. The new company have employed C. W. Reimers to take charge of the place. A few weeks ago the place was frozen, owing to there not being water to supply the boilers.

At the most notable social event, the Weisinger-Castleman wedding, the decorations were by Jacob Shulz, and were very elaborate. The church was decorated with palms and large quantities of Easter lilies.

Prof. Ernest Walker, formerly with F. Walker & Co., is now located at Fayetteville, Ark., and is secretary of the Arkansas State Horticultural Society.

Henry Fuchs will move to the store formerly occupied by Nanz & Neuner.

Mrs. C. B. Thompson is better but unable to be at the store.

Beutel & Frederick, who have been leasing Wm. Mann's establishment, have bought land and will build this coming season.

Mrs. C. W. DePauw has been successful with roses this winter.

Simon Pontrich will add about 10,000 feet to his range next spring.

The Kunzman Floral Co. have added a fine new delivery wagon.

H. G. W.

Don't Forget, in the Rush

That You'll Need Stock Later on.

For example, there's your

Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both grafted: 3 to 5 millimeters; smooth, evenly graded, disbudded, well-rooted stocks, especially selected for florists' grafting.

Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1.70 to the case).

Perfection, \$12.00 the thousand (2.00 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3.00 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

Lilacs

Imported, not-grown, for cut flowers; bushy, suitable for 7 or 8 inch pots, 50c each; \$5.00 the dozen. Charles X only.

Half-Standard Roses

Baby Rambler and Mrs. Cutbush, 50c each; \$5.00 the dozen. No better at any price. Full Standard Baby Rambler, same.

Bush Roses

Fine assortment leading H. P.'s like Brunner, Charta, Druschki, etc.

Also Hybrid Teas, Ramblers, Dorothy Perkins, etc.

JACKSON & PERKINS CO.

Wholesale Florists and Nurserymen,

NEWARK (Near Rochester), NEW YORK

Seasonable Stock

Kentia Belmoreana, 2½-in pot plants \$8.00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15 in. high, \$35.00 per 100; 5-in. pot plants, 15-18 in. high \$60.00 per 100

Nephrolepis Scholzell, 2½-in. \$5.00 per 100; 5-in. strong, \$6.00 per doz; \$40.00 per 100.

Asparagus Sprengerii, Strong 5-in. pot plants, 15c.

Rhododendrons, Fancy forcing varieties, 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

Draecena Indivisa, 2½-in po stock for growing on at \$5.00 per 100.

Spirea, large forcing clumps, Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba, \$6.00 per 100; Blondin, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

Heliotrope, Purple, in five good varieties, \$3.00 per 100; \$25.00 per 1000.

Boxwood, Bush shape for window boxes or pot sale, very bright foliage and bushy, 10 to 12-in. high \$20.00 per 100; 12 to 15-in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

Dahlias, Fine collection of field grown clumps. (Special circular on application.)

THE STORRS & HARRISON CO., Painesville, O.

SOFT WOODED PLANTS

We have rooted cuttings and 2½-in. of Ageratum, Alternantheras, Achyranthes, Alyssum, Begonias Coleus, Daisies, Feverfew, Fuchsias, Heliotrope, Impatiens Sultanii, Lantanas, Lobelia, Moonvines, Petunias, Salvia, Santolina, Verbenas Vincas, etc. Write us your wants.

GEORGE A. KUHLE,

Wholesale Grower, PEKIN, ILL.

Ferns for Dishes

2½-in. Per 100 Per 1000
..... \$3.50 \$30.00
500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincy St., CHICAGO

Boston Ferns...

2½-in. \$30.00 per 1000

WHITMANI FERNS

2½-in., \$5.00 per 100; \$40.00 per 1000.
250 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

CARNATIONS

Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

	Per 100	1000
White Wonder. Our new white.....	\$12.00	\$100.00
Gloriosa. Our new pink.....	12.00	100.00
Pink Delight.....	6.00	50.00
Scarlet Glow.....	6.00	50.00
Shasta.....	6.00	50.00
Sangamo.....	6.00	50.00
Dorothy Gordon.....	6.00	50.00
J. W. Riley.....	6.00	50.00
Admiral.....	6.00	50.00
White Perfection.....	3.00	25.00
Winona.....	3.00	25.00
Enchantress.....	3.00	25.00
Rose Pink Enchantress.....	3.00	25.00
Beacon.....	3.00	25.00

F. DORNER & SONS CO.,
LaFayette, Ind.

Mention the American Florist when writing

It is not only the number of inquiries, though that counts but Orders from reliable buyers. Advertise in The Florist

Carnation Dorothy Gordon

—the Facts About Its Parentage

PRACTICALLY every florist who has ever grown "Dorothy Gordon," or has had any close knowledge of it, knows that it is a distinct strain, differing from Enchantress in various ways—yet we hear it said, every now and then, that the two varieties are identical. No one who really knows the facts will make the assertion, but for the benefit of those who may honestly believe such similarity to be the case, we wish the truth of the matter clearly understood.

"Dorothy Gordon" is a seedling—Lawson on Enchantress. It was originated near Philadelphia, and we bought the entire stock of rooted cuttings from the originator after observing it carefully and giving it a thorough trial—growing it for market, and comparing it with other carnations, especially Enchantress.

"Dorothy Gordon," while possessing practically all of the merits of both its parents, is almost entirely without their faults. For example, it is more vigorous; "Dorothy Gordon" has produced regularly ¹³ more flowers for us than Enchantress did.

Then consider the color. "Dorothy Gordon" is a trifle darker—a warm, rich pink that never fails to attract attention. When the blooms first appear, they are a trifle light, but they quickly come darker, and the plants do not require any more attention thereafter than do other varieties to keep them in good shape.

The stems of "Dorothy Gordon" are long and stiff, and its keeping qualities are unusually good; flowers often remain in salable condition four days or more after cutting. We have found the market demand for "Dorothy Gordon" to be most excellent and the price has always been higher than we could get for any other variety.

We sold a large quantity (130,000) of rooted cuttings last year, most of which are now giving excellent satisfaction to the owners. We expect shortly to print some expressions that we have received from prominent florists in various parts of the country who know "Dorothy Gordon" by personal experience, so that you may judge the matter from all sides.

Meanwhile another big lot of rooted cuttings, which we started for the 1911 trade, is being rapidly taken up—if you want to "get in" on bigger carnation profits, we recommend that you place your order NOW while the

stock lasts and the reduced price of

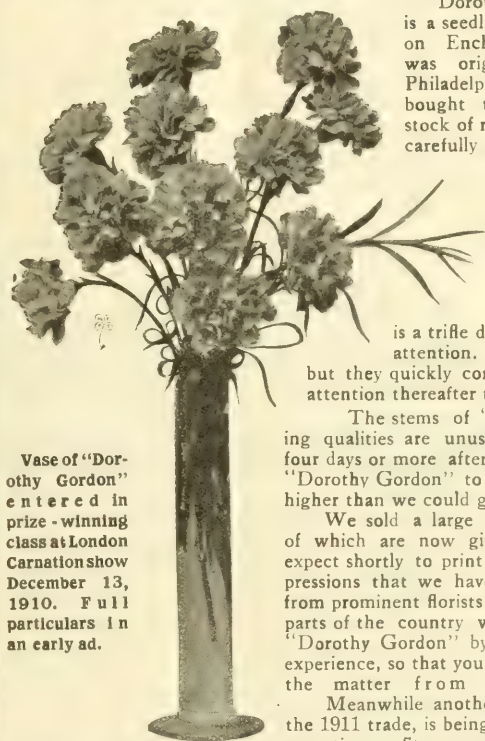
\$6.00 per 100; \$50.00 per 1000

still prevails. And, if you are doubtful and want to know more about the facts at first hand—and nobody is more anxious for you to do this than we are—then there is one of two things we'd like for you to do—come to Wyncote and see "Dorothy Gordon" growing in our houses, and see, from our own books **HOW** and **WHERE** and **for how much** we've been selling the cuttings and the flowers; or, if you're far away to do that, drop us a line and let us tell you the name of a florist nearer you who grows and knows "Dorothy Gordon" for himself.

You'd better do one of these two things pretty quick, though; for one of these days the planting season will be past. Let us hear from you by return mail—give us a chance to prove the facts.

When in Philadelphia Be Sure to Look Us Up.

Joseph Heacock Company, Growers of Palms, Orchids, Carnations, Roses. **Wyncote, Pa.** Railway Station: Jenkintown.



Vase of "Dorothy Gordon" entered in prize-winning class at London Carnation show December 13, 1910. Full particulars in an early ad.

Fancy Carnations

Roses and Beauties

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

PRICE LIST

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$8.00
36 inches.....	\$1.00 to 5.00
24 to 30 inches.....	3.00
16 to 18 inches.....	2.00
8 to 10 inches.....	1.00

Richmond and Rhea Reid

Extra long.....	per 100, \$12.00
Good lengths.....	per 100, \$8.00 to 10.00
Medium lengths.....	per 100, 6.00
Short.....	per 100, 4.00 to 5.00

Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin

Extra select.....	per 100, \$10.00
Good lengths.....	per 100, \$8.00 to 10.00
Medium lengths.....	per 100, 6.00
Good short lengths.....	per 100, 4.00 to 5.00

CARNATIONS

Fancy pink and white.....	per 100, \$4.00 to \$ 5.00
Fancy red, O. P. Bassett.....	per 100, 4.00 to 5.00
HARRISH LILIES	per doz., 2.00
".....	per 100, 15.00
Jonquills.....	per 100, 3.00 to 4.00
Lily of the Valley.....	per 100, \$3.00 to 4.00
Select Pink and White Sweet Peas.....	per 100, 1.00
Tulips.....	per 100, 3.00 to 4.00
Adiantum.....	per 100, 1.00
Asparagus.....	per string, .50
Asparagus Sprays.....	per 100, \$3.00 to 4.00
Ferns.....	per-1000, 2.00
Galax, Green.....	per 1000, 1.00
" Bronze.....	per 1000, 1.00
Smilax.....	per doz., \$1.50 to 2.00

Buy Direct of the Grower and Get Fresh Stock

BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

Chicago.

A GENERAL SHORTAGE.

It hardly seemed possible a month ago, with the counters piled up with roses and other flowers, that in four weeks everybody would be singing that old song of "stock scarce," but it has always happened, year after year, that toward the end of January, there would be a great shortening up of all the flowers; the rose growers would be off crop, and the carnationists with a small cut, prices trending upward day by day, and a general hustling on all sides to fill orders. The few hours of sunshine, on what pleasant days the weather man hands out, are not at all conducive toward bringing about a heavy cut to replenish the empty refrigerators, for a trip around the wholesale stores finds the ice boxes nearly empty, and the cut is shipped out almost as soon as the stock arrives. The roses are showing the effects of the dark weather, not only in the reduced quantity, but also in the quality. While there are many fine American Beauties to be seen, yet the blooms lack the bright color which they had up to the first of the year, and there are many that are not up to form. Killarney is not of the best color, many of them being extremely light, and what few My Marylands are being received are much better than the Killarneys. The demand for flowers for design work keeps the shorter grades picked up as fast as they come in from the greenhouses. All the different grades of roses are short, and the buyers are often content to take pink when they want white, for they really have to take what they can get. Carnations are of good quality, but with the roses being short, the demand is increasing and the prices advancing. The only cheap product being the splits, of which they are quite a number, but

Fancy Carnation Blooms

THE PLEASING KIND

Our Carnations are arriving in splendid condition, and give satisfaction.

Remember we are growers and ship our customers strictly fresh stock, properly packed. We can please you when all others fail.

PRICE LIST

Carnations, extra fancy.....	5.00	Valley, choice ..	4.00
Select.....	4.00	Violets, Double.....	1.50 to 2.00
Good.....	3.00	" Single.....	1.00 to 1.50

All Greens, etc., at lowest market prices.

CHICAGO CARNATION CO.

A. T. PYFER, Manager.
Phone Central 3373.

35-37 Randolph St., CHICAGO

they are bringing a price that many growers would be glad to obtain at other seasons for first-class stock. Violets are plentiful enough to fill orders. Orchids are in good supply, and can be procured at prices that tempt the retail stores to make them a feature in their window displays. The quality of the bulb stock improves every day, some very handsome trumpets are being offered, and the different colored tulips are coming in, La Reine, Proserpine, and Yellow Prince are to be found, and some very showy Couronne d'Or were seen. Mignonette of fine grade, freesia, marguerites and calandulas are among the many flowers to be found, and help to supply the shortage in other flowers.

Lilies in fair supply, and callas also, and find good sale. Sweet peas are of good quality, and about equal to the demand. Lily of the valley is meeting with good sale, and some very handsome blooms are to be obtained. Paper White and Orange Phoenix narcissus are in good supply. The high prices of stock forces the retailers to use many blooming plants in their window displays, and very handsome specimens of azaleas and cyclamen are shown in the down town windows.

NOTES.

At Vaughan & Sperry's we noticed a particularly fine grade of American Beauty and other roses, also cat-tayas, of which they are receiving a large quantity.

ROSES

Extra fancy KILLARNEY, WHITE KILLARNEY,
RICHMOND, BRIDE, BRIDESMAID, and
AMERICAN BEAUTIES.

CARNATIONS

A large quantity in all the leading varieties. Our stock
is all of a high grade quality and is bound to please.

No Order Too Large.

No Order Too Small.

HOERBER BROS.

Wholesale Growers of Cut Flowers

51 Wabash Ave.,

Long Distance Phone,
Randolph 2758.
Automatic 41770.

CHICAGO.

C. L. Washburn, of Bassett & Washburn, in an inspection recently made of the stock in the greenhouses at Hinsdale, found the roses in splendid condition, heavily set with buds, and thought it would probably be but little more than a week before they would again be having plenty of stock. This firm at present are cutting a fancy grade of White Killarney roses and carnations of good quality.

The bulb stock which the J. B. Deamud Co. is furnishing their customers, is of very fine quality and a varied line of tulips and narcissus are always on hand. A novelty which this house is supplying is a very dainty lupin, which is a very exquisite addition to the select flowers of this season.

A. L. Simmons, the well-known florist of the West side, says the latest improvement on Sixty-third street is the new system of street lighting, consisting of posts placed at intervals of thirty feet, and extending from Wentworth to Normal avenues, bearing six electric lights.

Kyle & Foerster are filling a large number of orders for carnations that rival any to be seen in the market. The Killarney roses that this firm is offering are of A1 quality, fine buds on long stems, with splendid foliage.

A very novel design in flowers was ordered of Strail & Hahn the past week. It was a beer keg with tap inserted and was placed upon the table of the banquet of the United Brewers' Protective Association.

H. A. Fischer, of Kalamazoo, Mich., was in the city this week on business. Harry reports a rushing holiday trade, the sales of last month exceeding that of any former year.

Poehlmann Bros. Co. is showing a splendid grade of Proserpine tulips and Princess of Wales violets, which are especially worthy of note.



ORCHIDS

:: A Specialty ::

A fine stock of Cattleyas,
Gardenias, Cypridiums,
Assorted Orchids, Valley,
Violets, Beauties, and all
fancy flowers always on hand.
Decorative stock and supplies
of all kinds.

Send for Price List.

CHAS. W. MCKELLAR

51 Wabash Avenue.
CHICAGO.

George Perdikas, 286 Wabash avenue, is enjoying a very busy season. The demand for flowers for funerals has been very large.

Max Cohen is the latest addition to the large force at the Poehlmann Bros. Co. store, having entered upon his duties January 18.

Louis Schrada, of Muscoda, Wis., is spending a few weeks in the city visiting with his cousin, Frank Kral, 1907 Halsted street.

Miss Hayes, on January 23, returned to her duties at E. H. Hunt's, after a week's illness.

Art Christiansen, formerly with H. C. Rowe, has accepted a position as salesman with Paul Blome, 1361 North Clark street.

E. C. Amling and family left January 25 for Orange, Calif., where they expect to remain until the latter part of March.

Ulrich E. Helle, formerly with Holm & Olsen of St. Paul, Minn., has accepted a position with Canger & Gormley.

Miss M. C. Gunterberg is receiving a large quantity of double violets of good quality.

Extra Fancy Cattleyas

Beauties, Orchids, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid
Boxwood, Ferns, Leucothoe and Mexican Ivy
and Fancy Carnations in good supply.

Plenty of all other
casonable stock.

CURRENT PRICE LIST

		Per 100		Per 100	
American Beauty		Per doz.		Per 100	
36 inch and up.....	5 00	Bridesmaid, fancy.....		Freecias.....	
30 inch.....	4 00	" select.....		Mignonette.....	
24 inch.....	3 00	" medium.....		Paper Whites.....	
18 to 20 inch.....	2 00	" good short.....		Romans.....	
Short stem.....	\$1 00 to 1 50	Bride, fancy.....		Sweet Peas.....	
12 to 15 inch.....	per 100, 8 00 to 10 00	" select.....		Tulips.....	
		" medium.....		Valley.....	
		" good short.....		Violets.....	
		My Maryland, fancy.....		Adiantum.....	
		" select.....		Asparagus Plumosus, extra quality.....	
		" medium.....		per bunch.....	
		" good short.....		per string.....	
		CATTLEYAS per doz., \$4 00 to \$6 00		Sprengeri.....	
		Harrisii Lilies per doz., 1 50 to 2 00		Fancy Ferns.....	
		Carnations		Gales.....	
		1st quality.....		Smilax.....	
				Wild Smilax.....	

Boxwood, 25 cents per pound; 50 pound case, \$7.50.

VAUGHAN & SPERRY

LONG DISTANCE PHONE
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

The employees of the Peter Reinberg store were given an enjoyable time by Manager Matchen January 22. The boys were invited out to the house, where luncheon was served, the party consisting of Joe Welsh, John Lozer, Nicholas Wuestenberg and L. Hoekner. After the inspection of the crops at the greenhouses, which had produced good appetites, all returned to Mr. Matchen's house where Mrs. Matchen had provided an ample dinner, which was greatly enjoyed. The appetites, according to rumor, rather surprised the hostess, for "Stogie" is said to have made way with a whole loaf of raisin bread.

The carnations that Henry Van Gelder is receiving are of A1 quality, especially Enchantress, which were particularly noticeable. Two additional telephones were installed this week, making three now in use. In speaking of the new lease which they recently secured of the entire second floor of the building they now occupy, Henry says he now is ready to talk business with anyone that is looking for space. J. C. Craig, and his force of assistants are kept very busy at his store, 176 Wabash avenue, with funeral and decorative work. Mr. Craig had charge of the flowers at the funeral of the late Chief Horan, and speaks very highly of the work of the florists, for some magnificent designs were made for that funeral.

The Chicago Carnation Co. will, in the near future, build three new greenhouses, 30x300 feet, all of modern construction. As soon as the present lease on the store, which they now occupy, expires, they will move into larger quarters, where they can more properly take care of the ever-increasing business.

Stollery Bros., the Wilson avenue florists, on January 24, arranged the decorations both at the house and church for the Bidwell-Connelly wed-

ding. The decorations called for a large number of cut flowers, especially Killarney roses and Easter lilies.

Jupiter Bros., who are appearing at American Music Hall this week in the mystery act, continue to entertain the audience by producing fresh cut flowers from out of the empty air and distributing them to the audience.

G. H. Pleser, of Kennicott Bros. Co., recovered sufficiently from his recent illness to be out on January 21. This firm is now offering a splendid grade of Couronne d'Or tulips and fancy carnations.

Nicholas Armbrust, a pioneer florist of Forest Park, was removed to a local hospital this week, where an operation will be performed, it having become necessary to remove a tumor.

Hoerber Bros., are one of the growers that are in fairly good crop, and were enabled to fill a large number of orders this week for a choice grade of roses and carnations.

Mrs. L. Hoekner, of the Avenue Floral Co., 3810 Ogden avenue, who has been seriously ill, is improving

steadily, and an early recovery is looked for.

E. F. Winterson will go to St. Louis this week to attend the National Bowling Congress, to which he is a delegate and chairman of the executive board.

Frank Vogt, who formerly conducted a store on Cottage Grove avenue, is seriously ill with typhoid pneumonia at his home on West Lake street.

The Alpha Floral Co., 176 Wabash avenue, have a very attractive window display, in which orchids are an important feature.

Frank Klimmer, son of the late J. F. Klimmer, is confined to his bed with a severe attack of rheumatism.

Arthur Paulous recovered sufficiently from his recent illness to be able to be around, and was seen in the local market this week.

Vieter Bros. are cutting a choice grade of American Beauties, White Killarney and other roses.

Zech & Mann are receiving some tulips and narcissus of extra good quality.

"The Busiest House in Chicago."

Wholesale Cut Flowers

Is Our Business

We want to supply the retailers with their shortage.

J. B. DEAMUD CO.

Long Distance Phone
Central 3155.

51 Wabash Ave., CHICAGO

BEAUTIES!

We are cutting heavily in **AMERICAN BEAUTY ROSES** and can fill your order on short notice. Also a fancy grade of **RICHMOND, KILLARNEY** and **WHITE KILLARNEY**. Plenty of all other seasonable stock.

PRICE LIST:

AMERICAN BEAUTIES

	Per Doz.
Extra long.....	\$5 00
36-inch stem.....	4 00
30-inch stem.....	3 50
24-inch stem.....	3 00
20-inch stem.....	2 50
18-inch stem.....	2 00
16-inch stem.....	1 50
12-inch stem.....	1 00
Short stem.....	75

	Per 100
Richmond.....	\$12 00
Killarney.....	8 00 to 10 00
White Killarney.....	6 00
Field.....	5 00
My Maryland.....	
Uncle John.....	
Bride.....	10 00
Ivory.....	8 00
Sunrise.....	5 00
Gate.....	
Perle.....	

ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

CARNATIONS

	Per 100		Per 100
Fancy.....	\$ 4 00	Violets.....	\$ 75 to \$1 25
Common.....	\$2 00 to 3 00	Adiantum.....	1 00
Harrisii.....per doz., \$2 00		Asparagus.....per bunch,	\$0 50
Valley.....	4 00	Ferns.....per 1000,	2 50

Subject to change without notice.

PETER REINBERG, 35 Randolph St. CHICAGO.

A Grand New Carnation

Bright Spot

Outclasses everything heretofore grown in the dark pink class.

Won first honors in the 100 class for the best dark pink at the A. C. S. meeting, Pittsburg, January 1910, also at the Chicago Flower show, November, 1909.

It is a pure bright dark pink of even shade, size $3\frac{1}{2}$ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price per 100, - \$ 12.00 Price per 5000, - \$400.00

" " 1000, 100.00 25 at 100, 250 at 1000 rates

Place your order now to be in on early deliveries.

NIC. ZWEIFEL, North Milwaukee, Wisconsin.



At a meeting of the wholesale men held on January 18, a committee, consisting of C. N. Dickens, Nic. Wietor, Phil. Schupp and J. Foerster, was appointed to ascertain from each wholesale florist in the city the amount of rent he is paying, the date his lease expires, and such other information as would aid the committee in formulating the plan for securing the lease of the proposed building on Market and Lake streets. C. L. Washburn, who was made chairman of the committee at a previous meeting, thinking that some other could better fill that posi-

tion, appointed George Reinberg to act in that capacity. A meeting was held at noon Tuesday, January 24, and another at the same hour on the following day, and another meeting Wednesday evening, January 25, at which it was expected some definite arrangements would be made. The above mentioned committee made their report at this meeting, particulars of which will be printed in next week's issue.

John J. Stuppy, of the Stuppy Floral Co., of St. Joseph, Mo., is in the city getting prices on material for four new greenhouses, 30x300 feet. This firm

does both a wholesale and retail business, and has 200,000 square feet of glass.

Visitors: A. K. Butchart, Winnipeg, Can.; E. E. Stewart, River Junction, Mich.; John and Elmer Walker, Youngstown, O.; L. L. Lamborn, Alliance, O.; A. C. Brown, Springfield, Ill.

HAGERSTOWN, MD.—Part of the greenhouses of William Bester & Sons was blown in by the terrific windstorm and hundreds of panes of glass were broken.

We are Cutting ■
Large Quantity of

LONG STEM BEAUTIES

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
Extra longstems.....	\$ 4 00
36-inch stems.....	3 50
30-inch stems.....	3 00
24-inch stems.....	2 50
20-inch stems.....	2 00
18-inch stems.....	1 50
16-inch stems.....	1 25
12-inch stems.....	1 00
Short stems.....	\$4 00 to 6 00

	Per 100
Killarney	Extra fancy.....\$10 00
White Killarney	Fancy.....8 00
Mrs. Jardine,	Good.....6 00
Richmond,	Short.....4 00
Bride,	
Maid,	Fancy.....\$8 00
Uncle John,	Good.....6 00
Perle	Short.....4 00

	Per 100
Roses, Our Selection	5 00
Carnations, fancy.....	4 00
Good.....	2 00 to 3 00
Valley.....	4 00 to 5 00
Adiantum.....	1 00
Sprenger, per bunch..	\$ 0.50 to \$0.75
Asparagus " " " " " "	.50 to .75
Ferns, per 1000.....	2 00
Galax.....	1.00 to 1.50

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

WIETOR BROS.,

L. D. Phone, Randolph 2181.
51 Wabash Avenue,

CHICAGO.

C. Clemenson, 7801 Railroad avenue, has a house of asparagus sprenger in four and five-inch pots, that are looking fine, a stock that is always rather short at this season.

Frank Oeschlin stole a march on his many friends on January 19, when he and Miss Rose Meyer, of this city, were quietly married.

Chicago Bowling.

On January 22, the All Stars of Joliet defeated the local team in that city in three close and exciting games. The boys offer no excuse for their defeat but hope to win back their lost laurels when they play the same team in this city in the near future. On January 18 the Orchids won two and lost one game, the Roses won three straight. The Carnations won one and lost two and the Violets lost three.

The following table shows the number of games won and lost by each team to date:

Won.	Lost.	Carnations	Won.	Lost.
Orchids.....30	12	Violets.....19	23	
Roses.....23	19	Violets.....12	30	

Individual and team scores for games played January 18:

Violets.	Orchids.
Stumpy.....127 156 110	Huebner.....132 95 149
Lieberman.....117 142 176	Zech.....133 173 152
Friedmann.....157 176 112	Graff.....147 143 153
Lorman.....168 156 171	Degnan.....165 190 144
Yarnall.....171 153 163	Farley.....185 172 159
Totals.....740 783 732	Totals.....762 773 757
Roses.	Carnations.
Wolf.....178 172 161	Ayers.....142 141 163
Foster.....162 162 163	Krauss.....158 132 124
Eyers.....136 155 170	Goetsch.....115 147 136
Winterston.....159 163 152	Schultz.....131 161 171
Fisher.....145 179 186	A. Zech.....164 200 157
Totals.....780 831 851	Totals.....710 789 747

Milwaukee.

A FAMINE IN FLOWERS.

There is a famine in flowers in this market, with carnations and roses very scarce. Carnations are of a very fine grade. Killarney roses were badly off color last week, but have regained their natural color. Violets are very fine and enough to fill all orders. There are a few Easter lilies and callas which clean up readily. American Beauties are very shy. White and yellow tulips are now in and are selling well. Sweet peas of fine grade and all colors are being received. Cut greens enough to fill all orders.

NOTES.

Holton & Hunkel Co.'s store-room has a sad appearance in the afternoon, as all the stock is cleaned up in the morning. F. H. Holton and H. V. Hunkel each blew themselves for an

ROOTED

Carnation Cuttings

Prompt Delivery. Absolutely the Best Paying Varieties for any Florist to Grow.

	Per 100	Per 1000
Washington, beautiful cerise sport of Enchantress, the color of Mrs. Lawson.....	\$10 00	\$ 75 00
White Enchantress, pure white.....	3 00	25 00
Enchantress, excellent stock.....	3 00	25 00
Dorothy Gordon, very fine color, large flowers, long stiff stem.....	6 00	50 00
Scarlet Glow, intense scarlet, free flower, long stem.....	6 00	50 00
Sangamo, brilliant pink, very free, this variety has made good conquest, flesh pink overlaid with beautiful rose, very free.....	6 00	50 00
Shasta, very fine white, exceptionally free.....	6 00	50 00
Princess Charming, beautiful flesh pink.....	12 00	100 00
Christmas Cheer, scarlet, suitable for pot culture or cut flowers.....	15 00	120 00
Mary Tolman, deep flesh, strong stems, good producer.....	6 00	50 00
J. Whitcomb Riley, yellow.....	6 00	50 00
Pink Delight, deeper flesh than Enchantress, long wiry stems, excellent keeper.....	6 00	50 00
May Day, flesh pink, exceptionally free, good stem, does not burst its calyx.....	3 00	25 00
Rose Pink Enchantress, even shade of rose pink.....	3 00	25 00
Winsor, medium pink.....	3 00	25 00
Winona, medium pink.....	3 00	25 00
Alvina, cerise, a wonderful producer of medium sized flowers on good stems.....	3 00	25 00
Aristocrat, cerise, large flowers on long stiff stems.....	3 00	25 00
Afterglow, cerise, large fringed flowers, stiff stem.....	3 00	25 00
White Perfection, still a favorite with many.....	3 00	25 00
O. P. Bassett, scarlet, large flowers, long stem.....	3 00	25 00
Victory, deep scarlet, one of the very best.....	3 00	25 00
Beacon, orange scarlet, very good.....	3 00	25 00

Our entire stock of Rooted Cuttings are exceptionally free from disease, strong and well rooted. We guarantee them A No. 1 or money refunded. Order now for immediate or later delivery.

Chicago Carnation Co.,

A. T. PYFER, Manager.

35-37 Randolph St., Phone Central 3373, CHICAGO.

Overland Touring car at the automobile show.

Currie Bros. Co. are remodeling their store, putting up a balcony in the rear in which they intend to install their office. They are also putting in a large red cabinet.

J. E. Matthewson, of Sheboygan, and Jos. Wagner, of Beaver Dam, were

visitors at the automobile show and are contemplating buying new cars.

C. C. Pollworth Co. has just invested in a new Utility auto truck to do their delivering and make trips to and from the store and greenhouses.

Fred Schmeling is cutting a few Easter lilies of fine grade.

G. R.

Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —
76 Wabash Avenue, CHICAGO

KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago
L. D. Phone, Central 466.

We will have anything in the line of
CUT FLOWERS and GREENS

that you may want if anybody has it at
Chicago market prices on day of shipment.

HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 51 Wabash Avenue CHICAGO

Percy Jones

60 Wabash Ave., CHICAGO

PEOHLMANN BROS. CO.

Wholesale Growers of and Dealers in

Cut Flowers

All telegraph and telephone orders
given prompt attention.

Greenhouses 32-37 Randolph St.
MORTON GROVE, ILL. CHICAGO.

St. Louis.

STOCK VERY SCARCE.

Dark and cloudy weather has prevailed all week and stock is very scarce, and the wholesalers clean out almost as soon as shipments arrive. Many of the retailers are so anxious to get stock that they assist in opening up the boxes when they arrive at the commission houses. Violets are selling well. The graduating exercises will take place during the coming week, and there will also be quite a few weddings.

NOTES.

The retailers' banquet at the Marquette Hotel, January 23, was a very enjoyable affair. The wholesalers had been sent special invitations. C. C. Sanders was toastmaster, and during the remarks the wholesalers explained the scarcity in the market, attributing the very high prices to the lack of supply. Good music was interspersed throughout the evening.

Mrs. M. S. Myers, at Suburban Tracks, is enjoying a nice business. Her father, George Wampler, of Ottawa, Kans., is making her a visit. Miss Edith Phillips posed as a bride and Miss Isabelle Schultz as a bridesmaid in Grimm & Gorly's window display of bridal flowers.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of

CUT FLOWERS

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

32, 34, 36 RANDOLPH STREET,
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Wholesale Flower Markets

	CHICAGO, Jan. 25.	Per doz.
Roses, Beauty, extra select ...	6 00	
" " 36 in.	5 00	
" " 24 in.	4 00	
" " 18 in.	3 00	
" " 12 to 15 in.	1 00@ 1 50	
" " Short.	4 00@ 6 00	Per 100
" " Bride, Bridesmaid, select.	15 00	
" " medium 8 00@ 12 00		
" " Killarney, select.	15 00	
" " medium and short 8 00@ 12 00		
" " Kaiserio.	4 00@ 12 00	
" " Mrs. Jardine.	4 00@ 12 00	
" " My Maryland.	4 00@ 12 00	
" " Perle.	4 00@ 12 00	
" " Richmond.	4 00@ 12 00	
" " Uncle John.	4 00@ 12 00	
" " White Killarney, select.	15 00	
" " medium 8 00@ 12 00		
Carnations.	2 00@ 3 00	
" " fancy.	6 00 4 00	
Cattleyas. per doz., 4 00@ 6 00		
Cypripediums. 15 00@ 20 00		
Gardenias. per doz., 3 00@ 6 00		
Dendrobium Formosum. 6 00		
Freasias. 3 00@ 4 00		
Lilium Harrisii. 15 00		
Lily of the Valley. 3 00@ 5 00		
Nichonette. 4 00@ 8 00		
Narcissus. 3 00@ 4 00		
Sweet Peas. 75@ 1 00		
Tulips. 3 00@ 4 00		
Violets. 75@ 1 25		
Adiantum. per 100, 75@ 1 25		
Asparagus Plgm. strings, each. 3 00@ 4 00		
" " sprays. 60@ 75		
" " Sprenger. 3 00@ 4 00		
Boxwood. per case, 7 50		
Ferns. per 1000, 2 00@ 2 50		
Leucothoe. 2 00		
Smilax. per doz., 2 00		
Wild Smilax. per case, 5 00		

Riessen Floral Co. will furnish bouquets of red carnations for the graduation exercises at the McKinley High School.

John Quinn has given up his store on Grand avenue, and returned to California.

A special violet display was made by the Paris Floral Co., January 21.

H. & H. Gross are cutting some very fancy violets and carnations.

Adolph Brix is reported on the sick list.

W. F.

WIETOR BROS.

Wholesale **Cut Flowers**
Growers of

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

Mention the American Florist when writing



Mention the American Florist when writing

A. L. Randall Co.

19-21 Randolph St.,
CHICAGO.

L. D. Phone Central 1496. Private Exchange
All Departments. If you do not receive our
price list regularly send for it.

Mention the American Florist when writing

Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO
Telephone, Central 3284.

W. P. KYLE

JOSEPH FOERSTER

Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

Geo. Reinberg

Wholesale Florist

35 Randolph Street, CHICAGO.

WASHINGTON, IA.—The greenhouses of Jos. P. Melisky were destroyed by fire, January 10. His entire stock is lost, including one house each of roses, carnations, lettuce and smilax, also his propagating stock for the coming season. The place was partly covered by insurance and will be rebuilt at once.

WARD'S

ROOTED CUTTINGS

Alma Ward.....\$7.00 per 100; \$80.00 per 1000
Mrs. C. W. Ward.....6.00 per 100; 50.00 per 1000

Delivery after March 15th, 1911.

Good, profitable commercial varieties. We are handling flowers every day, commanding highest prices on the market. Send for our descriptive list of the Wards and other good varieties.

THE LEO NIESSEN CO..

Business Hours: 7 a.m. to 8 p.m.
1209 Arch St.,

Philadelphia, Pa.

Philadelphia.

A SCARCITY OF FLOWERS.

The scarcity of flowers still continues the feature of the market. White roses are particularly scarce, there being not one-fourth enough for the demand. Richmonds are also very shy, coming in mere handfuls, where shipments ordinarily would amount to two or three hundred at a time. American Beauties are also very scarce, with prices away up; \$9 per dozen was the price all last week, and on Monday last for the specials, and very few at that. Killarneys were more plentiful, but prices were well held, with nothing worth handling under \$8. White tulips, fortunately, were to be had in fair quantity, and helped out the situation, being used in place of roses for funeral work. White lilac has sold very well, taking the place of roses as a cut flower. Cattleyas are very much in evidence, and prices rule low, particularly in hundred lots. Carnations, like all other flowers, have been far short of the demand, and as much as \$8 has been obtained for the specials. Daffodils are more plentiful, as is lily of the valley, the new crop now coming in from several growers. Sweet peas were much affected by the dull weather, and only about one-third of the usual cut is coming to the market, select stock is held at high figures. Judging from the out-of-town demands, the scarcity extends over a large radius, as orders are constantly arriving for flowers far in excess of the stock on hand to fill them, and the commission houses are severely taxed to keep their trade in a measure satisfied.

NOTES.

D. T. Connor, the live agent of the Lord & Burnham Co. for this district, reports a new iron frame, cement house for John Stephenson's son, of Old York road, which is to go up immediately. It is to be seventy-two feet in width, by four hundred in length, and the ridge pole thirty feet in height. This is to be erected in a portion of the nursery, a short distance from the old plant; a new boiler and house for the same is also in the contract. Mr. Connor also reports a house for Stevenson Bros., of Baltimore, Md., a modern iron frame, 43x206. Sundry small jobs are also under way, and considerable new work is in sight for the coming summer.

The Exhibition Committee of the Florists' Club desire to make a good display at the next meeting, when W. H. Tappin, of Brooklyn, will read a paper on the carnations of today. Those having new varieties which they want to place before the public, should send them, care of David Rust, Horticultural Hall, express prepaid, to arrive Tuesday, February 7, when they will be properly staged for the inspection of the members and the judgment of the club's flower committee. This will be a very interesting meeting and all those interested in the divine flower should attend.

The Habermehl's decorated Horticultural Hall one day last week in the most superb manner. It is said to have been one of the best decorations ever seen in this city. It was for a large, private ball, in honor of a popular debutante. The window decora-

Wholesale Flower Markets

PHILADELPHIA, Jan. 25.			Per 100
Roses, Beauty, extra.....	40	00@	30 00
" first.....	20	00@	30 00
" Brides and Maids.....	4	00@	12 00
" Killarney.....	4	00@	25 00
" White Killarney.....	40	00@	15 00
Cattleyas.....	40	00@	25 00
Gardenias.....	per doz., 2	00@	4 00
Lilium Harrisii.....	8	00@	12 00
Lily of the Valley.....	3	00@	5 00
Mignonette.....	5	00@	8 00
Snappdragons.....	10	00@	25 00
Sweet Peas.....	40	00@	1 00
Violets.....	50	00@	1 00
Adiantum.....	75	00@	1 00
Asparagus.....	per bunch, 50		
Smilax.....	15	00@	20 00
PITTSBURGH, Jan. 25.			Per 100
Roses, Beauty, special.....	25	00@	35 00
" extra.....	15	00@	0 00
" No. 1.....	10	00@	12 00
" Bride, Bridesmaid.....	3	00@	12 00
" Chateaufort.....	3	00@	12 00
" Killarney.....	3	00@	12 00
" My Maryland.....	3	00@	12 00
" Richmond.....	3	00@	12 00
Carnations.....	3	00@	4 00
Cattleyas.....	60	00@	
Lilium Longiflorum.....	10	00@	12 00
Lily of the Valley.....	4	00@	
Paper Whites.....	3	00@	
Romans.....	2	00@	
Sweet Peas.....	50	00@	1 00
Adiantum.....	1	50@	
Asparagus Sprengeri, per bunch, 50			
" strings.....per string, 50			
" sprays.....per bunch, 50			
Smilax.....	15	00@	

tions of this firm, at their Bellevue-Stratford store, are worth going along distance to see.

Letters have been received from Robert Craig, who is now in the Isle of Pines. He reports the weather grand, a wonderful change from the wintry region he left behind.

Pennock Brothers had a fine window of cattleyas and Adiantum Farleyense arranged on a foundation of cork bark. It attracted much attention.

John Westcott and wife sailed for Bermuda on January 19, to spend some weeks in that sunny clime. K.

Pittsburg.

ROSES STILL SCARCE.

The market still remains about the same as last report, excepting carnations, which are coming in more plentiful, are helping out the rose situation fairly well. Funeral work is very plentiful and it keeps the retailers hustling for stock. With a few more days of sunshine, like the present, stock will be more plentiful. Special American Beauties were very much in demand Friday and Saturday, with very few to be had.

NOTES.

The Pittsburg Florists' and Gardeners' Club will hold their next meeting, February 7. There being an election of officers at that meeting a good attendance is expected.

Gustave and J. W. Ludwig, North Side, are going to open a new store at 502 Federal street. They have leased a large store room and will show a very up-to-date store.

James Laskey, of this city, is opening a flower stand in the Pennsylvania railroad depot at Uniontown.

C. F. Young, Canton, Ohio, was a business caller in town Friday.

FANCY

Valley Violets, Lilacs

THE McCALLUM CO., Inc.
PITTSBURGH, PA.

Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA.

Pittsburg Florists' Exchange

WHOLESALE FLORISTS

All Seasonable Flowers
Consignments Solicited

15 Diamond Sq. PITTSBURGH, PA.

The Florists' Exchange....

729 13th Street, N. W.

WASHINGTON, D. C.

Solicit Consignments of First-Class Stock
"Honesty Our Motto." Try Us.

Grand Rapids Greenhouse Co.,

The Leading Wholesale Florists
Of Michigan.

200,000 square feet of glass devoted to Cut Flowers. Shipments everywhere. Prompt and Satisfactory. Write us for particulars.
Grand Rapids Greenhouse Co., Grand Rapids, Mich.

Geo. Stanger, North Side, who has been connected with the retail stores here a number of years, has located in Oklahoma.

I. E. Butler, New Kensington, Pa., has sold his flower store to McRay & Jenkinson, of that place.

Fritz Ulerie, North Side, has opened a flower store in the Stag Hotel, Anderson street.

Walter Paul bought and has taken charge of the Fritz Ulerie store, Federal street.

Arthur James, of Turtle Creek, is taking a business trip through Florida. M. Lustick and wife, of Washington, were recent business callers.

Some very fine lilac is seen at the McCallum Co.

Visitors: J. Schneider, Edwards Box Co., Philadelphia; S. Smith, Boas Box Co., Philadelphia; Joe Thomas, Greensburg; Geo. L. Herscroft, Steubenville, Ohio. J.

American Beauties

Lily of the Valley, Carnations and all Tea Roses,

In lots of one hundred to one thousand. Phone or wire us.

WELCH BROTHERS, 226 Devonshire St. Boston, Mass.

Asparagus Plumosus Nanus

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

—CONSIGNMENTS SOLICITED.—

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES
SEEDS and BULBS.

Price List on Application.

316 Walnut St., CINCINNATI, OHIO.

Phone Main 594.

Boston.

STOCK SCARCE.

The condition of the flower market at the present time is as follows: Roses are very short in supply and prices have advanced until they have reached the figures of a special time, such as Christmas or Easter. Carnations have shortened up and the price has also advanced. Lilies are scarce and very hard to obtain in any large quantity. Lily of the valley is coming into the market in good condition, and there is usual amount for the season. Various kinds of bulbous stock are being sent into the market in large quantities and the prices obtained are a little better than they were a week ago, and on account of the scarcity of roses and carnations the salesmen are able to dispose of the stock which is shipped to them by the growers at fairly good prices. At the same time the growers of roses are not satisfied. While admitting that they are receiving good prices they say that they are not cutting many, but do not seem to realize that if they were getting a good supply, they would not receive the prices ruling at the present time.

NOTES.

The Gardeners' and Florists' Club held their regular meeting Tuesday evening, January 17. It was a ladies' night and installation of officers for the coming year. There was a very large attendance, numbering about three hundred. Interest in the club seems to be increasing. There is a better attendance at the meetings, and at the present time, with the ten admitted at the last meeting, the club reports a membership of over four hundred, and the finances show a good balance on the right side. It is intended to have a banquet next month.

William Caharer, who was taken to the hospital for an operation about ten days ago, is getting along nicely, and expects to go to his home during the coming week.

It is reported that Morey Bros., situated at Oak Square, Brighton, have closed up their greenhouses. H. C. W.

Monmouth County Horticultural Society.

The seventh annual banquet of the Monmouth County Horticultural Society was the largest the society ever held. One hundred and twenty-five members and guests were present. The table decorations consisted of orchids, roses, carnations, Lillium Harrisii, frezias, Roman hyacinths and narcissus. The dinner was excellent and the serv-

HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

Wholesale Flower Markets

BOSTON, Jan. 25.	Per 100
Roses, Beauty, beat	35 00@60 00
" medium	15 00@25 00
" culls	6 00@8 00
" Bride, Bridesmaid	2 00@8 00
" Extra	8 00@16 00
" Killarney and Richmond	8 00@16 00
" My Maryland	4 00@16 00
" Carnot	8 00
Carnations select	2 00@3 00
" fancy	3 00@4 00
Callas	8 00@12 00
Cattleyas	35 00@50 00
Chrysanthemums	8 00@35 00
Gardenias	25 00@35 00
Lilium Longiflorum	8 00@10 00
Lily of the Valley	2 00@4 00
Violets	50 @ 75
Smilax	12 00@16 00

ST. LOUIS, Jan. 25.	
Roses, Beauty, long stems	30 00@40 00
" medium stems	8 00@10 00
" short stems	2 00@4 00
" Bride, Bridesmaid	2 00@8 00
" Killarney	5 00@8 00
" My Maryland	5 00@8 00
" Richmond	5 00@8 00
Carnations	4 00@5 00
Easter Lilies	12 50@15 00
Valley	4 00
Adiantum	1 25
Asparagus Sprengerii	2 00@3 00

CINCINNATI, Jan. 25.	
Roses, Beauty, per doz.	1 00@6 00
" Bride, Bridesmaid	2 00@8 00
" Golden Gate	2 00@8 00
" Killarney	2 00@8 00
" Richmond	2 00@8 00
" Pres. Taft	3 00@8 00
Carnations	3 00@4 00
Callas	10
Hyacinths, Roman	2 00@3 00
Lilium Longiflorum	12 50@15 00
Narcissus Paper White	4 00@9 00
Lily of the Valley	3 00@4 00
Sweet Peas	25 @ 100
Violets	75 @ 1 00
Adiantum	1 00@1 50
Asparagus Plumosus	per bunch. 25
" per string. 50	
Asparagus Sprengerii	per bunch. 25

MILWAUKEE, Jan. 25.	
Roses, Beauty, per doz.	1 50@5 00
" Bride	4 00@10 00
" Killarney	4 00@12 00
" Richmond	4 00@12 00
" Perle	4 00@10 00
Carnations	2 00@5 00
Lilium Giganteum	per doz., 2 00
Lily of the Valley	4 00
Paper Whites and Romans	3 00
Stevia	2 00
Violets	75 @ 1 00
Adiantum	1 00
Asparagus	50
" Plumosus	per bunch. 35
" Sprengerii	25
Boxwood	per bunch. 50
Ferns, Fancy	per 1000, 2 00
Galax	1000, 1 50
Smilax	per doz., 1 75
Wild Smilax	per case. 5 00

ice was most commendable. The proprietor of the Globe Hotel in which the banquet was held can be congratulated on having served a dinner superior to any ever furnished in Red Bank to this or any other society. The large dining room was beautifully decorated and brilliantly lighted and the guests were seated at fourteen tables. Over fifty more asked for invitations but on account of space could not be considered. Arthur Herrington made such a clever toastmaster that

H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Both L. D. Phones. Supplies and Everything in Season always on hand

RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

THE MUNK FLORAL CO.

Wholesale Growers of CUT

FLOWERS and Jobbers of

FLORISTS' SUPPLIES.

Columbus, Ohio

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.00 per doz.; Laurel Trimming, 4 and 5c per yard.

those who did not know him took him for a professional. Mr. Herrington in his address before calling on the different speakers stated that the Monmouth County Horticultural Society was second to none in the state, and Charles Totty, Madison, N. J., said that the great success of the National Chrysanthemum show at Madison was largely due to the Monmouth County Horticultural Society. All in all the dinner was a great success, and the committee, especially the chairman, Richard Applegate, are to be congratulated on their good work.

N. BUTTERBACK, Sec'y.

New York.

SHORTER SUPPLY.

There has been a somewhat less supply in some lines of cut flowers during the past week, consequently prices have had a tendency to be firmer. The solid week of dark, damp weather that prevailed a short time ago is now having its effect. Roses particularly, are not quite up to their usual standard of excellence, but a few more days of sunshine will restore normal conditions. The demand for all varieties of roses has been such as to keep them cleared out nicely, and without any undue slaughtering of prices. The shorter grades particularly, have been going out readily and at what is considered very satisfactory figures. Brides and Bridesmaids, not being so numerous any more in this market, have been in exceptionally good demand at times. Carnations have also enjoyed a fairly steady call, prices have been firm and a slight advance over last week's prices has been possible most of the time.

Violets are very plentiful and, with the weather is favorable, as has been the case lately, they have been easily unloaded to the street merchants though at rather low prices. Sweet peas, when good, have moved quite well. The inferior stock is the most difficult to realize on. Cattleyas have been too many for the needs of the retailers and low prices have prevailed. Other orchids are in very limited quantities only. Gardenias are in regular supply still and no change in values is noted. Tulips are more numerous and, as the season advances, the quality improves very much and they clear out fairly well. Callas are finding a steady demand and bring good averages. Lily of the valley is not running quite brisk enough to use up the supply steadily. Lilies continue good sellers when first class, the poorer flowers are not wanted unless they are offered at a low price. Paper white narcissus is still very plentiful; Campernelle, Golden Spur and Princes are all coming in regularly and do much better than the white. Smilax is much too plentiful and is going down, good strings being freely offered at from 75c to \$1.00 per dozen.

NOTES.

Although roses are not as plentiful as usual, a few dealers are receiving quite heavy consignments daily. W. F. Sheridan is handling regularly plenty of first-class Killarney, H. E. Froment is in daily receipt of plenty of good Richmonds. Traendly & Schenck have a constant supply of Killarneys and American Beauties. M. C. Ford receives regularly, My Maryland and American Beauties in quantity. P. J. Smith gets Brides and Bridesmaids, and the Penock-Meehan Co. in addition to regular consignments of Killarney, have always on hand a supply of the yellow rose, Melody.

The space at Canal and Washington streets, for so many years used by the plant growers as an early morning market, is now used by the city as a depot for the Street Department's wagons.

It is believed now, that the plant market, during the coming spring, will be held somewhere near the Williamsburg bridge, Fifty-ninth street and East River. This would seem quite out of the way for the Jersey growers but very convenient for the Long Island men.

Carl Stumm, retailer, Nineteenth street and Fourth avenue, and who has been in that location for the last seven years, is under the impression that the doing away with hotels in this neighborhood and replacing with business and office buildings, has not been conducive to any betterment for the florist's business.

The North Westchester County Horticultural Society held their annual banquet at the Castleton Inn, Mt.

Kisco, January 19. M. O'Brien, president of the society, acted as toastmaster, and a most enjoyable evening was spent. Visitors from New York included the Rickards Bros., McTaggart and Maynard.

Frank Valentine, one of the uptown florists, is already making plans for the decorations for a ball to be given on March 28, in Majestic Hall, One Hundred and Twenty-fifth street and Park avenue. The affair is to be given under the auspices of a political association, of which Mr. Valentine is the leader.

The Greek ball, held in Grand Central Palace on January 18, was one of the greatest social events of the season. Over 2,000 were in attendance and the affair was run from start to finish with pleasant smoothness. Many in the trade other than Greeks were in attendance and enjoyed it immensely.

A. Moltz & Co. have taken additional space next to their quarters at 57 West Twenty-sixth street. By taking out partitions, and re-arranging their offices, a greatly increased floor area has been secured and a large new ice box made more room necessary.

The many friends of H. A. and W. H. Siebrecht will learn with regret, of the death of their aged father, which occurred recently. The deceased had reached the ripe old age of 92 years, coming here from Germany almost 50 years ago.

C. H. Totty, William Duckham and Schultz of Madison, N. J., attended the dinner of the Monmouth County Horticultural Society at Redbank, N. J., January 18, and report having had a splendid time.

Wm. Amos, Jr., well known to the frequenters of the Cut Flower Exchange, is ill in St. John's Hospital, Long Island City.

R. Vincent, Jr., White Marsh, Md., will give an illustrated lecture at the February meeting of the New York Florists' Club.

The Nassau County Horticultural Society held their annual dinner at Schleicher's Hall, Glen Cove, N. Y., January 25.

Hart, the Madison avenue florist, who was burned out, is temporarily located in a basement near to his old stand.

Visitor, Mrs. A. Lindstrom, Stamford, Conn.

Washington.

EVERYTHING OFF CROP.

Business has been good during the past week, but there has been a notable scarcity of good cut flowers, particularly roses and carnations. Wholesale prices for roses have been pushed up to \$1.00 and \$12.00 per 100 and even at that price many of the roses look as though they had gone through a bleaching process. Orchids, violets and sweet peas are arriving in more liberal supply and good quality. The weather for the past few weeks has been fair and mild and favorable to growers. The prevailing excuse for the shortage and high prices is that "everything is off crop."

NOTES.

Z. D. Blackstone executed an elaborate decoration January 20 at Rauscher's for a cotillion given by Mrs. Oliver Cromwell for her daughter, Miss Louise Cromwell. Experts have pronounced it the most beautiful and elaborate affair of this season. The scheme of decoration was very original and attractive. For the receiving party a rustic garden was created, beautifully decorated with roses, smilax and mosses. The stairways were beautiful with borders of azaleas and ferns and palms were banked in every available nook and corner. The table decorations were largely of poinsettias.

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A recent visit to the range of Theodore Dietrich, Congress Heights, disclosed some very interesting features. He makes a specialty of single violets, sweet peas, nigronette, snapdragons and stocks. His range is admirably local and all that he grows finds a ready sale in the best stores of this city.

On the night of January 14 J. H. Small & Sons executed a very notable dinner decoration at the home of John R. McLean. There were nine tables and on each table there was a magnificent display of American Beauty roses, the like of which has never previously been seen in this city.

D. I. Saunders, one of the oldest florists of this city, has been practically forced out of business. A street has been opened through his property and his remaining greenhouses have been left in such a deep hole that he has decided to abandon them.

Albert Esch, at his range on O street near North Capital street, has a splendid line of small ferns suitable for table decorations and also many fine flowering plants. He expects to make extensive improvements at an early date.

On the afternoon of January 21, a fire in the basement of F. H. Kramer's F street store created quite an excitement. Fortunately it was subdued before it had made great headway. The loss was but nominal and business was soon resumed.

Miss Rosie Ethel Norton and Rollins Keen were married on January 18 at the home of the bride's parents in Anacostia. The bride is the daughter of Robert H. Norton, for many years a faithful employe of Alex. B. Garden.

The range of the American Rose Co., which previous to the advent of A. Gude & Ero. was the largest range in this district, is now being dismantled and the glass and pipe is being advertised for sale.

C. P. Grose, who started in business several years ago near the Congressional Cemetery, has built up a good business and intends to enlarge his range this year.

John Gutman, of Congress Heights, who has recently erected a fine new greenhouse, is showing fine features in primroses and other pot plants.

A. F. F.

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Roses, Beauty, special.....	25 00@ 60 00
" " extra and fancy.....	30 00@ 20 00
" " No. 1 and No. 2.....	4 00@ 5 00
" Bride, Bridesmaid, special.....	10 00@ 15 00
" " extra and fancy.....	6 00@ 8 00
" No. 1 and No. 2.....	3 00@ 6 00
" Killarney, My Maryland.....	10 00@ 12 00
" " extra and fancy.....	6 00@ 8 00
" " No. 1 and No. 2.....	3 00@ 6 00
" Richmond.....	3 00@ 15 00
Carnations.....	3 00@ 5 00
Callas.....	10 00@ 12 00
Cattleyas.....each.....	25@ 60
Gardenias.....per doz.....	2 00@ 5 00
Lilium Longiflorum.....	6 00@ 10 00
Lily of the Valley.....	1 00@ 3 00
Narcissus P. White.....	1 25@ 1 50
" Yellow.....	2 00@ 5 00
Roman Hyacinths.....	1 25@ 1 50
Sweet Peas.....per doz.....	75@ 1 50
Tulips.....	2 00@ 4 00
Violets.....	25@ 40

BUFFALO, Jan. 25.

Roses, Beauty, special.....	40 00@ 50 00
" " fancy.....	30 00@ 35 00
" " extra.....	30 00@ 25 00
" " No. 1.....	10 00@ 15 00
" " No. 2.....	5 00@ 7 00
" Bride, Maid, Killarney.....	6 00@ 15 00
" Killarney, White and Pink.....	6 00@ 15 00
Carnations.....	3 00@ 5 00
Callas.....	12 00@ 15 00
Lilium Longiflorum.....	12 00@ 15 00
Lilium Speciosum.....	4 00@ 6 00
Lily of the Valley.....	3 00@ 4 00
Mignonette.....	3 00@ 4 00
Narcissus Paper Whites.....	2 00@ 3 00
Stevia.....	1 00@ 1 25
Sweet Peas.....	75@ 1 00
Violets.....	50@ 75
Adiantum Crowneum.....	75@ 1 50
Asparagus, per bunch.....	35@ 50
Asparagus Sprengeri.....	35@ 50
Asparagus Str.....	50@ 60
Ferns.....per 1000.....	\$2 00
Galax, green and bronze.....	1 50
Leucothoe Sprays.....	75
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18x5x3.....\$1 75	24x8x5.....\$3 50
21x6x3½.....1 85	28x8x5.....3 75
24x6x3½.....2 35	30x8x5.....4 50
28x6x3½.....2 90	36x8x5.....5 50
30x6x3½.....3 00	30x12x6.....6 25
21x8x5.....2 85	36x14x6.....7 50

Double Violet Boxes.

9 4x4.....\$1 75	10x7x8.....\$2 50
9½x6x5.....2 25	12x8x7.....3 00

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Boxwood, excellent quality, 16c per lb
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Richard Jennings has found Mrs. C. W. Ward carnation so gratifying that he intends to cultivate it largely during 1911. Mr. Jennings' establishment is in fine trim at present, and he is contemplating a visit to his native land in the summer to be present at the convention.

Judging by the many agreeable comments the Killarney rose has at last come into its own. The pink and white Killarney have become great favorites with the Canadian public. The Canadian Queen is more popular than ever, and blooms sent from here to London, Eng., in November were used in the decorations at the Lord Mayor's banquet.

The six new houses at the Dale Estate have been fitted up and the young stocks for Easter taken in. The tulips and daffodils forced at this establishment are quite up to the usual mark, although the bulbs were not taking in appearance last autumn.

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Milwaukee—C. C. Pollworth Co.
Nashville, Tenn.—Gentry Bros.
New York—D. Clark's Sons, 2139 Broadway.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 571 5th Ave.
New York—Malandre Bros., 2094 Broadway.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small and Sons, 1153 Broadway.
New York—Young and Nugent.
Omaha, Neb.—Hess & Swoboda, Farnum St.
Philadelphia—J. J. Habermehl's Sons.
Philadelphia—Robert Kift, 1725 Chestnut.
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.
Rochester, N. Y.—J. B. Keller Sons.
Rockford, Ill.—H. W. Buckbee.
St. Louis—F. H. Weber, Boyle and Maryland.
St. Louis—Young's, 1406 Olive St.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
Terre Haute, Ind.—J. G. Heini & Son.
Toronto, Can.—Dunlop's, 96 Yonge St.
Washington—Blackstone, 14th and H Sts.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Alexander McConnell,

571 Fifth Ave., Windsor Arcade,

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada, and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 3rd St.

Cable address: ALEXMCNNEAL.
Western Union Code.

Mention the American Florist when writing

Chicago

A. LANGE,

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

W. J. Palmer & Son,

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut
Flower Co.**

Will fill your orders for designs and cut flowers in
NORTHERN OHIO.

St. Paul, Minn.

**HOLM & OLSON,
ST. PAUL**

The Leading Florists of the Northwest
Orders will be well cared for anywhere in
MINNESOTA AND THE DAKOTAS.

Los Angeles, Calif.

Wolfskill Bros.

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

**Only
the
Best
Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee
safe arrival.

Milwaukee, Wis.

C. C. Pollworth Co.

Will take proper
care of your orders in **Wisconsin**

The Seed Trade.

American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Dureya, New York, Second Vice-President; C. E. Kendell, Cleveland, O., Secretary and Treasurer.
Annual convention at Milwaukee, Wis., June 20-22, 1911.

MINNEAPOLIS, MINN.—J. E. Northrup has been indisposed this week.

FIELD seed corn, well cured and of high germination, is reported scarce in the west.

FEBRUARY 2 is the date set for the hearing on the proposed government seed bill at Washington, D. C.

SEEDSMEN who have not already written their congressman with regard to the proposed government seed bill should do so without further delay.

VISITED NEW YORK.—C. B. Coe, representing D. M. Perry & Co., Detroit, Mich.; W. J. Fosgate, Santa Clara, Calif.

MISSOURI is now afflicted with a seed bill (Senate Bill No. 36) and every Missouri seedsmen should write his state representative for a copy.

DETCB bulb farmers in Holland are reported to have agreed on uniform selling prices for the various grades of mixed and named hyacinths.

CHICAGO.—Prices on the board of trade January 25 for grass seed were noted as follows: Timothy, \$9 to \$10.75 per 100 pounds. White clover, from \$22 to \$30.

VISITED CHICAGO: A. J. Brown, Grand Rapids, Mich.; John A. Moe, representing the Gurney Seed & Nursery Co., Yankton, S. Dak.; E. E. Stewart, Rives Junction, Mich.

IN the protest of the International Forwarding Co. of Chicago before the board of appraisers January 11, 1911, claiming that giant spurry seed was free of duty as "grass seeds," the protest was sustained.

HOLLISTER, CALIF January 18.—This section of the state has had copious rains during the past week, and if these are followed by late spring rains the seed crops should be fair; but it is believed there will be a shortage as stock should have had a month's growth at this time. Instead, growth is only starting and a large amount of planting remains to be done.

Some Bids on Government Contracts.

Washington, D. C., January 23.—Nothing has yet been made public here regarding the awards of contracts for government seeds, but the following is a summary of the figures of some American bidders:

W. W. Barnard Co., Chicago:
Garden beans, \$2.75@3 per bushel.
Tomato, 45@55 cents per pound.
Beet, 14@15 cents per pound.
Braslan Seed Growers Co., San Jose.
Lettuce, 15 cents per pound.
Onion, 35 cents per pound.
Beet, 10½ cents per pound.
Kale, 25 cents per pound.
Parsley, 9½ cents per pound.
Parsnip, 8 cents per pound.
Turnip, 10 cents per pound.
Carrot, 16-18 cents per pound.
Garden peas, \$2.54 per bushel.
E. B. Clark Seed Co., Milford, Conn.:
Green garden beans, \$2.75@3.25.
Wax beans, \$3.25@3.60 per bushel.
Wrinkled peas, \$3.50@5.25 per bu.
Smooth peas, \$2@3.25 per bushel.
Coy & Son:
Cucumber seed, 25 cents per pound.
Hogue-Kellogg Co., Vevoria, Calif.:
Pole beans, \$5@5.75 per bushel.
Dwarf lima beans, \$6@6.50 per bu.
Pole lima beans, \$5.75@6 per bu.
S. M. Isbell & Co., Jackson, Mich.:
Garden beans, \$2.85@3.25 per bu.
Radish, 12½ cents per pound.
N. B. Keeney & Son, Le Roy, N. Y.:
Surplus garden beans, \$2.85@3.25.
Jerome B. Rice Co., Cambridge, N. Y.:
Dwarf beans, \$2@4.25.
Vaughan's Seed Store, Chicago:
Garden beans, \$2.65@2.75 per bu.
A. F. F.

Government Seed Contracts.

CONGRESSIONAL DISTRIBUTION BIDDERS.

On January 17, at 2 p. m., bids for supplying seeds for the 1911-12 congressional distribution were opened and read item by item by the board of awards, composed of the assistant in charge of the office of seed distribution, the assistant seed superintendent and the chief clerk of the Bureau of Plant Industry, in the presence of the acting chief and acting assistant chief of the bureau and members of the seed trade, including representatives of Jos. Breck & Sons Corporation, Boston, Mass.; Chas. Johnson, Marietta, Pa., representing Denaiffe & Sons, Carignan, France, and the Routzahn Seed Co., Arroyo Grande, Calif.; F. W. Bolgiano, Washington, D. C.; A. L. Rogers, of Rogers Bros., Alpena, Mich.; Fred H. Hunter, representing Waldo Rohnert, Gilroy, Calif.; and John C. Bodger, representing John Bodger & Sons Co., Los Angeles, Calif. Following is a list of the seedsmen and growers who submitted bids:

Aggeler & Musser Seed Co.
H. H. Arrington, Rome, Ga.
W. L. Baker & Son, Painesville, O.
W. W. Barnard Co., Chicago.
W. H. Barrett, Adrian, Mich.
Barteldes Seed Co., Lawrence, Kans.
John Bodger & Sons Co.
F. W. Bolgiano & Co., Washington.
Braslan Seed Growers Co.
Jos. Breck & Sons, Boston, Mass.
D. V. Burrell, Rocky Ford, Colo.
E. B. Clark Seed Co., Milford, Conn.
Ralph C. Collins, Rocky Ford, Colo.
C. Herbert Coy Seed Co.
C. F. Coy & Sons, Waterloo, Neb.
M. Cushman & Co., Rochester, N. Y.
Denaiffe & Son, Carignan, France.
Oscar Drewitz, Jefferson, Okla.
Elliott Dunn, Atlanta, Ga.
Henry Fish, Carpinteria, Calif.
C. A. Gerrard, Calamus, Neb.
W. H. Girardeau, Monticello, Fla.
J. A. Haws, Jefferson, Okla.
Hogue-Kellogg Co., Ventura, Calif.
Holmes Seed Co., Harrisburg, Pa.
S. M. Isbell & Co., Jackson, Mich.
Victor Johansen Seed Co.
W. W. Johnson & Sons, Boston, Eng.
Jones Bros., Summerville, Ga.
N. B. Keeney & Son, Le Roy, N. Y.
W. A. King, Summerville, Ga.
Kimberlin Seed Co.
Wm. Logan, Lakin, Kans.
Lompoc Produce & R. E. Co.
A. W. Long, Piqua, Kans.
Mauldin Bros., Cairo, Ga.
L. L. May & Co., St. Paul, Minn.
E. H. Morrison, Fairfield, Wash.
J. W. Newell, Jefferson, Okla.
L. L. Olds Seeds Co., Madison, Wis.
Pacific Seed Growers Co.
Pieters-Wheeler Seed Co.
Portland Seed Co., Portland, Ore.
J. B. Rice Seed Co., Cambridge, N. Y.
J. C. Robinson Seed Co.
W. H. Robinson, Cairo, Ga.
Roger Bros., Alpena, Mich.
Waldo Rohnert, Gilroy, Calif.
Rocky Ford Hardware Co.
Routzahn Seed Co.
Mrs. Della Shanks, Rocky Ford, Colo.
Sioux City Seed & Nursery Co.
J. Steckler Seed Co., New Orleans.
C. O. Townsend, Garden City, Kans.
W. W. Tracy, Jr., Kenrick, Idaho.
Vaughan's Seed Store, Chicago.
Western Seed & Irrigation Co.
N. L. Willet Seed Co., Augusta, Ga.
Wight Realty Co., Cairo, Ga.
T. S. Williams, Columbia, S. C.
O. V. Zangen, Hoboken, N. J.

Bids covered both surplus stocks and growing contracts. The quantity of surplus seeds, especially flower seed, offered this year was greater than formerly. The prices on all seeds are normal except for sharp advances in peas, some varieties of beans, beets and carrot. The bids of some of the foreign firms on a few items are lower than the American bids, but the chairman of the board of awards announced that it has been the policy of the department to give preference to American seedsmen in all cases where it was not clearly to the disadvantage of the government.

Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale
Trade Only.

SAN JOSE, CALIF.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Hollister,
California



Onion,
Lettuce,
Radish,
Sweet Peas,
Etc.
Correspondence
Solicited.



Peas and Beans

We are Growers for the
Wholesale Seed Trade.

When in the market
ask us for prices.

Alfred J. Brown Seed Co.
Grand Rapids, Mich.



Tuberous Begonias

Single	Scarlet.....	Per 100	Per 1000
	White.....	\$2 50	\$22 00
	Pink.....	2 50	22 00
	Yellow.....	2 50	22 00
Doubles, colors as above.....		4 50	40 00

GLOXINIAS

Fine sound bulbs.....	Per 100	Per 1000
	\$3 50	\$30 00

LILY OF THE VALLEY

Premium, dormant.....	Per 1000	\$12 00
International, dormant.....		10 00
London Market (storage stock).....		14 00

Lilium Longiflorum (Multis)

	No. in Case	Per 100
6 to 8 inches.....	400	\$7 75
7 to 9 inches.....	300	5 00
9 to 10 inches.....	200	7 00

Lilium Giganteum

	No. in Case	Per 100
6 to 8 inches.....	400	\$4 00
7 to 9 inches.....	300	6 75
9 to 10 inches.....	200	9 75

Lilium Auratum

	No. in case	Per 100
8 to 9 inches.....	225	\$ 5 50
9 to 11 inches.....	125	8 50
11 to 12 inches.....	75	14 00

Lilium Speciosum Rubrum

	No. in case	Per 100
8 to 9 inches.....	225	\$ 4 75
9 to 11 inches.....	125	8 00
11 to 12 inches.....	100	13 00

Lilium Speciosum Album

	No. in case	Per 100
8 to 9 inches.....	225	\$ 7 50
9 to 11 inches.....	125	10 00

TUBEROSES

Dwarf Pearl, 1st size.....	Per 1000	\$8 00
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GLADIOLUS

	Per 100	Per 1000
Princes.....	\$11 00	
Mrs. Francis King, 1st.....	2 65	\$23 00
2nd.....	2 25	18 00
Augusta, 1st size.....	1 85	16 00
2nd size.....	1 75	13 00
America, 1st size.....	3 75	33 00
2nd size.....	3 25	27 00

Vaughan's Seed Store,
CHICAGO.

Cabbage Seed, Peas, Cauliflower Seed

Danish Ball Head Cabbage Seed.....	\$ 2 00 per lb.
Danish Short Stem Ball Head Cabbage Seed.....	2 00 " "
Enkhuszen Glory Cabbage Seed.....	2 00 " "
All Head Early " ".....	1 50 " "
Bolgiano's New Early Cabbage Seed.....	1 50 " "
Early Summer " ".....	1 25 " "
Extra Early Jersey Wakefield Cabbage Seed.....	1 25 " "
Charleston Wakefield " ".....	1 25 " "
Twentieth Century Cauliflower Seed.....	3 50 per oz
The best Cauliflower Seed in the world.....	40 00 per lb.
Extra Early Alaska Peas.....	5 50 per Bu.
Cabbage Plants, all kinds.....	\$1.25 per 1000; \$10.00 per 10,000

F. W. BOLGIANO & CO.,

1009 B. Street, N. W.

WASHINGTON, D. C.

OREGON GROWN ASTER SEED

Yamhill Co., Oregon is the natural home of the Aster, and any one desiring seed of HIGH GRADE COMMERCIAL QUALITY will do well to try our seed for 1911. Ask for our new descriptive booklet.

CREGO ASTER SEED, pink, shell pink, white or purple.....Tr. pkt., 25c; 4 pkts., 75c; oz., \$4.00
VIOLET ROCHSTER, lavender pink.....Tr. pkt., 25c; 4 pkts., 75c; oz., 4.00
LADY ROOSEVELT, bright pink.....Tr. pkt., 20c; 4 pkts., 60c; oz., 3.00

HERBERT & FLEISHAUER, Aster Specialists, McMinnville, Oregon
Special prices to seedsmen. Contracts taken for 1911.

Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

THE

J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip, Radish, Beet, Etc.

Branches: Michigan MILFORD, CONN. and Wisconsin.

SEEDS

Can sell surplus stock and locate supplies through our confidential Reporting Letter to the trade; also gives valuable market and seed crop reports which every seedsmen needs. Write for particulars.

SEED TRADE BUREAU,
713 Postal Telegraph Bldg. CHICAGO, ILL.

Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

CHR. OLSEN, Wholesale Seed Grower, Odense, Denmark
(Established 1862) in order to have your name placed on my mailing list.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

Georgé R. Pedrick & Sons,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

SEEDS

OF ALL KINDS APPLY TO
W. W. JOHNSON & SON, Limited,
Boston, England.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing

Florists and Seedsmen, Scratch or Poultry Food

Sell Your Own. We will make it for you, under your own brand for \$28.00 per ton. Seed today for sample 100 lb. bag, \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."
J. BOLGIANO & SON, Importers and Wholesalers
(Established for 92 years) Baltimore, Md.

ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

FLOWER and GARDEN SEED*

Telegraph Code

Am. Seed Trade Association

—\$2.00—

In either stiff or flexible cover. Address orders to
AMERICAN FLORIST CO., CHICAGO

Onion Sets

Carlots or Less.

We can save you some money on Onion sets write or wire us for prices and samples stating quantity and colors you want.

ALBERT CROLL & CO.

Shippers of Fruits, Vegetables and Produce.
193 South Water Street, CHICAGO.

CHOICE GERMAN

FLOWER SEEDS

Catalogue free on application.
Stamp letters 5 cents; foreign post cards 2 cents

FREDERICK ROEMER,

Seed Grower, QUEDLINBURG, GERMANY.

Asparagus Plumosus Nanus

GREENHOUSE GROWN SEED

DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

A. HENDERSON & CO.,
51 Wabash Ave., CHICAGO.

John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas, Tomatoes, Lima Beans, Lettuce, Asters, Cosmos and other Flower Seeds.

Connecticut Horticultural Society.

The first business meeting of the year was held January 13 at the County Building, Hartford. On the center table President Huss had a handsome display of Chinese primroses, all in bloom, as well as two orchids in flower, Lælia anceps and Lycaste Skinnerii. The judges, J. A. Weber, T. B. Brown and William A. Kinne, awarded a certificate of merit for the primroses, and a diploma for the orchids.

George B. Baker, of New Britain, then briefly outlined his method of primrose culture. President Huss recommended that the seed be sown in succession, in pans or boxes, in light soil, well firmed, up to a quarter-inch of the top of the receptacle; then put on glass, and prick off into other boxes when they show a few leaves. He said that a greenhouse is not necessary for the purpose; for they can be grown in frames. Keep them cool in the frames, and shade during the summer. They are generally grown from seed, but may be propagated by cuttings. Those plants exhibited by him were from seed sown in March. John Gerard, of New Britain, informed the meeting that one ounce of seed of one of President Huss's primrose plants with violet blooms is worth nearly \$100.

At the chairman's request, the secretary read a pamphlet entitled "A Visit to the Arnold Arboretum," by W. J. Bean, of the Royal Gardens, Kew, London, reprinted from the bulletin of miscellaneous information of that institution. This paper was a most lucid and engaging account of what the writer saw in what he designated as "the richest collection in the world of the hardier northeast American and north Asiatic woody plants." President Huss told of the great work of Professor C. S. Sargent, the director, and of his own visit there some time ago, and of the genial personality of Jackson Dawson, a co-operator with the director.



Dreer's Double Petunias.

OUR DOUBLE PETUNIAS, for more than half a century, have been the acknowledged standard. The strain this season is equal in high quality to its predecessors, and is well known to the trade.

We offer 15 distinct varieties, in strong, 3-inch pots, which will quickly furnish an abundance of cuttings. Strong, 3-inch pots, 75c per doz.; \$6.00 per 100; the set of 15 for \$1.00.

Seed of our **SUPERB STRAIN OF FRINGED PETUNIAS**. Double, 75c per 500 seeds; \$1.50 per 1000 seeds. Single, 50c per trade pkt.; \$1.00 per 1-lb oz.; \$1.50 per ½ oz.

Our Quarterly Wholesale Price List, issued January 1st, offers

a full line of seasonable Plants, Seeds and Bulbs.

The above prices are for the Trade only.

HENRY A. DREER, Philadelphia, Pa.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers

For the Wholesale Seed Trade.

CARPINTERIA, CALIF.



H. WREDE,

LUNEBURG, GERMANY

PANSY SEED

178 First Prizes, the highest awards
Chicago, Paris, London, Bruxelles.
1000 seeds, finest mixed... 25c
1 oz. ... \$2.25

Price list on application. Cash with order

The following is an outline of the society's events for the following months: January 27, Cyclamen night, with an accompanying paper by Francis Roulier, President Huss's right bower in all horticultural work, and also a paper by J. A. Weber on poinsettias; February 10, Primula Obconica night, with a paper by Alex. Cumming, Jr.; February 24, Carnation night and Ladies' night, with a paper by Secretary Smith on the intrinsic value of the pear; March 10, Cineraria night, with papers by J. F. Huss and by George B. Baker; March 24, Greenhouse Rose night, with a lecture by George A. Parker on the improvement of small homes; April 28, exhibition of hardy primulas and Alpine plants, with a lecture on the latter subject by J. F. Huss; May 12, Pansy night, and exhibition of narcissi, with a paper by John Gerard on the rules of judging pansies; May 26, Tulip night, with flowers from the city park department; June 9, Hardy Rose night;

BLOOMING PLANTS

Azaleas, \$1.00 and \$1.25. Cyclamen, at 75c for 3-in.; 4-in., at 15c; 5-in., at 25c. Souper Roses, in 3½-in. pots, in bud and bloom, at 125c. Primroses, 3-in., at 75c; 4-in., 10c; Obconica, at same price.

We have a few Jerusalem Cherries for Washington's birthday, in 4-in., at 15c. Celestial Peppers, which we will close out, 3-in., at 5c; 4-in., at 10c.

We also offer a large lot of 2½-in. Flowering Begonias at \$2.50 per 100; 3-in., at \$5.00.

This is a cut to make room, and will last for one week only.

PLANTS FOR EASTER

We shall have Azaleas, Lilies, Hydrangeas, Baby Rambler and Hermosa Roses, cyclamen, Primroses, Cinerarias and all kinds of Bulb Stock. We shall be glad to hear from you about anything you may want.

In Ferns, while we have issued a new price list, we will need room, and if you are interested in Whitman, 2½-in. to 8 in., or Boston, and will write us, we will make you a special price.

In Soft Wooded Plants we can give you a very large lot of Geraniums, in S. A. Nutt and other reds and some whites, at \$3.50 for the 2½ in. and \$5.00 for the 3-in.

GEO. A. KUHLE,

Wholesale Grower, PEKIN, ILL.

Mention the American Florist when writing

FUCHSIAS

Little Beauty, Lord Byron, Tenner! Strong 2½-in. White Beauty, E. Reman. \$4.00 per 100.



Skidelsky & Irwin Co.

1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

Mention the American Florist when writing

June 23, collection of early perennials, and a paper by George B. Baker.
G. W. SMITH, Secy.

Vaughan's Flower Seeds

	Trade pkt.	oz.			
Ageratum, Imperial dwarf blue.....	10	.25	Lobelia Crystal Palace Compacta.....	10	1.00
Imperial dwarf white.....	10	.25	Speciosa for hanging baskets.....	10	.50
Blue Perfection, dwarf new.....	10	.30	Emperor William, dwarf.....	10	.50
Princess Victoria Louise, beautiful blue and white.....	10	.40	Bedding Queen, best dwarf.....	10	.50
Little Blue star, new, best dwarf.....	10	.50	Hamburg, best for hanging baskets.....	10	.50
Alyssum, Sweet.....	10	.15	Maurandya, mixed.....	10	1.00
Vaughan's Little Gem, extra fine strain.....	10	.15	Mignonette, True Machel.....	10	.50
Asparagus Plumosus nanus, Northern Greenhouse Grown, 1,000 seeds, \$1.00; 100 seeds, 50c.	10	.50	New York Market, Packet, about 1,000 seeds, 50c; 1/4-oz., \$1.00; oz., \$7.00.	10	.50
Asparagus Sprengeri, 1,000 seeds; 100 seeds, 15c.	10	.50	Mimulus (Musk Plant).....	10	1.00
Balsam, Alba Perfecta. This is the largest and best double white Balsam.....	10	.20c	Petunia, Giants of California, mixed.....	10	.25
Browallia, Speciosa Major.....	10	.60	Vaughan's Best mixture of large flowering Petunias, Trade pkt. (1,000 seeds), \$7.00.	10	.25
Candytuft, Giant Hyacinth, dowered white.....	10	.20	Vaughan's large flowering Double Petunias, Trade pkt. (1,000 seeds), \$1.25.	10	.25
Canna, Vaughan's Special Mixture, saved from our own collection of over 40 best kinds.....	10	.20	Pyrothrum aureum, Golden Feather.....	10	.25
Celosia, Coxcomb, President Tilden.....	10	.20	Pyrothrum crispum.....	10	.25
Pride of Castle Gould.....	10	.20	Salvia Splendens, Clara Bedman (Bonfire).....	10	2.50
Centaurea, Cardissidina (Dusty Miller).....	10	.75	"Drooping Spikes".....	10	1.80
Cynnocypria.....	10	.30	Fireball, new.....	10	1.00
Cineraria Maritima Diamond.....	10	.60	Zurich, new, very dwarf and early.....	10	.35
Cobaea Scandens, blue.....	10	.40	Primula Obconica Grandiflora, mixed.....	10	.50
Clematis Panicola, White, sweet scented.....	10	.60	Large flowering, pink.....	10	.50
Large-Flowering Jackmanni Hybrids.....	10	2.00	Large flowering, pure white.....	10	.50
Coleus, Mammoth Rainbow.....	10	.25	Gigantea Rosea.....	10	.50
Large-leaved, mixed.....	10	.30	Gigantea Kermesina.....	10	.50
Cyperus Alternifolius, Umbrella plant.....	10	1.00	Stocks, large flowering, Dwarf German, 10 weeks.....	10	.25
Dracaena Indivisa.....	10	.30	Pure White, Brilliant Rose, Bright Crimson, Blood-Red, Light Blue, Canary Yellow, Dark Blue, Etc., each.....	10	1.50
Indivisa Linearis.....	10	.40	Large Flowering, Dwarf German, 10 weeks, each choice mixed.....	10	1.25
Indivisa Latifolia.....	10	.40			
Australis.....	10	.60			
Daisy, Burbank's Shasta, new Double Fringed.....	10	.50			
Shasta, single.....	10	.15			
Echeveria, (Hen and chicken), mixed.....	10	100 seeds, 20c			
1,000 seeds.....	10	\$1.00			
Metallica.....	10	100 seeds, 30c; 1,000 seeds, \$2.50			
Secunda glauca.....	10	100 seeds, 15c; 1,000 seeds, \$1.00			
Feverfew, Matricaria Capensis plenissima.....	10	.40			
Forget-me-not, Vaughan's early and late flowering.....	10	.80			
Fuchsia, double and single varieties.....	10	.80			
Geranium, Apple-scented, 1,000 seeds, \$1.00; 200 seeds, 25c	10	.25c			
	Trade pkt.	oz.			
Geranium Robusta silk oak.....	10	.50			
Ipomoea Noctiflora, Moonflower, white seeded.....	10	.30			
Black seeded.....	10	.30			
Giant Pink (Norfolk Light).....	10	.30			
Hybrid Moonflower, Early Blooming.....	10	.40			
Leardi, dark blue, splendid.....	10	.80			
Linnaria Cymbalaria (Kendallworth Ivy).....	10	1.20			
Lantana, Hybrid mixed.....	10	.15			
Lemon Verbena.....	10	.25			
	Trade pkt.	oz.			
Verbena, Vaughan's Best Mixture.....	10	.25			
Mammoth, mixed.....	10	.25			
Mammoth, White.....	10	.25			
Mammoth, Purple.....	10	.25			
Firefly, scarlet, white eye.....	10	.40			
Defiance, brightest scarlet.....	10	.20			
Dark blue with a white eye.....	10	.20			
Mayflower, so blue.....	10	.10			
Vinca Rosea, Rosea d. albo and pure white, each.....	10	.50			

New Preliminary Flower Seed List Ready. Please write for same if you have not received one.

10 Per Cent Special Cash Discount. On orders over \$2.00 for Flower Seeds if the cash is enclosed 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

VAUGHAN'S SEED STORE,

25 Barclay St., NEW YORK. 84 and 86 Randolph St. CHICAGO. 803-805 W. Randolph St.

Baltimore.

STOCK VERY SHORT.

The past week has shown a very unusual condition of the cut-flower market in the almost phenomenal shortage of stock, good, bad and indifferent. Roses, carnations, lily of the valley, gardenias and violets have all been way under the demand, and the default has been not localized, but general. One experienced rose grower, who has five to six thousand plants, says he was not cutting 100 blooms a day. We have experienced comparatively mild weather with very little sunshine and much fog. Trade would have been quite notable but for the shortage of flowers.

NOTES.

On January 17, there was a great Democratic meeting at the Lyric theatre in the afternoon and a banquet in the Fifth Regiment Armory at night. The decorations at the theatre were effective and were arranged by Edwin A. Seidewitz. At the armory the job presented difficulties. The building is very capacious, but Saml. Feast & Sons, who had the work, devised to restrict the too ample area. The space which contained the tables was surrounded by a screen of heavy material of a rich deep red and supported by white columns surmounted with clusters of electric light, with strings of smilax festooned between them, the cloth being covered

with southern smilax. Along the wall were groups of fine palms and other decorative plants. The head table was decorated with smilax and baskets filled with ferns, dracaenas and begonias, and many flat baskets of roses and other flowers and silver candelabra were distributed along the tables, with crimson shades, and at each plate was a neat boutonniere. There were over 1,100 guests, and the banquet was considered a great success, the decorative effects being counted as novel and effective.

SISTERSVILLE, W. VA.—E. Houston & Son have rented the store in the Morrison building and will fit up for a florist's shop.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1777.)

Specialties: Beans, Peas, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES. (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4-oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

Onion Seed -- Onion Sets

We are Extensive Growers and Dealers Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

Schilder Bros., Chillicothe, O.

ESTABLISHED IN 1824.

Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York

bet. Broadway and 4th Ave. Telephone 4235 Gramercy.

Market Gardeners

Greenhouse Vegetable Growers and
Market Gardeners' Association.

B. L. Watts, State College, Pa., President;
H. F. Hall, Grand Rapids, Mich., Vice-Pres-
ident; S. W. Severance, 505 Illinois Life
Building, Louisville, Ky., Secretary; M. L.
Rutenik, Cleveland, O., Treasurer.
Annual meeting at Boston Mass., 1911.

ACCORDING to the January Crop Re-
porter about 39.9 per cent of the crop
of potatoes raised in 1910 for market
were in the hands of the growers and
10.7 per cent in the hands of the dealers
on January 1, 1911, as compared
with 40.2 per cent and 9.7 per cent
respectively held on January 1, 1910,
and 33.5 and 11.3 respectively on Jan-
uary 1, 1909. The figures would indi-
cate that the total amount of potatoes
for market in growers' hands in the
important producing sections on Janu-
ary 1, 1911, was about 13 per cent less
than the amount as held a year ago
and 48 per cent more than two years
ago.

Prices of Indoor Fruits and Vegetables.

New York, January 21.—Mushrooms,
40 cents per pound; cucumbers, 20
cents each; lettuce, \$1.50 per dozen
heads; tomatoes, 35 cents per pound;
radishes, 85 cents per dozen bunches;
asparagus, \$7 per dozen bunches; rhu-
barb, \$1 per dozen bunches; grapes, \$1
per pound; string beans, 35 cents per
quart; peas, 35 cents per quart.
Chicago, January 21.—Mushrooms,
15 cents per pound; cucumbers, \$1.25
to \$1.75 per dozen; lettuce, 20 cents to
30 cents per pound; radishes, 10 cents
to 40 cents per dozen bunches.

Lettuce Notes.

Occasionally we find a good grower
sending poor lettuce to market and it
is interesting to study the causes.
About the poorest lot we ever saw
was produced by a man who had an
excellent reputation for fine lettuce.
He changed his houses from solid beds
to benches and upon these benches
grew chrysanthemums, followed by let-
tuce. Of all the mistakes a grower
can make this is the worst, for chrys-
anthemums are rank feeders and
mighty little is left for the lettuce. In
this case fine plants were benched in
modern houses and that is as far as
they went—they were still plants six
weeks after instead of fine one pound
lettuce. And as regards quality this
lettuce was as tough as paper. An-
other man operating solid beds worked
one-quarter of the space in one house
when the ground was just a trifle too
moist. The result was as above—a
complete failure alongside the luxuri-
ant beds on each side. The same earth,
same plants, same treatment, just a
little error in operation. A third party
smoked his houses too hard—immedi-
ately after planting this crop was
checked as above. Overgrown plants
are a very frequent cause of trouble,
often causing bad failures.

MARKETMAN.

Cincinnati.

FAIR BUSINESS.

Last week business was fair, but
there was not a normal supply of
stock. As a natural result, prices
on flowers advanced. The weather
had very much to do with this state
of affairs. The weather man served
us up with rainy and cloudy weather
the early part of the week, and with
cold weather at the end. Roses

seemed to have felt the effects of the
weather more than other flowers, at
least as far as quantity is concerned.
They still hold up the general good
quality they have had for some time.
American Beauties were in fair sup-
ply, and sold readily, especially the
short and medium grades. Carna-
tions, too, have felt the effects of
the weather, and under a strong de-
mand show a shortage. The call is
especially for white and the lighter
shades, but is shifting, as McKinley
day approaches. Single violets of
quality sell out every day. The dou-
bles are moving too, but at low prices
for this time of the year. Enough
lily of the valley is on hand to fill
orders. Liliun longiflorum and callas
find a ready market. Owing to the
shortness of supply of other flowers,
Paper White narcissus and Roman
hyacinths find a steady market. A
few jonquils are offered and sell
quickly. Poinsettias continue to ar-
rive, but move slowly at low figures.
Sweet peas clean up every day. The
supply of decorative greens in all
lines is ample, in fact, more than
ample.

CLUB MEETING.

The Florists' Society held a special
meeting in its club rooms in the
flower market, January 23, to hear
the report of the Flower Show Com-
mittee. The guarantee fund is now
\$13,000.80, with more to be heard
from. The week beginning November
13, 1911, is the time set for the show.
The committee will report a schedule
at the next meeting.

NOTES.

Paul Berkowitz and wife arrived on
Monday. Mr. Berkowitz is represent-
ing H. Bayersdorfer, Philadelphia.
Other callers were Harry Nicholson,
Chicago Carnation Co.; Lester F. Ben-
son and family, of Indianapolis, Ind.
Wm. Gardner was in town the latter
part of last week. He reports that

Geo. Staff, one of the growers at
P. J. Olinger's, is boosting a bowling
club among the New Castle florists.

Louis Pfeiffer discovered an inci-
dent blaze at his home on Highland
avenue, Fort Thomas, and he suc-
ceeded in extinguishing it before much
damage was done.

Miss Margaret Weiland, of Evans-
ton, Ill., is visiting her brother, Peter
Weiland, at New Castle, Ind.

Wm. Speck is consigning some very
fine liliun longiflorum to C. E. Critch-
ell.

Mrs. Henry Glins left on January 17
for a few weeks' stay in Boston.

Tom Windram has returned from
Leesburg, Florida. H.



Watch for our Trade Mark stamped
on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
postpaid by manufacturers upon re-
ceipt of 40 cents in postage. Address

Trade Mark. American Spawnc Co., St. Paul, Minn.



ENGLISH. Best quality, arriving constantly.
Spawn is from 25 lbs. \$2.00
selected specimens 100 lbs. 6.50
AMERICAN. Our monthly shipments from the
manufacturer include all the varieties of
Garden City 25 bricks. \$ 3.50
Pure Culture 100 bricks. 12.00

VAUGHAN'S SEED STORE,
CHICAGO: 84-86 Randolph St.
NEW YORK: 25 Barclay St

Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete
stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 136 page, 25th anniversary, catalogue contains true description and no over-
drawn illustrations. Our prices are right quality considered. Market Gardeners are
requested to write for our Market Gardeners' Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE,

Box 700
Established 1886

Beatrice, Neb.

Roses! Roses! Roses!

For Spring Planting or Potting

Being all of superb growth, very strong, delivered on their own
roots or grafted on Polyantha (Multiflora) stock, 2 or 3 years old.

Climbers

Such as Aglaia, Blush Rambler, Claire
Jaquier, Gruska Rambler, Frau Hele Vi-
denz Non Plus Ultra, Northern Light, Stella
Tausendschön, Tea Rambler, Thalia, The
Wallflower, Waltham Bride, Bordeaux Gold-
silk, Buttercup, Flower of Fairfield, Lora
Rambler Starlight, Veilchenblau, American
Pillar, Graf Zeppelin, etc., etc.

Wichuraiana Hybrids

Such as Alba Rubilo, Alberic Barbier,
Anna Rubsamen, Auguste Barbier, Debu-
tante, Dorothy Perkins, Elisa Kobichen,
Francis Juranville, Francois Poisson,
Marie Weibach, Gardenia, Hiawatha Joseph
Lamy, Lady Gay, May Queen, Minnehaha,

For all the varieties mentioned above, and others, please apply for
Wholesale Price List and particulars.

Pink Koamer, Ruby Queen, South Orange
Perfection, Tricolor, Valentin Beaulieu,
Wedding Bells, Paradise, Lady Godiva, Co-
quaine, Delight, Diabolo, La Flamme, Mlle.
Helyett, Newport Fairy, White Dorothy Per-
kins, (Candella, Desire, Bergera, Dorothy
Dennison, Eileenach, Excelsa, Mrl. Octavia
Fesse, Grotta Fey, Jessica, Joseph Liger, etc.,
etc.

Dwarf Perpetual Polyanthas

Such as Cecile Brunner, Clotilde Soupert,
Gloire des Polyanthas, Katharine Zemet,
Leonie Lamesch, Mme. Norbert Levassieur,
Marie Pavie, Mrs. W. Cutbush, Mosella, Perle
d'Or, Perle des Rouxes, Schneewitchen,
White Pet, Naman Levassieur, Phyllis,
Princess Ena, Cyclops, Gussel Mayer, Jessie,
Orleans Rose, White Cecile Brunner, etc., etc.

Jules Gouchault & Turbat Nurseries

E. Turbat & Co. Successors.

ORLEANS, FRANCE

CARNATION

Mrs. G. W. Ward

The most prolific and profitable variety in the market, producing more flowers and bringing a higher price than any other Carnation. The Commercial Value of this variety has been further demonstrated by the highly satisfactory results obtained by last year's purchases.

MRS. C. W. WARD

is a free and perfectly healthy grower, producing perfect flowers on long stems as early as September 1st.

The color is the clear, deep pink so much in demand.

**Rooted Cuttings: \$6.00 per 100;
\$50.00 per 1000.**

ALMA WARD, Large White. Rooted Cuttings :
\$7.50 per 100. \$60.00 per 1000.

Cottage Gardens Co.,

QUEENS, LONG ISLAND, NEW YORK.

Cleveland.

STOCK LIMITED.

Business has been good the past week considering the limited amount of stock on hand with which to fill orders. Roses have been decidedly short, particularly in the shorter grades. Carnations, although more plentiful, have just about been equal to the demand. Sweet peas, Roman hyacinths, narcissus, stevia and tulips are part of the daily stock. Callas and Easter lilies have a good call. Lily of the valley is slow to move. Calandulas and daisies arrive only in limited quantities. Adiantum and asparagus is quite plentiful, and meets with an excellent demand. Boxwood is used freely; case lots being the rule. Southern smilax for decorations has been in demand the past week or two. Violets are moving rather slowly.

NOTES.

We would again call the attention of all florists and growers in and around this city to the flower show at the Florists' Club rooms, February 13. Everybody is invited, and as many as possible should attend and help make the show a success. Remember it is not necessary to be a member of the Florists' Club to attend, as the show is for the benefit of all.

Bramley & Son are having a lot of funeral work, which keeps both of their autos going all the time.

Out of town shipments have been good lately, supplies being a part of most orders.

Nauman & Son are sending in a quantity of bulbous stock, both cut and in pots. C. F. B.

Vaughan's Ferns are Unexcelled

We are headquarters and have the finest stock in the West.

BOSTON FERNS

Pots	Each	Doz.	100
2½ in.....	\$0.10	\$ 0.75	\$ 5.00
3 in.....	.15	1.25	8.00
4 in.....	.25	2.50	20.00
5 in.....	.40	4.00	35.00
6 in.....	.75	8.00	60.00
7 in.....	1.00	10.00	75.00
8 in.....	1.25	14.00	100.00
10 in.....	2.50	to \$3.00 each	

HARRIS BOSTON

Pots	Each	Doz.	100
4 in.....	\$0.40	\$ 4.00	\$ 35.00
5 in.....	.70	8.00	
7 in.....	1.25	12.00	
8 in.....	2.00	22.00	
10 in.....	3.00		

WHITMANI

Pots	Each	Doz.	100
2 in.....	\$0.10	\$ 0.75	\$ 5.00
2½ in.....	.15	1.25	6.00
3 in.....	.20	2.00	10.00
4 in.....	.35	3.50	
5 in.....	.60	5.50	
6 in.....	.80	8.50	
7 in.....	1.00	10.00	
10 in.....	3.00		

ASPARAGUS SPRENGERI

	Doz.	100	1000
2½ in.....	\$0.50	\$3.00	\$25.00
3 in.....	.75	5.00	
4 in.....	1.50	10.00	

ASPARAGUS PLUMOSUS NANUS

	Doz.	100	1000
Seedlings from flats.	\$ 1.50	\$14.00	
2 in.....	3.00	25.00	
2½ in.....	.75	4.50	40.00
3 in.....	1.00	7.00	65.00
4 in.....	1.50	12.00	100.00

Small Ferns for Dishes

Our selection of varieties, Per 100, \$3.00 Per 1000, \$25.00

Prices are f. o. b. Western Springs, Ill.

Vaughan's Seed Store,

Greenhouses, Trail Grounds and Nurseries, Western Springs, Illinois.



The Nursery Trade

American Association of Nurserymen
W. P. Stark, Louisiana, Mo., President;
E. S. Welch, Shepandoah, Ia., Vice-Presi-
dent; John Hall, Rochester, N. Y., Secy.
Thirty-sixth annual convention to be held
at St. Louis, Mo., June 14-16, 1911.

VISITED NEW YORK.—Kroeschell, Bos-
koop, Holland.

THE death of Samuel C. Moon, of
Morrisville, Pa., is recorded in our
obituary column this week.

AUSTIN, TEXAS.—Harvey C. Stiles,
formerly of Raymondville, but now lo-
cated at Coahuila, Mexico, has been
engaged by the state department of
agriculture to inspect the nursery stock
of the Mexican nurserymen and flor-
ists who desire to do business in Texas.
Special efforts are being made to pre-
vent the introduction of the orange
maggot, which is Mexico's worst enemy
to the orange industry. Mr. Stiles is
a thoroughly posted entomologist, be-
ing engaged as horticultural representa-
tive of the governor of the state of
Coahuila at the present time.

American Pomological Society.

The Tampa Board of Trade, the
Florida Citrus Exchange and the Flor-
ida State Horticultural Society are
leaving no stone unturned in their
efforts to provide instruction and pleas-
ing entertainment for the members of
the American Pomological society, at
the forthcoming meeting in Tampa,
February 9-11. Recent advices state
that a fund of \$2,000 has been raised
for the entertainment of the members
and delegates. Excursions to regions
of interest to northern fruit growers
and trips by water, rail and motor
have been arranged to noted citrus and
tropical fruit sections. An extensive
exhibit from Cuba will be a display
of native fruits, vegetables and flowers
in season at this time of the year.

The programme and meeting will be
one of the most noted in the history
of the society. It is twenty-five years
since this national organization met in
Florida, and this is an important op-
portunity for northerners to see the
products and resources of the state at
reduced expense and exceptional ad-
vantage. Programmes may be secured
by writing to the Secretary, John
Craig, Cornell University, Ithaca, New
York.

Albany, N. Y.

In the report of Raymond A. Pear-
son, state commissioner of agriculture,
to the legislature the past week, men-
tion is made of nurseries in the state
and the work of the department in
connection therewith. During the past
year 572 nurseries were inspected and
trees and plants to the number of 116,
640,977 passed upon. San Jose scale
was detected in some of the stock and
17,081 trees affected were destroyed.
More than 12,000,000 seedlings in-
ported were examined. Agents of the
department have been diligent in hunt-
ing down the gypsy moth, which has
done much damage in Massachusetts.
The agents have visited a score of
places in the state where the presence
of the moths was reported and their
nests were destroyed. In the work
against the brown tail moth 3,726 nests
were destroyed. The commissioner
makes mention of the State Fair at

A BLUE ROSE

The Greatest Rose Novelty of the Century

It flowered with us this sea-
son and was greatly admired.

The New Rambler (Violet Blue),
hailed by the German rose growers
as the forerunner of a genuinely
cornflower blue rose, is a seedling of
Crimson Rambler, very vigorous and
hardy, and free blooming.

Send for description and price.

ELLWANGER & BARRY

Mount Hope Nurseries

ROCHESTER, N. Y.

ROSA POLYANTHA (Multiflora)

Good stock for grafting Roses when Manetti and Griffere
can not be had. Transplanted 1-year seedlings:

1st size, 4 to 8 mm.....\$33.00 per 10,000
2nd size, 3 to 4 mm.....20.00 per 10,000

See Wholesale List for all other French Stocks.

E. TURBAT & CO.,

Orleans, France.



Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to
5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,
MORRISVILLE, PA.

Jacs Smits & Co., NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding
Hearts, Blue Spruces, Boxwood, Clematis, Clim-
bing Plants, Conifers, Evergreens, Funkias in
sorts, Hydrangea P. G., Japan Maples, Peonies,
Pot-grown Plants, (Lilacs a specialty), Rhodo-
dendrons, Roses, Spiræas, Valleys.

Price List Free on Demand.

Syracuse, where last September the
attendance was about 200,000 and the
sum of nearly \$70,000 surplus receipts
was turned over to the state treasury.

R. D.

Tarrytown, N. Y.

The twelfth annual dinner of the
Tarrytown Horticultural Society was
held at Hotel Tarry January 18.
About 75 members and friends sat
down to the elegant repast provided.
The dinner was excellently served and
everything from the caviar down to
the coffee was enjoyed immensely. The
tables were beautifully decorated with
ferns and flowers. Killarney roses and
novelties in carnations from the Pier-
son greenhouses and W. C. Roberts,
Ossining, N. Y., being very conspicu-
ous.

During the dinner music was ren-
dered from piano and violin until cof-
fee was served, then the president of
the society, J. H. Brunger, introduced
Chas. H. Tibbets as toastmaster for
the evening, that gentleman accepting
the honor with a short and somewhat
humorous address. Among the speak-
ers who were called upon were J. Aus-
tin Shaw, who besides reading an origi-
nal poem, read extracts from imagi-
nary letters received from Sec. E. W.
Neubrand, John F. Dinkel, F. R. Pier-
son, A. D. Raymond, M. Odell, T. Ever-
itt, F. Conine, J. Sperry and W.
Tricker.

Phoenix Nursery Company

Nurserymen and Florists
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalog for fall issued Sept. 1st.

Mention the American Florist when writing

DAHLIA ROOTS

Whole Fall Clumps, at \$5.00 per 100 and up to
1000 in 10 distinct kinds, either show, decorative
or Cactus our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100.
\$12.00 per 1000 and up. Send list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

Mention the American Florist when writing

— For the Best New and Standard —

DAHLIAS

— address —

PEACOCK DAHLIA FARMS,

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

Mention the American Florist when writing

500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12
inches to 4 feet will satisfy all in grade and price.
Special low prices in car lots for Fall delivery; let
me know your wants before purchasing.

Also a fine stock of AMPELOPSIS Veltchil,
2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

LARGE TREES

OAKS and MAPLES
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.

Chestnut Hill, PHILA., PA.

CARNATION— Rooted Cuttings On Liberal Terms.

Name	Color	100	1000
Dorothy Gordon,	Deep pink.....	\$5 00	
Sara Nicholson,	Dark red.....	4 00	\$35 00
Beecon,	Red.....	3 00	25 00
Victory,	Red.....	3 00	25 00
Winona,	Deep pink.....	3 00	25 00
Rose Enchantress,	Deep pink.....	3 00	25 00
Winsor,	Deep pink.....	3 00	25 00
Enchantress,	Light pink.....	3 00	25 00
May Day,	Light pink.....	3 00	25 00
White Perfection,	White.....	3 00	25 00
White Enchantress,	White.....	3 00	25 00
Lady Bonifant,	White.....	3 00	25 00
Don Ami,	White.....	3 00	25 00

Sara Nicholson produced more good blooms than any Dark Red Carnation we have ever seen. Wanted—(customers for regular shipments of first class Carnation blooms, Lilies, Lily of the Valley, and various kinds of flowering plants. We supply retail trade at wholesale prices and save you the commission man's profit.

We will extend liberal credit to parties of good standing.

Send us your orders early.

SHEPARD'S GARDEN CARNATION CO.,
292 Fairmount St., LOWELL, MASS.
Mention the American Florist when writing

Geraniums

S. A. Nutt.....\$11.50 per 1000.
Ricard..... 14.00 Per 1000.
Poltevine..... 14.00 Per 1000.

All sold until the latter part of February

Coleus

Versachseitelt.....\$6.00 per 1000
Golden Beder..... 6.00 per 1000
Standards in assortment 5.00 per 1000
Giant Leaved, extra fine 10.00 per 1000

Lime

Hydrated and pulverized and bagged, will keep indefinitely in a dry place. Send for circular, or better yet try a ball ton, it will be the best investment you ever made. Price, \$4.50 cash with order for one ball ton.

ALBERT M. HERR
LANCASTER, PA.

Mention the American Florist when writing

QUALITY PLANTS

	Per 100	
2½-inch Boston, Whitman and Scotti.....	\$ 3.50	
3-inch.....	8.00	
4-inch Boston and Scotti.....	15.00	
4-inch Whitman.....	12.50	
5-inch Boston and Whitman.....	20.00	
Asparagus Plumosus, 2-inch.....	2.50	
..... 3-inch.....	5.00	
..... 4-inch.....	10.00	
Asparagus Sprengeri, 4-inch.....	7.00	
Per 100 Per 1000		
Vinca Variegata, out of 2-inch pots.		
(These are divisions from field-grown stocks and will make fine plants.)		
Shasta Daisy Alaska, 2-inch.....	2.00	\$18.00
Salvia Splendens, 2-inch.....	1.50	12.50
Coleus, Golden Beder, Versachseitelt and others.....	1.50	12.50
—Cash, please.—		

THE REESER PLANT COMPANY
Successor to
Reeser & Youngstrand, Springfield, Ohio

Trade Directory

PRICE, \$3.00, postpaid.
AMERICAN FLORIST CO.
324 Dearborn St., CHICAGO

Vaughan's Roses

New and Choice Varieties

	Each	Doz.	100	1000
Dark Pink Killarney, grafted, 2½ in.....	\$0 40	\$3 00	\$20 00	\$180 00
Double Pink Killarney, grafted, 2½ in.....	75	6 00	30 00	
Leuchteuer, 2½ in.....	25	2 50		
..... 3½ in.....	35	4 00		
Mme. Segond Weber.....	15	1 25	8 00	
..... 2½ in. own roots.....	20	1 00	12 00	
Mrs. Aaron Ward, (3½ in.).....	25	2 50		
..... 2½ in. grafted.....	40	3 50	25 00	
Mrs. Teft, Baby Rambler, new, 2½ in.....	20	2 00	15 00	
..... 3½ in.....	35	4 00		
My Maryland, (2½ in. own roots.....	1 00	6 00		
..... 3½ in.....	2 50	18 00		
Natalie Boettner, (2½ in. grafted.....	20	2 00	15 00	
Orleans, Baby Rambler, new, 2½ in.....	50	2 00	15 00	
..... 3½ in.....	35	4 00		
Othello (Chateau de Clos Vougeot), 2½ in.....	25	2 50	15 00	
..... 3½ in.....	35	4 00		
Prince de Bulgarie, (2½ in. grafted.....	35	4 00	20 00	
..... 2½ in. own roots.....	2 50	15 00	120 00	
Radclane, (2½ in. grafted.....	2 50	18 00	150 00	
Rose Queen, own roots, 2½ in.....	50	5 00	35 00	
The Lyon, 2 yr., dormant.....	50	5 50		
White Killarney, (2½ in. own roots.....	1 00	6 00		
..... 3½ in.....	2 00	15 00		
..... 2½ in. grafted.....	2 00	15 00		

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3-year.....	per doz., 2 50; per 100, 16 00	Standards, 3 to 4-ft. stem.....	each, 1 00
Mrs. Cutbush		Lady Gay	
2-year.....	per doz., \$2 50; per 100, \$16 00	2-year.....	per doz., \$3 00; per 100, \$20 00
Dorothy Perkins		Standards, 3 to 4-ft. stem.....	each, 75c
2-year.....	per doz., \$2 00; per 100, \$15 00	Tausendschon	
Buy Now for Spring Sales Strong 2-year Budded Stock		2-year.....	

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Ball of Snow, H. P.	John Hopper, H. P.	Perle des Blancs, Bourbon.
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Baroness Rothschild, H. P.	Magna Charta, H. P.	Pr. G. de Rohan, H. P.
Capt. Christy, H. T.	Marie Bauman, H. P.	Ulrich Brunner, H. P.
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Alternantheras, yellow, R. C.....	60

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Kentia Belmoreana, 30-35-40 in. high, 5-5½-6-7 in. pots, 5-6-7 years old, \$1.00, \$1.25, \$1.50 to \$2.00 each.

Kentia Belmoreana, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine **Boston, Scottii, Whitmani and Scholzei**, 5½ and 6-in., 35c. 40 and 50c; 7-in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches.

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well branched, own roots..... \$2 00 \$12 00

2-year old, 2-3 feet, well branched, budded..... 2 00 12 00

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Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs, Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A, NEW YORK. Telephone Lenox 5644.



DRAPER'S Recording Thermometer

Traces automatically a correct and continuous record in ink on the temperature on a graduated weekly chart. Standardized and fully guaranteed. Size 14x20 in., price \$30.00. Size 9x14 in., price... 20.00.

THE DRAPER MFG. CO. 152 Front St., New York

THE STANDARD VENTILATING MACHINERY



The original machine with self-oiling cups. The most powerful, least complicated, very compact, with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only Drip Proof gutter on the market.

The Standard Return Steam Trap

It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.

Flower Colors

Use our COLOR CHART in describing them, PRICE, \$1.00 POSTPAID.

American Florist Co., 324 Dearborn St., CHICAGO

Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using

Morehead Steam Traps

† The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

† It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

† The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

† By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO. Department "N" Detroit, Mich.

WHAT THE USERS SAY

Test at 14° Below Zero with Heavy Wind Blowing

FERGUSON BROS., Omaha, Neb., write as follows.—It might interest you to know the test is obtained with the Kroeschell Greenhouse Boiler and Kroeschell Piping system.

We have just had a night of 14° below with a stiff wind blowing and we carried the house at 52° with the boiler at 170°. The house is piped for 50° and as we are using a cheap grade of lark, the result speaks for itself.

We were told by the dealer when we ordered the coil that we could not burn it, so we bought a car of good coal to help along if the slack would not give results, but it was not necessary. The Kroeschell Generator certainly helps the circulation and the new method of piping for hot water is a surprise to some of the greenhouse men in this vicinity.

Send for Catalogue

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



AGERATUMS.

Ageratum Stella Gurney, R. C., 50c. 100; \$4. 1,000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera, red, yellow and Brilliantissima, rooted cuttings, 60c per 100; \$5 per 1,000; 2 1/4-in., \$2 per 100; \$18 per 1,000. Mosbæk Greenhouse Co., Onarga, Ill.
Alternanthera, yellow, R. C., 60c per 100. Jos. H. Cunningham, Delaware, O.

ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.
Araucarias, McHutchison & Co., 17 Murray St., New York.

ASPARAGUS.

Asparagus plumosus, 2 1/4-in., \$3 per \$100; \$27.50 per 1,000; 3-in., \$6 per 100; Asparagus 2 1/4-in., 2c; 3-in., 4c. Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus and Sprengeri, 3-in., 5c; 4-in., 7c. Cinerarias, 3-in., 4c; 4-in., 8c. All strong, healthy stock. Waaland & Co., Findlay, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100; 2 1/4-in., \$2.50 per 100; 3-in., extra strong, \$4 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus nanus seed, per 1,000, \$4; 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Portland 3-in. Sprengeri, can be shifted into 5-in., \$8 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 4-in., 8c. Edgar Easterday, Nokomis, Ill.

Asparagus Sprengeri, 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 5-in., 15c. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 2 1/4-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

ACUBAS.

Acubas, var., 12-15 ins., \$4 per doz; 18-24 ins., \$9. Bobbink & Atkins, Rutherford, N. J.

AZALEAS.

Azaleas. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Azaleas. Jacobs Smits, Naarden, Holland.

BAY TREES.

Bay trees, McHutchison & Co., 17 Murray St., New York.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Lorraine, 2 1/4-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonia Bouverine, R. C., \$1.75 per 100; express paid. S. D. Brant, Clay Center, Kas.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, McHutchison Co., 17 Murray St., New York.

BULBS.

Bulbs. For varieties and prices see advertisement on 2d cover page of this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Calla Elliottiana, large size, \$20 per 100; 2d size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs. Japanese lilies, giganteum, multiflorum, etc. McHutchison & Co., 17 Murray St., New York.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

CANNAS.

Canna roots. Ex. Crampbell, Austria, Chas. Henderson, Mill, Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Cannas, Sac. Chébanne, Clambar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts) \$1. Wagner Park Conservatories, Sidney, O.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	Per 100 Per 1,000
Washington	\$10.00 \$75.00
Sauzanne	6.00 50.00
Mary Tolman	6.00 50.00
Conquest	6.00 50.00
White Enchantress, March delivery	3.00 25.00
May Day, March delivery	3.00 25.00
Beacon, March delivery	3.00 25.00
White Perfection	2.50 20.00
Enchantress	2.50 20.00
Winona	2.50 20.00

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.
Carnations, Dorothy Gordon, \$6 per 100; \$50 per 1,000. Beacon, Victory, Enchantress, Rose Pink, Enchantress, White Enchantress, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 242 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanaka, \$6 per 100; \$50 per 1,000. Reibohm, \$12 per 100, \$100 per 1,000. Wanaka Greenhouses, Barneyville, N. Y.

Carnation, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Cottage Gardens Co., Inc., Queens, Long Island, N. Y.

Carnations. For varieties and prices see advertisement elsewhere in this issue. P. Dorner & Son Co., La Fayette, Ind.

Carnations, R. C., \$15 to \$20 per 1,000 for best standard varieties. Write for quotations. Northwestern Floral Co., Wilmette, Ill.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. Chicago Carnation Co., 35-37 Randolph St., Chicago.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyomate, Pa.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

CINERARIAS.

Cinerarias, large flowering dwarf, 3-in., \$3 per 100. Cash. J. W. Miller, Shuremanstown, Pa.

Cineraria, 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

COLEUSES.

Coleus, standard varieties, including Golden Bedder and Verschaffeltii. Rooted cuttings, \$5 per 1,000; 2 1/4-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, R. C., \$4 per 1,000; 60c per 100, by mail, 17 varieties. Cash. C. Schulte & Son, 201-275 Lawrence St., Flushing, N. Y.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, Verschaffeltii, Golden Bedder, \$6 per 1,000. Standards assorted, \$5. A. M. Herr, Lancaster, Pa.

Coleus, G. Bodder Verschaffeltii, etc., 2-in., \$2; 3-in., \$3. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Coleus, R. C., \$4 per 1,000. Fowlerville Floral Co., Flushing, N. Y.

CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

CUTTINGS.

	CUTTINGS.
Aceratum, blue	\$5.00 per 1,000
Coleus Paster, red, A pretty crinkly or crested leaf variety, 6.00 per 1,000	
Coleus Paster, yellow, a pretty crinkly or crested leaf variety, 6.00 per 1,000	
Alternanthera, red	5.00 per 1,000
Alternanthera, yellow	5.00 per 1,000
German Ivy	4.00 per 1,000
Salvia Splendens	6.00 per 1,000
Chrysanthemums, Bonnafton	3.00 per 1,000
Chrysanthemums, Borkbee	3.00 per 1,000
Chrysanthemums, Enrichard	3.00 per 1,000
STOCK PLANTS OF CHRYSANTHEMUMS.	
Ranunculus, yellow	\$3.00 per 100
Engelhardt, pink	3.00 per 100
Nolin, white	3.00 per 100

GEO. WITTBOLD CO., Chicago.

CYCLAMENS.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B, Milwaukee, Wis.

DAISIES.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

Daises, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

DRACENAS.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, extra strong, 2 1/4-in., one-year-old, \$3 per 100; \$25 per 1,000. Cash. Henry Daut, Decatur, Ill.

Dracenas, 4 and 5-in., fine plants, \$10 per 100. Greenville Floral Co., Greenville, Mich.

Dracena Brant, 6-in., due to Geo. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmons, Newton, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

FERNS.

Ferns, Boston, 2½-in., \$30 per 1,000. Whitman, 2½-in., \$50 per 100; \$40 per 1,000. Magnolia, 2½-in., 1½c each. H. H. Barrows & Son, Whitman, Mass.

Ferns, Boston and Pleasant, 2½-in., 4c; 3-in., 8c. Eleganissima, 3-in., 10c; 2½-in., 5c. Special prices on large specimen ferns. Mosbach Greenhouse Co., Onarga, Ill.

Ferns. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Pleasant, Eleganissima, Barrows, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns. Scholzei, 2½-in., \$5 per 100; 5-in., \$5 per doz.; \$40 per 100. Storrs & Harrison, Painesville, O.

Ferns. Whitman, 4-in., 25c each; 5-in., 35c. Boston, 5-in., 25c. Geo. M. Emmons, Newton, N. J.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000. Frank Oechlin, 4911 Quincy St., Chicago.

Ferns. Glatrail, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatrail, 463 Summit Ave., West Hoboken, N. J.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

FICUS.

Ficus, McHutchison & Co., 17 Murray St., New York.

FORGET-ME-NOTS

Forget-me-nots, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Fuchsias, 2½-in., \$4 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

GERANIUMS.

ROOTED CUTTINGS. At stock. Nutt, Grant, Poitevine, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery about February 20. The W. T. Buckley Co., Springfield, Ill.

Geraniums. Nutt, Perkins, Grant, La Favorite, B. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vland, Castellane, Poitevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmons, Newton, N. J.

Geraniums. Special offer see advertisement on front cover. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. S. A. Nutt, \$11.50 per 1,000. Poitevine, Ricard, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, standard varieties, 2½-in., \$2.50 per 100; \$20 per 1,000; 3-in., 5c; 4-in., 10c; \$30 per 1,000. La Favorite, 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

GLADIOLUS.

TO CLEAN UP—1,500 America at 3c. 500 Nezzeinscott at 4c. 1,000 Brencleyensis at 3c. 2,000 Park Hybrids at 1c, at once; all bulbs 1½-in. and up, fine. Central Seed and Bulb Co., Benton Harbor, Mich.

GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-b. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 10 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Out Flower Exchange, 33 Broadway, Detroit, Mich.

Greens, laurel wreaths, sheet moss, galax, lencothus and ferns. Swan & Cheggin, Roan Mountain, Tenn.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, brown and green galax. Geo. Cotsman & Co., 50 W. 28th St., New York.

Greens, 50 lb. case smilax, \$1.75. Henry M. Robinson & Co., Nadvah, Ala.

Greens of all kinds. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Wild smilax and other decorative greens. Geo. M. Carter, Evergreen, Ala.

HARDY PLANTS.

Hardy herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

HELIOTROPES.

Heliotrope Centefleur, \$10 per 100. E. G. Hill Co., Richmond, Ind.

Heliotrope, 2-ins., 4c; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotrope, 5 vars., \$3 per 100; \$25 per 1,000. Storrs & Harrison Co., Painesville, O.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmons, Newton, N. J.

IVY.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

LANTANAS.

Lantanas, 2-in., \$2; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILACS.

Lilacs, Charles X., Marie Le Graye, 8-9 in. pip, \$30 per doz. Bobbink & Atkins, Rutherford, N. J.

Lilacs, pot-grown, Souv. de L. Spath, Marie Le Graye, \$1 each; \$8 per doz.; \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Lilacs, Charles X., 50c each; \$5 per doz. Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jaes Smits, Ltd., Naarden, Holland.

LILY OF THE VALLEY.**To Import.**

Lily of the valley. Finest grade of pips grown by Mr. E. Neubert, Wandseke, Germany. New York representative, H. Frank Darrow, 26 Barclay St., New York City.

Lily of the Valley, Chicago Market Brand, \$1.75 per 100; \$15 per 1,000. Early for forcing, \$12.50 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

Lily of the valley, Premium dormant, \$12 per 1,000. International dormant, \$10. London Market (storage), \$14. Vaughan's Seed Store, Chicago.

Lily of the valley. For prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Lily of the valley pips, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley pips, Hamburg or Berlin type, McHutchison & Co., 17 Murray St., New York.

Lily of the valley pips, Hjalmar Hartmann & Co., Copenhagen, Denmark.

Lily of the valley. Jaes Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

From Storage.

Lily of the valley. Finest Hamburg pips from cold storage at all seasons. H. Frank Darrow, 26 Barclay St., New York City.

MANETTI.

Manetti, French, \$1.25 per 100; \$10 per 1,000. English, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Manetti, English, \$12 per 1,000. French, \$10. Jackson & Perkins Co., Newark, N. J.

MUSHROOM SPAWN.

Mushroom Spawn, English, 25 lbs., \$2.00; 100 lbs., \$6.50; American, 25 bricks, \$3.50; 100 bricks, \$12. Vaughan's Seed Store, Chicago and New York.

Mushroom Spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, 700 Spirea Van Houttei, 2 to 3 feet, \$5; 1,600 White Snowberry, 2½ to 3½ feet, \$5; 300 Crataegus oxyantha, 2½ to 3½ feet, \$5; 275 Sambucus Nigra, 2½ to 3½ feet, \$8. Send for additional surplus list. Henry Lake Sons Co., Black River Falls, Wis.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas. Jaes Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

Hamamelis Virginica, 50,000 extra fine transplanted.

Hamamelis Virginica (witchhazel).

3 to 5 feet, 3,000, \$100..... Per 100, 1,000.

4 to 6 feet, 2,000, \$100..... \$ 5.00 \$40.00

5 to 7 feet, extra heavy..... 10.00 90.00

20,000 Spirea Van Houttei, 6 to 18 in..... 1.50 12.00

15,000 Spirea Van Houttei, 18 to 24 in..... 3.00 25.00

10,000 Springa Coronaria (sweet scented), 1 to 2 feet..... 3.00 25.00

12,000 Springa Coronaria (sweet scented), 2 to 3 feet..... 4.00 35.00

20,000 Forsythia Viridissima, 1 to 2 feet..... 2.00 20.00

10,000 Forsythia Viridissima, 2 to 3 feet..... 3.00 25.00

12,000 Calycanthus (sweet shrub), transp., 2 to 3 feet..... 3.00 25.00

8,000 Calycanthus (sweet shrub), transp., 3 to 4 feet..... 5.00 40.00

Weigela in assortment, 2 to 3 ft. 3.50 30.00

Styrax Japonica, transp., 4 to 5 feet..... 12.00

200,000 California privet, light grade, 8 to 14 in..... 5.00 40.00

150,000 California privet, 2 branches and up, 1 to 2 feet..... 7.00 60.00

50,000 California privet, 2 branches and up, 2 to 3 ft..... 10.00 90.00

Above is good fresh stock. Order made to close them out. Box free. F. O. B. Send for trade list. FOREST NURSERY AND SEED CO., McMinville, Tenn.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, catceyas and novelties. Carillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, catceyas and novelties. Carillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

PANSIES.

Pansies (transplanted): these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$5 per 1,000. F. A. Baller, Birmingham, Ala.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

PALMS.

Palms, Kentia Bel, 2½-in., \$3 per 100; 3-in., \$18 per 100; 4-in., \$35; 5-in., \$60. Storrs & Harrison Co., Onarga, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms, Kentias, McHutchison & Co., 17 Murray St., New York.

Palms, Kentias. Joseph Heacock Co., Wyncote, Pa.

Palms. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

PEONIES.

Peonies, all vars. Jaes Smits, Ltd., Naarden, Holland.

Peonies. McHutchison & Co., 17 Murray St., New York.

PETUNIAS.

Petunias, double, 3-in., 75c per doz.; \$6 per 100; set of 15 for \$1. Seed of fringed, 75c per 600 seeds; \$1.50 per 1,000 seeds; single, 50c per dozen pkt.; \$1 per 1-16 oz.; \$1.50 per ¼ oz. Henry A. Dreer, Philadelphia.

POINSETTIAS.

Poinsettias, 5 and 6-in., 10c. Edgar Easterday, Nokomis, Ill.

PRIMULAS.

Primula obconica, giants, 3-in., \$3 per 100. Kewensis, 3-in., \$3 per 100; big strong plants. Cash please. J. W. Miller, Shiremansington, Pa.

Primula chinensis, 5½-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primroses, Obc. alba and rosea, \$1.50 per 100. Obc. gigantea, \$2. Jos. H. Cunningham, Delaware, O.

Primula obconica, 5-in., \$15 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Primula obconica, 4½-in., 10c. Edgar Easterday, Nokomis, Ill.

Primulas, Chinese, 2½-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

PRIVET.

Privet California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

RHODODENDRONS.

Rhododendrons. McHutchison & Co., 17 Murray St., New York.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacc Smits, Naarden, Holland.

ROSES.

Roses, budded field grown H. P. extra fine, roots and tops. Frau Karl Druschki, in large supply. Huntsville Wholesale Nurseries, Huntsville, Ala.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses for forcing. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Roses, 2½-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.

Rosa polyantha (Multiflora), 1st size, \$3 per 10,000; 2nd size, \$20. E. Turbat & Co., Orr, Teaneck, France.

Roses, hybrid perpetual and Ramblers. Jackson & Perkins Co., Newark, N. Y.

Roses, Newpor, Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

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Roses, 50 leading varieties. Wagner Park Conservatories, Sidney, O.

Roses. McHutchinson Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

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Seeds, stocks. For varieties and prices see advertisement elsewhere in this issue. Fottler, Fliske, Rawson, 12 Faneuil Hall Sq., Boston, Mass.

Seeds. Vaughan's new crop flower seeds. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, cabbage, peas, cauliflower. F. W. Boigiano & Co., 1009 B. St., N. W., Washington, D. C.

Seeds, cauliflower, cabbage, mangold, Swede turnip. Hjalmar Hartmanns & Co., Copenhagen, Denmark.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower. Frederick Roemer, Quedlinburg, Germany.

Seeds. Lindbergh Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seed, all kinds. J. M. Thorburn & Co., 33 Barley St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds for market gardeners. German Nurseries and Seed House, Box 709, Beatrice, Neb. Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Contract Growers.

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar dill and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

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Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbenas. Waldo Rohner, Gilroy, Calif.

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Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

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Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robinson & Co., Fine Apple, Ala.

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Verbenas. J. L. Dillon, Bloomsburg, Pa.

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Vinca var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

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Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

TO EXCHANGE.

To Exchange—Canna bulbs, rooted chrysanthemum cuttings or Sangano carnation cuttings for geranium rooted cuttings. Jos. F. Klimmer, 812 Dunlap Ave., Forest Park, Ill.

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Stock Wanted—1-year-old seedlings of the following: Cedrus Deodora, Colo. Blue Spruce, Biota aurea, Biota aurea conspicua, Biota Rosea, Japan Varnish trees, Pinus excelsa, Catalpa bignonioides, Catalpa Speciosa, Yancy Bros., Porterdale, Ga.

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Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 67 W. 28th St., New York.

The Florists' Exchange, 729 13th St., N. W., Washington, D. C.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 61 Wabash Ave., Chicago.

Holton & Hunkel Co., 462 Milwaukee St., Milwaukee.

Hunt, E. H., 76 Wabash Ave., Chicago.

Kasting Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennicott Bros. Co., 48-50 Wabash Ave., Chicago.

Kessler Bros., 136 W. 28th St., New York.

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Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 61 Wabash Ave., Chicago.

Kuehler, Wm. H., 28 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 28th St., New York.

Levy, Joseph J., 66 W. 26th St., New York.

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McKellar, Chas. W., 61 Wabash Ave., Chicago.

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Millang, Chas., 55 W. 26th St., New York.

Moore, Hentz & Nash., 55 W. 26th St., New York.

Munk Floral Co., Columbus, O.

N. Y. Cut Flower Exchange, Coogan Bldg., New York.

Niessen Co., The Leo, 1209 Arch St., Philadelphia.

Pennock-Meehan Co., S. S., 109 W. 28th St., New York.

Pittsburg Cut Flower Co., 121 7th St., Pittsburg.

Pittsburg Florists' Exchange, 15 Diamond Sq., Pittsburg, Pa.

Randall, A. L. Co., 19-21 Randolph St., Chicago.

Rice Bros., 115 6th St., Minneapolis, Minn.

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Sheridan, Walter P., 131 W. 28th St., New York.

Siebrecht & Siebrecht, 136 W. 28th St., New York.

Smith, P. J., 49 W. 28th St., New York.

Treadwell & Schenck, 131 W. 28th St., New York.

Vaughan & Sperry, 62 Wabash Ave., Chicago.

Weiland & Risch, 69 Wabash Ave., Chicago.

Weich Bros., 226 Devonshire St., Boston, Mass.

Weiss & Sons, Charles, 128 W. 28th St., New York.

Young & Co., A. L., 54 W. 28th St., New York.

Zech & Mann, 61 Wabash Ave., Chicago.

Growers.

Bassett & Washburn, 76 Wabash Ave., Chicago.

Budlong, J. A., 37-39 Randolph St., Chicago.

Dillon, J. L., Bloomsburg, Pa.

Elliott, W. H., Brighton, Mass.

Hill, E. G. Co., Richmond, Ind.

Poehlmann Bros. Co., 33-37 Randolph St., Chicago.

Reinberg, Geo., 61 Wabash Ave., Chicago.

Reinberg, Peter, 35 Randolph St., Chicago.

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 Colorado Springs, Colo.—Frank F. Crump.
 Dallas, Tex.—Texas Seed and Floral Co.
 Dayton, O.—Matthews, 16 W. 3rd St.
 Denver, Colo.—Daniels & Fisher.
 Denver, Colo.—The Park Floral Co.
 Detroit, Mich.—John Breitmeyer's Sons, Miami
 and Gratiot Aves.
 Grand Rapids—Grand Rapids Floral Co.
 Grand Rapids, Mich.—Eli Cross, 25 Monroe.
 Indianapolis—Bertermann Bros. Co., 241 Mass.
 Ave.
 Kansas City—Geo. M. Kellogg Flower and Plant
 Co.
 Kansas City—Samuel Murray, 913 Grand Ave.
 Kansas City—Wm. L. Rock Flower Co.
 Los Angeles, Calif.—Wolfskill Bros., 216 W. 4th
 St.
 Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.
 Louisville, Ky.—Jacob Schulz, 550 S. 4th Ave.
 Louisville, Ky.—F. Walker & Co., 634 4th Ave.
 Milwaukee—C. C. Pollworth Co.
 Nashville, Tenn.—Geny Bros.
 New York—David Clark's Sons, 2139 Broadway.
 New York—Dard's, 44th and Madison Ave.
 New York—Alex McConnell, 571 5th Ave.
 New York—Malandre Bros., 2094 Broadway.
 New York—Myer, Florist, 609 Madison Ave.
 New York and Washington—J. H. Small and
 Sons.
 New York—Young and Nugent.
 Omaha, Neb.—Hess & Swoboda, 1415 Farnum St.
 Philadelphia—J. J. Habermehl's Sons.
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 Rockford, Ill.—H. W. Buckbee.
 St. Louis—F. H. Weber, Boyle and Maryland
 Aves.
 St. Louis—Young's, 1406 Olive St.
 St. Paul, Minn.—Holm & Olson.
 St. Paul, Minn.—L. L. May & Co.
 San Francisco—J. B. Boland, 60 Kearney St.
 Terre Haute, Ind.—John G. Heint & Son, 129
 So. 7th St.
 Toronto, Can.—Dunlop's, 96 Yonge St.
 Washington—Blackstone, 14th and H Sts.
 Washington—Geo. H. Cooke, Conn. Ave. and L
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Boilers. The Moninger-Furman, 200 sizes and
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 Machine & Boiler Works, 850 Superior St.,
 Chicago.
 Boilers. Metropolitan Material Co., 1394 Metropoli-
 tan Ave., Brooklyn, N. Y.
 Boilers. Steel return tubular. Johnston Heat-
 ing Co., 131 E. 20th St., New York.
 Boilers. Chicago House Wrecking Co., 35th
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 Wilks' self-feeding hot water boilers. S. Wilks
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 Boilers, all sizes. Kroeschell Bros. Co., 452
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Superior carnation staple, 1,000, 50c postpaid.
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"NUF-SUD." Best red pots are made by Geo.
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Pots. Florist red. Peters & Reed Pottery
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The Red Pot. C. C. Polworth Co. All roads
 connect with Milwaukee.

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Cane Stakes. Standard grade, 6 to 8 feet, per
 100, 55c; 600 for \$3; \$5.50 for 1,000.
 Pipe stems, about 6 feet, per 100, 60c; per
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Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes $\frac{3}{4}$ and $\frac{1}{2}$. 40c per lb., by mail 16c extra: 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

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Firmly**See the Point &
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**VAUGHAN'S,
SEED STORE**
Chicago New York

Davenport, Ia.

Business the past week has been fair, with just about enough to use up all the blooms the dark days are producing, funeral work using up nearly everything in sight. Carnations and roses are good, but not quite enough coming in to go around. Violets, Roman hyacinths and Paper White narcissus find a ready sale. Lilies, frezias, single daffodils and tulips are also seen in some of the store windows. Sweet peas are also getting a little more plentiful. Trade so far this winter has been up to all expectations and one will find the florists of this locality mostly in good humor—the only group they have is against their old enemy, the coal man.

FLORISTS' MEETING.

The January meeting of the Florists' Club was held January 12 at the home of Wm. Knees and as usual a fine attendance turned out, nearly every member of the club being present. Bulbs, Easter and spring plants, was the topic for the evening, every member being called upon for a talk along these lines, and many fine points were thus brought out. The committee on the annual banquet, Harry Ellis, chairman, reported that everything was progressing nicely and that the annual affair would be held at the Watch Tower Inn on or about March 16, and arrangements were being perfected to eclipse anything yet attempted. The president appointed a committee of three, Ludwig Staff, A. Anderson and Wm. Goos, to nominate a list of officers for the annual election, to take place at the regular meeting in March, after which the club adjourned into the dining room, where a fine supper was in waiting, having been prepared by Mrs. Knees and her daughters and a jolly social hour was spent. Harry Ellis' invitation to meet at his home in Davenport February 9 was accepted.

NOTES.

Some of the boys were kept on a jump to keep things warm in the recent blizzard. But all pulled out O. K. Two degrees above zero and a wind blowing at 62 miles an hour is no joke with the best kind of an equipment.

A. Anderson is very proud of a red carnation seedling which he had on exhibition at the club meeting, and well he may be, for it surely is the finest red ever seen here.

Wm. Knees of Moline is cutting some very fine gladioli, which are finding a ready sale.

Moline, Ill., will spend some \$40,000 on her parks this summer. T. L. E.



Colorado Sends to New York for Its Finest Greenhouses

That is to say she has been sending to our New York factory at Irvington. But now with a factory at Des Plaines, near Chicago, we will make all shipments direct from there and cut out the freight cost for that extra 1000 miles haul. That will be a decided advantage.

This particular group of houses we erected for Mr. A. Coor, at Golden, near Denver. It is located at the very base of the Rocky Mountains. It was planned in ridge and furrow fashion so that it would fit as compactly as possible into the space between the building on the right and another one, out of sight, at the left. The result is certainly very effective.

It is Iron Frame construction.

It is fully described and illustrated in our new catalogue. Before you do a thing about building, you want to send for this catalogue.

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IRVINGTON, N. Y.

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3 Compartment Curved Eave

**House We
Recently
Erected for
Mr. Jas. McDonald
at Flushing, Long Island**



When it comes right down to facts, real "honest in your facts," there is no better curved eave houses built than ours. You can't buy any lighter house that is safe—you can't buy any more attractive house that is practical. What more do you want?

Send for Our New Catalogue.

HITCHINGS & COMPANY, ELIZABETH, N. J., and
1170 Broadway, N. Y.

BAR HARBOR, ME.—John H. Stafford has purchased a lot of land, erected thereon a greenhouse 200 feet long, with concrete walls and every modern improvement. The house which he has been using has for a long time been inadequate.

SANTA ROSA, CALIF.—Miss Margaret Butts has moved into a larger store at 410 Fourth street.

PENN. YAN, N. Y.—The Comings greenhouse property on Head street has been sold. George L. Barden, 2nd, being the purchaser.

Hot Bed Sash

Excellent Quality at Bargain Prices.
Size: 3 ft. by 6 ft., 1 1/2-inch thick.

Prices—GLAZED HOT BED SASH.

Clear Western Soft Pine.
10-A-G-88—Single lots. Price each \$1.67
10-A-G-88—Dozen lots or more, each 1.60
Clear Louisiana Red Cypress.
10-A-G-88 1/2—Single lots. Price each 1.68
10-A-G-88 1/2—Dozen lots or more. Price each 1.62

Prices—OPEN HOT BED SASH.

Clear Western Soft Pine.
10-A-88—Price, single lots, each 96c
10-A-88-B—Price in lots of 1 dozen or more, each 90c
Clear Louisiana Red Cypress.
10-A-88-C—Price, single lots, each \$1.00
10-A-88-D—Price in lots of 1 dozen or more each 95c

All prices for material named are F. O. B. our yards or delivered to any depot or dock in Chicago. Prompt shipment and safe delivery guaranteed.

Send for our new 1000-page Catalog No. 47.
Free upon request.

Chicago House Wrecking Co.
35th and Iron Sts., CHICAGO.

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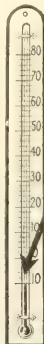
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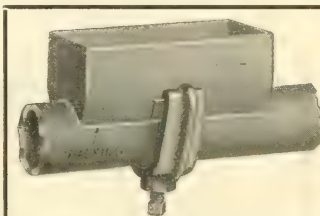
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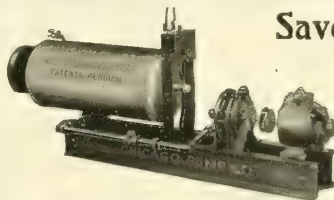
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Iron Bench
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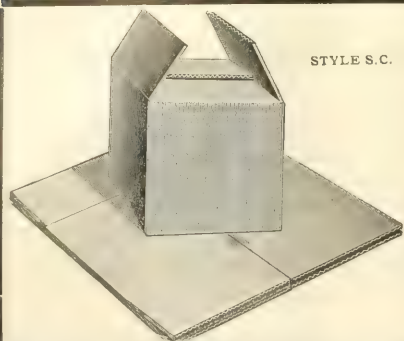
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50 PER CENT CHEAPER THAN WOOD CASES.

THESE CASES are made of heavy waterproofed corrugated fibre board, and are accepted by railroads same rate and classification as wood cases.

They will stand more rough handling, are much lighter, can be sealed with less expense than nailing covers on wood cases, and are supplied flat, effecting a great saving in storage room. We make them all sizes and for all purposes.

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Illustration shows case made up, also case flat as supplied.

WRITE FOR FURTHER PARTICULARS.

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1129 Arch Street, PHILADELPHIA, PA.
Send for our new catalogue.



Stamford, Conn.

A well dressed, gentlemanly looking man, rather short in stature, gray mustache and fair complexion, stepped into the florist store of Mrs. A. Lindstrom, January 9. Approaching that lady he said, "Good morning, I presume you do not know who I am." "No, sir," replied Mrs. Lindstrom. "I do not remember seeing you before." "Well," the stranger said, "I am around gathering in a few accounts, but let me see if you can guess who I am." Mrs. Lindstrom, immediately thinking of some one to whom she owed an account, said, "Are you Mr. Vaughan?" "Well, well," replied the stranger, you have guessed it first time." The stranger then went on to explain that, owing to the bank troubles in New York, he was pressed for money, his funds were tied up and he was out getting what he could from his customers. Finally, he said, "Let me see the last statement I sent you." Mrs. Lindstrom went to her desk, found the statement and showed it, saying, "I will give you a check for the amount." "No, no," said the stranger, "the check would be no use to me; I could not get it cashed, the banks are in trouble; give me the amount in cash." Not having the full amount, Mrs. Lindstrom gave him \$27, all the cash she had in hand, the stranger credited the amount on the statement, took an order for some supplies and departed, promising to call again.

Not receiving the supplies she had ordered, Mrs. Lindstrom wrote Vaughan's Seed Store about the matter; on receiving word that no order had been placed, she journeyed to New York, where she learned that a sick game had been played and she was \$27 to the bad.

Fancy working a game like that on a widow; such a rascal ought to be in jail for the rest of his life, look out for him!

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is impossible. If you rebuilding or adding you to write us.

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SASH BAR
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MANUFACTURERS OF
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of Louisiana Cypress and
Greenhouse Hardware and Posts.

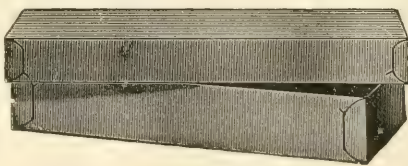


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Washington Red Cedar,
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Our grade invariably the best, our prices right.
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All sizes, lowest prices. Write.

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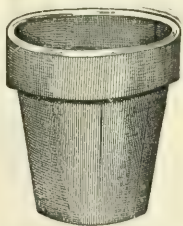
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Write us for catalog and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you wish it for display or only for storage.

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We have all sizes ready for immediate shipment. Get our prices with packing included.

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BEST PACKED
EASIEST APPLIED

"Nico-Fume" LIQUID

OVER 40% NICOTINE

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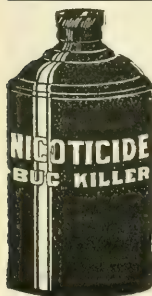
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1728 sheets.....	35.10

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Pint.....	\$ 1.50
1/2 Gallon.....	5.50
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Bug Killer and
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PERFECT PLANT FOODS.

THOMSON'S Vine, Plant and Vegetable **MANURE**

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Also Thomson's Special Chrysanthemum and Toppresing Manure, An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write for our special offer to the American trade. Agents' circulars, pamphlets, etc. to sole makers.

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The Mastin Automatic Whitewash and Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish. When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your dealer about our **Extension Hose, Extension Rods,**

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INSECTICIDE AND FUNGICIDE
For the Garden, Orchard and Greenhouse
Non-poisonous and harmless

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy to use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

PERFECTION CHEMICAL CO.,
FLUSHING, N. Y.

Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910

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Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for quick top-dressing. Unequalled for all field use. Write for circulars and prices.

The Pulverized Manure Company,

32 Union Stock Yards,

Chicago

green flies and black ones too

are easy to kill with
The Fumigating Kind Tobacco Powder

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOUTOFF CO., MOUNT VERNON, N. Y.

Nassau County Horticultural Society.

The regular meeting of the society was held at Pembroke Hall, January 11, with President S. J. Trepass in the chair. Winners for the day were: Cauliflower, J. Elmslie; lettuce, V. Cleres; tomatoes, J. McDonald; carnations, V. Cleres, cultural certificate; cauliflower, F. Petrolia, cultural certificate; tomatoes, V. Cleres, honorable mention. Ernest Westlake was elected corresponding secretary and Henry Cliff member of the executive committee. Some very fine orchids were exhibited by Julius Roehrs Co. Prizes for next meeting will be for 12 white, 12 pink, 12 red carnations, also special prize for vase of 12 Alma Ward roses. The annual dinner of the society will be held at Schleicher's Hall, Glen Cove, Wednesday, January 25. O. E. A.

Indianapolis.

The annual meeting of the Indiana State Florists' Association was held at the Commercial Club, Indianapolis, January 10, with an attendance of about 50 members, the following officers for the year being elected:

George R. Gause, president.

H. Junge, vice-president.

A. F. J. Baur, secretary.

H. S. Wiegand, treasurer.

Action was taken toward extending an invitation to the American Rose Society to hold their meeting next year at Indianapolis. Plans were also adopted whereby the floral exhibits at the state fair may be improved, and a committee appointed to confer with the State Board of Agriculture.

A very interesting display of flowers was made. Baur & Smith exhibited their new creation Pochontas and other exhibitors were Stuart & Haugh, Rodenbeck Bros., Bertermann Bros. Co., A. J. Pettit, H. White, E. Temperley and Chicago Carnation Co.

Providence.

The Florists' and Gardeners' Club of Rhode Island held its annual dinner in Swarts Lodge Hall, January 16. Previous to the dinner the club held a short business meeting and the following officers were elected for the current year:

Robert Johnston, president.

Eugene Appleton, vice-president.

William E. Chappell, secretary.

William Hill, treasurer.

The members of the club and their guests to the number of one hundred assembled at the tables which were beautifully decorated with plants and flowers. After full justice had been done the repeat, ex-President Chappell was introduced as toastmaster who in turn introduced the following speakers: Prof. H. J. Wheeler of the Rhode Island College, Thomas J. Grey of Boston, Charles W. Smith, secretary of Rhode Island Horticultural Society, Michael Sweeney, James B. Canning, Charles McNair, H. Howard Pepper, John Burke and James Burke. The addresses were interspersed with vocal and instrumental music. The committee in charge of the dinner were Alex. Macrae, James Dillon and H. C. Neubrand.

Syracuse, N. Y.

As a result of the organization of a new Rose society in this city, Syracuse will have three important flower shows this year, unless present plans miscarry. There will be one in May, for sweet peas; another in July, for roses; and a later one for chrysanthemums, perhaps in the early fall. The Rose society was formed at a meeting of prominent florists and gardeners held at the Y. M. C. A., January 21. Harry L. Youell acted as temporary chairman, and Earl A. Peter was temporary secretary. Rev. Dr. E. M. Mills, an authority upon roses, read an interesting paper upon shows he had attended recently, and pointed out what a good thing flower shows in this city would prove. The following committee was appointed to draw up a constitution and by-laws and to report at a meeting to be held February 7: H. L. Youell, George E. Thorpe and J. C. McNally. All the florists and gardeners are enthusiastic over the new organization, and a number of them have given assurance to the officers that they will work hard to make it a success.

Dealers in this city report an unusually brisk business the week of January 22. The city grammar and high schools held their graduating exercises and the demand for roses, which have been quite scarce, was large. Several dealers say they were unable to fill all their orders. A. V. B.

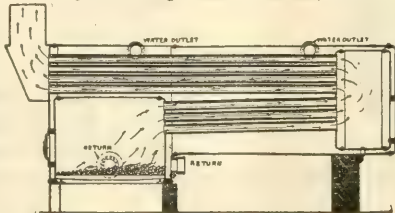
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RETURN FLUE FIRE BOX BOILER

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$\frac{1}{2}$ of the heating surface is in the tubes.

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After using our boiler one season, you will say like all others: "Nothing but 'Superior' for me."

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MADE IN NINE (9) SIZES FOR HOT WATER.

Send for catalogue and list of growers that are using this boiler

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GREENHOUSE GLASS.

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Quality A. No. 1. Prompt shipments.

Hooker's Greenhouse White Paint

The most durable white paint for this purpose.

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Hawthorne and Weed Sts.,

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PLANT BASKET OF LILIES, LILY OF THE VALLEY AND OTHER PLANTS.

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America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XXXVI.

CHICAGO AND NEW YORK, FEBRUARY 4, 1911.

No. 1183

THE AMERICAN FLORIST

TWENTY SIXTH YEAR.

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Entered as Second-Class Matter Nov. 11 1891,
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under act of March 3, 1879.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—Geo. Asmus, Chicago, President;
Richard Vincent, Jr., Baltimore, Md., Vice
Pres.; H. B. DORNER, Urbana, Ill., Sec'y; WM.
F. KASTING, Buffalo, N. Y., Treas. Adjourned
meeting at Boston, Mass., March 31-April 1,
Second National Flower Show, Boston, Mass.
March 25-April 1, 1911. Chester I. Campbell,
Manager, 5 Park square, Boston Mass.
Annual Convention at Baltimore, Md., August,
1911.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition in conjunc-
tion with the St. Louis Horticultural Society, St.
Louis, Mo., November, 1911. ELMER D. SMITH,
Adrian, Mich., President; C. W. JOHNSON,
Morgan Park, Ill., Secretary.

THE AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Boston, Mass., March 29-30, 1911. FRED. BURKE,
Pittsburg, Pa., President; A. F. J. BAUR, Thirty-
eight St. and Senate Ave., Indianapolis, Ind.,
Secretary.

AMERICAN ROSE SOCIETY.

Next annual meeting and exhibition at Boston,
Mass., March 27-28, 1911. WM. H. ELLIOTT, Brighton,
Mass., President; A. FAREWELL, Roslyn, Pa.,
Vice President, BENJAMIN HAMMOND, Fishkill-
on-Hudson, N. Y., Secretary.

NATIONAL SWEET PEA SOCIETY.

Next meeting and exhibition at Boston, Mass.,
March 28, 1911. W. ATLEE BURPEE, Philadelphia,
Pa., President. HARRY A. BUNYARD, 342 W. Four-
teenth St., New York, Secretary.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 1911.
B. H. FARR, Reading, Pa., President; A. H.
FEWKES, Newton Highlands, Mass., Secretary.

AMERICAN GLADIOLUS SOCIETY.

Next meeting and exhibition at Boston, Mass.,
March 30, 1911. I. S. HENDRICKSON, Floral Park,
N. Y., President. L. MERTON GAGE, Orange,
Mass., Secretary.

GREENHOUSER'S OBSERVATIONS

The New Insecticide Law.

Truly the lot of the manufacturer of insecticides will not be a happy one under the new regulations, as outlined in THE AMERICAN FLORIST, issue of December 31, 1910, page 1150. Nor will the grower who has a liking for certain proprietary insecticides and has become familiar with their use, be any happier to find that he will not be able to procure them if manufactured outside his own state. The way of our lawmakers are weird and wonderful, and far beyond the comprehension of a plain grower like "Greenhouser." Suppose, for instance, that an Illinois grower has for years been using an insecticide made in Kentucky. He is not particularly interested in knowing the exact formula from which this has been made. Indeed, he probably would be all at sea if confronted with the names and quantities of the various chemicals included in its manufacture. But he does know that it is perfectly safe to use on the crops he is chiefly interested in, and that it is effective in destroying the insects that infest these crops.

He may have paid a higher price for these conveniences than the actual cost of the raw material, but he knows that by doing so he is paying for the knowledge and experience of skilled chemists employed by the manufacturers of the insecticide. He is obtaining in a condensed and handy form what will cause him consider trouble to obtain and mix for himself. But under the new regime, if we have read aright, this will all be altered, and he will have to begin his experiments all over again, either with chemicals of whose nature he is ignorant, or with a ready made article purchased and prepared in his own state. Of course, he will have the satisfaction of knowing, to the one-hundredth part of a grain, how much of certain constituents his mixture contains, and this will doubtless tide him over many difficulties and rough places. Again, any insect that would not be content to be decently poisoned with a decoction so carefully prepared in the state in

which he has been born and reared, would surely be hard to please.

How much the ultimate consumer is benefited by all these regulations, it would be difficult to say, but, certainly manufacturers, shippers and jobbers are already unnecessarily harassed by state and federal regulations along many lines. Not one consumer in a hundred, who uses insecticides, is sufficiently conversant with the nature of the ingredients used to form an intelligent opinion of their value from such data as ordered by these new regulations. But "Jacks-in-office," state officials, and bright youths straight from college, revel in them, and gloat over such details—and "caveat emptor" never was perfect law anyway.

The Horticultural Inspector.

Two full fledged horticultural inspectors in a western state, armed with microscopes of, I am not sure, how many indicated horsepower, descended upon a consignment of plants that had already been inspected, and possibly also disinfected, at New York, shipped across the continent at a high cost by express, and then kept waiting for several days, until the aforesaid inspectors could make it convenient to come. And all they found was one plant louse (aphis). And the waiting grower, knowing that every hour the plants were kept about lessened his chances of success with them, felt like breaking up the council of two that sat in judgment upon that offending aphis, by telling it to take it to a taxidermist. But the majesty of the law forbade, and presently the august assemblage came to the conclusion that although the aphis had no business there and should have remained in Belgium or Holland or wherever the plants came from, yet, his—or her—presence did not constitute a sufficient misdemeanor—within the meaning of the act—to necessitate the destruction by fire, or otherwise, of the whole consignment, and gave it a clean bill of health. And when the plants were placed in the greenhouse of the aforesaid grower, many white

flies—for which the inspectors were supposed to search diligently—and also a few larvae of the gypsy moth, were discovered by the hirelings of the grower. But that is another story. The plants thrived abundantly, and when in flower, had again to be shipped to a neighboring town at a distance of about four miles, whereupon it became necessary that the grower again call in the inspectors, who again came at their leisure, the while the plants were drying up in their packing cases, and the purchaser thereof waxing hot under the collar, because of their non-arrival. But eventually the plants got safely on their journey, the white fly and the other impedimenta were still unsuspected by the inspectors and went with the plants, but the majesty of the law had been upheld, the proper amount of red tape had been wound and unwound, and with the happy consciousness of a work well done, the inspectors went home. All of which goes to show the importance, one had almost said the necessity, of the horticultural inspector.

Retailer and Grower.

Much of the friction existing between retailers and growers of stock comes from a misunderstanding of each other's troubles and trials, and although they would, in many cases, like to come together and make an amicable arrangement, they are prevented by just these misunderstandings from doing so. Speaking to a successful retailer recently, he gave it as his opinion that one of the principal causes of trouble was the lack of variety in most growers' stock. For instance, one man finds a good demand for, say, Easter lilies one year. In consequence he doubles his orders for bulbs the next season, while perhaps another grower, who noted the first one's success, also grows a quantity. Then because the retailer cannot dispose of about three times the number the following season, he is reviled by the grower. Had the same number of lilies been grown and a number of hyacinths, tulips or daffodils, or all of these, then a better variety would have been produced and all would have sold.

In some localities, where one grower handles carnations extensively and another roses, the cut flowers, as well as the plant stock, are apt to be lacking in variety. Some retailers hardly know what they do want, yet they acknowledge the lack of variety and ask their growers to give them something new. If the grower, on the other hand, works up something novel, he is immediately told that "our people don't know it. We will take it and try it out, and pay for it if it sells." Poor consolation this for the grower, who has perhaps worked a whole season to get it. Still, there can be no denying the fact that the retailers, in many small towns especially, are suffering from the want of variety in their offerings, and it is up to the grower to try and relieve this as far as possible. We have several of our best customers (retailers), who ask us for special lines and give their orders for these in advance, long enough in advance for us to grow the stock. Now, although this is not always possible, it is mighty comforting to know that if our stock turns out good, we

are sure of a market. We offer this as a suggestion to others, for it has certainly worked well with us, allowing of a quick clearance of stock at Christmas and giving satisfaction on both sides.

The Help Problem.

There is a saying in England that "an old poacher makes the best gamekeeper," and a man who has been through the mill himself from the ground up in the florists' business, usually has some feeling for the boys and young men that are working for him, and gets the best out of them that is in them. Certainly there are some men, excellent financiers and good at heart to the people who are working for them, but they fail to get the best out of their help, and then cry out that there is no good help to be had. There is little enough of it we grant. The average young American does not like the growing of flowers and plants as a living, and in consequence the actual growing end of the business is getting more and more into the hands of the Scandinavian, German and British immigrants in the east and middle west, and of the Japanese and Chinese on the west coast.

And these nationalities are surely ousting the native born American more and more from the business. It cannot be denied that the early work of a young man or boy in the large growing plants is of an unpleasant and uninteresting nature. There is not the variety in the work that there is in the old country "nursery," or on private estates, consequently, if he can possibly get anything else to do, our young hopeful soon removes himself as far away from a greenhouse plant as possible. Again almost every grower has his own fads and his own way of doing things, and young men, trained in a different school, find it difficult to "get along" with him. Could we only look at things from the standpoint of the "man lower down," we would often be less harsh in our judgment of him. Speaking personally, we consider it far preferable to get boys and young men and break them in to their work rather than to take on men with sheets of references from previous employers. But this, of course, does not help the problem that is facing many owners of greenhouses, viz., how to get help that can be trusted, even under a good foreman or superintendent, to handle a house or two of stock.

We were wanting a man with experience in the growing end the other day, and asked a local seedsman to send along anyone who seemed at all likely. In less than a week at least a dozen "experienced" men called, but a walk through part of the greenhouses with them showed each one to be quite incapable, and, as we have had to do many times before, we gave the job to a younger man, and will have to let him grow into it. And here we would like to warn anyone who is on the lookout for help against the "rounder." He has usually, according to his own story, worked in almost every city in the Union. He speaks of the heads of large firms he has worked for by their first name, in order to show his familiarity with them, and knows their business, past, present and prospective. Beware of the rounder, friends. He is no good himself, as a rule, and can do more to

stir up strife and dissatisfaction among a bunch of men than a terrier in a pack of hounds. He will probably have a tale to unfold about your place to the next prospective employer he meets, but this is better than letting him either work you or work for you. GREENHOUSEUR.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Flowers for St. Valentine's Day.

Although St. Valentine's day is not one of the great flower days of the year, yet there is always a demand for more or less of nature's beauties on that day and by a little attention this can be greatly increased. Valentine's day is full of sentiment, and there is nothing in the world more able to express that feeling than the beautiful products in which the florist deals. The loving swain on that day is sure to desire something by which he can express his devotion or amorous feelings, and it is an opportunity for the florist to cultivate the use and the presentation of flowers on this occasion. The forms in which they can be arranged are innumerable and opportunity is presented to use all the ingenuity and artistic ability with which the designer is endowed. A nice display of beautiful flowers and attractive features for the few days before February 14 are sure to draw the attention and augment the sales. The smaller flowers are sure to be in demand. Violets will surely have a call for a nice bunch of these sweet flowers in a suitable box tied with a handsome ribbon is a most suitable valentine for any young person to send to his admired. Forget-me-not is especially appropriate, and is often grown in considerable quantities near the larger cities especially for this day. This little blue flower, almost insignificant at other seasons, is full of sentiment at this time, and is always in great demand where obtainable. Lily of the valley is another flower that will meet with call for its pure white bells and delicate fragrance are sure to appeal to the admirer, and besides, as this flower is classed by so many as among the most select, it is especially sought on this day. Roses, of course, are always in demand and are used not only in cut flowers but in many ways in made up work, bouquets, baskets, etc. Pansies are particularly sought by many for their pleasing little flowers known by so many under the old English name of heart's ease, appeal very strongly to the sentiment of the day. Orchids are always in favor and particularly at this season.

There will be more or less demand for flowers made up in forms and these should be so arranged as to carry out the idea of the season both in the best thought and ability. Corsages and bouquets will be mostly sought and with the wealth of flowers at hand and by the aid of beautiful ribbons can be made most attractive. The old fashioned bouquet with its paper bouquet holder is again quite in vogue and is made a special feature by some. Our illustrations will give an idea of how beautiful the bouquets for Valentine's day can be made and artistically trimmed. Baskets and hampers



ST. VALENTINE'S DAY BOUQUET ARRANGED BY CHARLES THORLEY, NEW YORK.
Composed of Red Roses, White Lilac and Cypripediums, Tied With Nile Green Chiffon and Baby Ribbon.

will be necessary, both of flowers and plants and can be so arranged as to be particularly attractive and appropriate for the day. The red heart generally made of carnations and pierced by the arrow, either gilded or wound with white ribbon of fine texture, has always been one of the particularly appropriate designs for Valentine's day. The lover's knot is one of the latest floral valentines, and can be made very beautiful and effective and will be thoroughly appreciated when well arranged. Other features which are seen are the floral envelope tied with ribbons, Cupid's bow and arrow, and the decorated fan. These arrangements if put up in good taste, and displayed where those who observe the day may have their attention drawn to them, are sure to meet with approbation and attract many whose thoughts had never extended beyond the paper valentines of the swains and admirers of years ago.

St. Valentine Suggestions.

Today at St. Valentine's shrine few lovers go to pray. The present day Romeo finds a dozen American Beauties or orchids quite more effective and much more to his taste and his lady's, than toil-worn rhymes. Today so many effective little ways present themselves in arranging flowers appropriately for this occasion. In all cases daintiness should be the keynote.

SUPPER DECORATION.

For a buffet supper decoration take a flat basket for the center piece, mound with moss ten inches high, a sort of tapering pyramid, cover with ivy leaves evenly and smoothly all around, arrange lily of the valley in a loose graceful bunch at top—using the valley foliage in a wreath around the blossoms. At even intervals from each other place six hearts. A piece of cardboard—if nothing in any way of wire frame is available—can be used to advantage by covering it with moss. On this the carnations (red) should be worked. The size of hearts should be in keeping with the size of the table. Around the base of the basket make a garland of lily of the valley, extend red satin ribbon from each heart across table, letting it fall over edge, knotting the ribbon ends in a loose effective knot, using pretty sprays of ivy in each knot, also place sprays of the ivy between each ribbon to which a tiny red carnation heart is attached.

CUPID'S BOW.

Cupid's bow and arrow can be artistically made of violets, using lily of the valley at the dart of the arrow. The bow can be made of wire, covering it carefully with violets, suspended from two mounds made of red roses shaped in heart fashion—also use a heart shaped mat of red satin on which red rose petals should be sewed—or pasted, if possible. As a finish place a fringe of green around the mat. For souvenirs hollow hearts made of red satin with red rose petals sewed on, turning them up as much as possible, and at the same time keep the lines, fill with candied violets. Where the dent of heart turns place a dainty bow of red gauze ribbon.

A VALENTINE SHOWER.

This is made of three good sized hearts of red roses. At the point an



ST. VALENTINE'S DAY BOUQUET BY CHARLES THORLEY, NEW YORK.
Enchantress Carnations and Lily of the Valley, Tied With Pink Chiffon and Baby Ribbon.

immense red satin bow is so arranged that it can readily be unloosened. The hearts are attached at the upper part so as to make an opening of good size where valentines, mottoes and other souvenirs can be placed which are distributed by pulling the ribbon and precipitating the valentines on the table where each guest scrambles for her particular one. The hearts, made of red rose buds, should be suspended from carnation streamers interspersed with red rose buds and foliage. This should hang over the center of the table, under which a mirror should be placed to reflect it. Bank around the mirror with asparagus vine in which place small hearts made of red rose buds. Each guest receiving a heart made of red rose buds tied with a shower of tiny ribbons to which a motto is attached with name of guest.

FOR A DANCE.

The valentine tree is a pretty novelty. Use a good sized tree, and wind the trunk and branches, wherever possible, with wide satin ribbons. Tie a large bow at the end of each branch and use tiny showers of red ribbon, to which attach carnation and rose bud hearts and valentines. Continue this to the upper branches, using red candles with heart shades. The ring shaped heart made of rose buds, with long ribbon attached, to slip over the arm is convenient when dancing, and makes a pretty favor. Large hearts made of roses and maiden hair with wide red ribbon make the wall effective. From each end of the room cornerwise extend wide ribbons, which are gathered in the center under the chandelier where a shower of carnations arranged in a parasol fashion is so placed that when the favors are desired, the parasol is tipped to drop the carnation favors.

A. E. K.



ST VALENTINE'S DAY BOUQUET BY CHARLES THORLEY, NEW YORK.
Lily of the Valley, Mignonette and Violets, Tied With Nile Green Chiffon and Baby Ribbon.

THE ROSE.

Roses in the South.

It is necessary at this time to study your plants carefully. The varieties that break quickly after cutting will require light and frequent doses of fertilizers. A change of fertilizers is also needed. Alternate with sheep manure, dried blood, liquid manure and wood ashes. A little nitrate of soda may be added to the liquid manure, say a three-inch pot full to forty gallons of water, but I would not advise putting this mixture on pink roses else the color is liable to suffer. Those varieties like Kaiserin and My Maryland that are slow in the short days should have no feed and just enough water to keep them from going to rest entirely.

My Maryland in the middle section of the South has shown decisively that it is only a fall, spring and summer bloomer. Last month it made an enormous crop, but with the exception of a few stray ground shoots it has shown no signs of breaking. In the extreme South it does much better and will stand about as much fertilizer as any other variety.

January and February are the best months to propagate young plants, although in March good success can be had. See that the propagating table is thoroughly cleaned and whitewashed before filling in the sand. After being hammered down with a brick, there should be at least four inches of sand on the table. For the pure tea varieties and Richmond it is not necessary to have bottom heat as they root very readily without it. The hybrid teas

and American Beauty are harder to handle and require bottom heat to get best results. A two-eyed cutting from the flowering wood is a fine foundation for a good plant, but such cuttings are hard to get without sacrificing the flowers. Cuttings, taken with a heel, from the selected bush, little better than half ripe, are the more generally used and make strong, thrifty plants in a short time. The cuttings need a good protection from the sun's rays while rooting. A muslin shade on rollers is the best thing to use. A light spraying with a fine hose every bright morning and also at noon on very warm days keeps the foliage and wood fresh and plump. Water in thoroughly at first and then only as needed to keep the sand nicely moist. From twenty to thirty days is the time required to root them and for the last week water may be given a little more sparingly. It is hardly necessary to say that absolute cleanliness must prevail in the propagating house.

WM. LEAR.

Rose Propagating.

Too much care cannot be taken from start to finish when propagating any kind of wood, and with the rose it might truly be called a science to turn out a perfect lot of stock for benching in early summer. Every detail must be carefully looked after, giving the proper attention to each. It is not a difficult matter to root the cuttings—the principal thing is to select the proper wood and to have it root in the proper temperature, the next important step being to pot off the cuttings at the right time. To begin with, the cutting bench should be overhauled and repaired; the benches should be washed thoroughly, and the house cleaned up "spick and span." If there is no way to temper the water, a good plan would be to sink two barrels in a convenient place near the faucet. They can be kept filled and the water will soon come up to the temperature of the house.

The best medium to root the cuttings in is a rather coarse grade of sand—bank sand is to be preferred, as it is quarried and seldom contains any vegetable matter. If it is screened the same as for ordinary masonry work it will be fine enough. About three inches of sand is deep enough to root the cuttings and it should be firmly packed, given a good soaking and packed again; in fact, much depends on the firmness of the sand and it cannot be packed too hard. Keep the surface of the sand perfectly level, and have bottom heat enough to bring the temperature of the sand up to 70°. The overhead temperature, or the temperature of the house proper, should be from 58° to 60°, or about the temperature of the rose houses at night.

When selecting the wood the strong blind wood can be used, wood that has just reached a ripened stage; it can be still a little soft at the tips, showing a little of the reddish color that disappears just as it ripens. Make heel cuttings of two or more eyes; the cuttings, if in the proper stage of growth, can be made up three or four inches in length, with from two to three eyes, and the foliage needs no trimming scarcely if one has plenty of room in the propagating house, and it is important to allow the cuttings a certain amount of room to lessen their chances of an attack of fungus.

Do not select any but the healthiest wood; remember you will reproduce just what you take off in the way of diseased wood, only the trouble will be exaggerated from year to year. Avoid twiggy wood, wood carrying mildewed foliage or red spider, for to use either will be a waste of time, and one had better buy their stock, either grafted or on own roots, from a reliable source, than to do the propagating in a slipshod manner. Do not take off much wood at a time, just enough to work off before it has a chance to become wilted. Select a cool, shaded place where there is no draught, and place the wood on some clean paper, sprinkle thoroughly, then trim up the cuttings with a very sharp knife, removing only the foliage that prevents their going deep enough in the sand. The cuttings should go from an inch to two inches in the sand, according to their length, the average cuttings will take about $3\frac{1}{2}$ inches between the rows, and should be placed about an inch and a quarter to an inch and a half apart in the rows. Use a stick that will fit neatly across the bench, 3 inches wide and three-fourths of an inch thick, an old table knife is a good thing to open up the row, using it as one would a saw instead of pulling it through the sand, for the latter way disturbs the sand too much. Do not open up the sand deeper than you wish to insert the cutting, and press the sand with the tips of the fingers firmly on each side of the rows. After placing several hundred in the sand, give the sand a soaking and mark where the watering was left off.

The propagating house must be kept shaded, and the best plan we have yet tried is to have screens made of cheap cotton cloth. These screens can be made wide enough to protect the cuttings, and six to eight feet long, and should be supported a foot to 18 inches above the plants. They can be arranged so as to lift quickly at the front, so the cuttings can be sprayed or watered, and can be removed after the cuttings begin to root, early in the morning and then in the middle of the afternoon, making it possible to harden up the cuttings (another important detail), whereas with a shaded roof the shading cannot be removed. Spray the cuttings daily during all clear weather, and do not let the sand become dry at any stage of their rooting period. When they begin to root, the watering can be slowed up somewhat, as the sand then needs only be a little damp, as within two or three days after root action starts they should be potted, the roots need not be longer than half an inch, when potting, for at this stage less roots will be broken and the roots will develop in the soil instead of the sand. If fungus should make its appearance in the bed, remove all the plants affected and reduce the water supply; this will not occur if a little air is allowed to circulate at all times, and a little lime is kept in the water barrels. If watering from a faucet, drop a lump the size of one's thumb in the watering pot; it may discolor the foliage a trifle but will do more good than harm; otherwise avoid draughts, keep the doors closed and the heat confined under the sand by the use of curtains. There should be a separate coil of pipes arranged to keep the house at the proper temperature, regardless of the coil used to bring the sand up to the best rooting

temperature. American Beauties will root readily providing real hard wood is not used or wood that is too soft, wood of medium ripeness being preferred. There are usually a number of canes on the Beauties remaining blind that can be used for propagating, and if the eyes found through the central portion of these canes are used, they will be found to root evenly; too near the butt they will drop their foliage, the tips for a foot or so back will be too soft, unless as is sometimes the case the growth has been checked, ripening the canes their full length. Give the Beauty cuttings all the room possible in the sand, at least do not let the foliage from one row overlap the one next to it. If, after the holidays, one's plants are cut back hard, it would be taking a great risk to rob the plants of any growth whatever for cuttings; better wait till they get to going good again, as there is yet plenty of time to get up a good stock of plants.

The plants should not be crowded after heavy cutting in midwinter; do not allow the temperature to exceed 58° at night and even on nights that are quite cold, a little air can be allowed to circulate. Now is the time when the stock will go back rapidly if not given every care. Avoid excessive feeding and overwater-

ing. If one has a house off color as to foliage, the foliage showing the effects of over-watering or feeding, keep the water off, reduce the temperature, and give plenty of air until they show unmistakable signs of healthy growth; many a discouraging looking lot of plants can be brought around with patience and a little extra care. Get out of the rose growing business, unless you have the time, the patience, and a love for the work; otherwise the results will be 0. E.

The Best Lily of the Valley.

ED. AMERICAN FLORIST:

We wish you would kindly advise us what lily of the valley pips are best for forcing, Holland, Belgian or German and why? Please state also length of time each kind requires for forcing.

ENQUIRER.

I have had but little experience in the forcing of Holland and Belgian lily of the valley, therefore I cannot recommend either. This leaves the German pips, which I find most satisfactory for my trade. From cold storage it requires from three to four weeks to mature.

J. T. BUTTERWORTH.

German lily of the valley is the best for forcing. New importations require about 24 days at 70° to 75° degrees.



HOUSE OF HYDRANGEAS AT ESTABLISHMENT OF J. W. DUDLEY & SON, PARKERSBURG, W. VA.

ing after heavy cutting, spray thoroughly when you do do it, and only on the brightest of days; do not forget to have the temperature at least 70° when starting to syringe. One cannot help being caught now and then with a wet house, by a bright day doing the reverse act; then it will do no great amount of harm if the fires are kept going and considerable air kept on throughout the day. If they are still wet when night comes, the houses should be run about two or three degrees warmer, with air circu-

later in the season they come quicker, about 21 days. German pips seem to be better matured on account of climatic and soil conditions. For very early forcing I prefer those from light sandy soil, for storage and later forcing those from heavier soil. B.

I force nothing but the German lily of the valley, either Hamburg or Berlin pips. The Berlin pips are used for early forcing while the Hamburg pips are preferred for late bloom. The pips in January and February, of the new

crop, usually take from 25 to 30 days. After that time they will bloom in about three weeks as the pips have been well frozen and had more of a rest and force much better as well as more quickly. JOHN MCFARLAND.

I regret I am not in a position to give the necessary information regarding the best lily of the valley for forcing for I have never had any Belgium lily of the valley and the only Holland lily of the valley I have tried, was not of sufficiently good quality to give it a fair test, and I have always used German lily of the valley. The time it requires to force German lily of the valley varies at different seasons of the year. When first secured it requires nearly four weeks to force it; whereas after it has been in cold storage six months it takes from 18 to 21 days, and after it has been in nearly a year, it forces in 14 to 16 days. I do not see why the Holland or Belgium grown lily of the valley should not be just as good as the German, if it has had the same age and good culture.

WALTER P. STOKES.

We find the German the best lily of the valley for forcing; in fact, at the present time we have nothing else. We have never grown the Belgian, but Holland pips we have tried a number of times and consider them unfit for forcing. In our opinion they are good only for outdoor planting. In some cases this lack of forcing qualities may be due to the variety, but mostly we believe it may be attributed to the Holland soil and climate, because a number of the Holland growers have advised us that it was grown from stock imported from Germany. As to the length of time it takes the pips to come into bloom, this varies from three to four weeks, according to the season, and also to the temperature of the house, which in the winter, when we have fire heat we can regulate, but in the extremely hot summer weather we cannot control the temperature.

A. N. PIERSON.

Bulbs for Christmas.

ED. AMERICAN FLORIST:

Can you inform us what bulbs we can have in bloom for Christmas? Are there any red tulips or Dutch hyacinths that can be brought in to bloom by that time? Will Orange phoenix grow in water and will it bloom by the holidays? H. G.

Paper White narcissus and Roman hyacinths are the bulbs most readily forced for Christmas. Duc von Thol tulips can also be brought into bloom by that time. The bulbs should be procured as early as possible and immediately potted and buried in order to induce root action. If sufficiently rooted they can be brought into the heat five weeks before Christmas and grown warm and in a shady location but under the best possible treatment the stems will be very short. The early varieties of Dutch hyacinths can also be bloomed by Christmas in the same manner, but they are also very apt to be disappointing. Orange phoenix can be grown in water in the same way as the other polyanthus narcissus but probably cannot be brought into bloom by Christmas in this manner. They are easily brought in by the holidays if grown in soil and in the same manner as Paper White narcissus if the bulbs are procured early enough.



GENISTA FRAGRANS IN 9-INCH POT FOR EASTER.

Genistas for Easter.

If the directions previously given have been carried out, no further pinching will be needed and the late plants can go straight away for flowering. The roots will have taken a good hold of the new soil and a little feeding may be given, increasing this by degrees until the flowers show color. Standard plants like that shown in the accompanying illustration are best for not being trimmed or clipped in too closely; the plants are more graceful when allowed to make a more or less natural growth which would be out of place in the ordinary bush shaped plant as grown for market. Anyone desiring to grow such plants should select young specimens with as straight shoots as possible and run them straight up to the desired height when they may be stopped and a head gradually formed by stopping the side shoots as they appear. It will take at least two seasons' growth to get well furnished specimens from the time the young plants are selected for the purpose and each year, of course, they will improve. Summer is the time for growth and as soon as the flowers are past the shears may be used to clip them into shape. Then

let them grow naturally, only stopping any shoots that seem to be taking an undue lead at the risk of spoiling the symmetry of the plant. The genista is a stronger feeder than the majority of hardwooded plants and to get the best results must never be allowed to suffer for want of manual sustenance. Guano, changed occasionally to soot water, is good feed for the plants, but practically any good fertilizer, properly used, will be suitable. It is a good, clean growing plant, not especially subject to insect pests, and its culture will well repay anyone who takes it up intelligently.

KOKOMO, IND.—W. W. Coles has gone to Houston, Texas, to put into shape his recent purchase of land there for orange grove purposes.

MANSFIELD, O.—The Berno Floral Co. will open a floral shop on South Park street. It is intended to have a big opening March 6, with a fine display of flowers.

LAREDO, TEX.—Miss Bettie F. Atlee has started a general florist business with cut flowers and plants and contemplates building a new greenhouse this year. The present winter is the first for four years that there has been either ice or frost.



MEMBERS OF THE TENNESSEE HORTICULTURAL SOCIETY AND STATE NURSERYMEN'S ASSOCIATION AT NASHVILLE, TENN.

Illinois State Florists' Association.

The sixth annual meeting of the Illinois State Florists' Association will be held at Champaign, Ill., commencing February 8 and ending February 10 at noon. Wednesday and Thursday, February 8 and 9, are the two main days. The banquet takes place on the evening of February 8. Among the addresses to be given will be one by J. C. Vaughan entitled "Live Issues for the Florist." Another address will be given by E. G. Hill on "Some of the New Things." Mr. Hill's opinion of the new plants which are being offered for sale to the florists this year should be worth the price of a trip to Champaign alone. H. B. Dorner will give a talk on the work done at the Experiment Station. This work at the Experiment Station has now reached its second year on carnations and consists of the same number of carnation plants being grown in small sections in the benches. These sections or controls are fed with commercial fertilizers, and compared with the same number of plants fed with the usual manure which the average grower would use, such as cattle manure, sheep manure, etc. The idea is to determine the best method of growing carnations in a commercial manner, whether by the use of the regular commercial fertilizer or by the use of the ordinary manures, to see which will produce the best results. Mr. Dorner having kept a record of the number of flowers cut from each little section. The growing of carnations in the most profitable manner is a vital point of interest to each florist. Also the point to decide whether the grafted rose plants or own root rose plants are the best. As both grafted and own root roses are grown in an experimental way so as to compare one with the other. Both of these are interesting points to every grower, and the trip should be made to investigate and hear the results of the experiments.

The Illinois State Florists' Association has joined with other commercial bodies in this state and secured an order from the Board of Railway and Warehouse Commissioners to reduce the express rates in this state 20 per cent. The express companies have got out an injunction against the Board,



C. L. Washburn.

President Illinois State Florists' Association.

claiming that it has no jurisdiction in this matter, but this will soon be decided. Other matters which the society have carried out will be reported on by the various committees. There will be an exhibition of various new varieties in roses and carnations which are being offered to the public this season. The E. G. Hill Co. has promised to show their new pink rose, Rose Queen, and also the new yellow rose, Mrs. Aaron Ward. This latter rose has been quite freely distributed in the east and has proven an exceptionally pretty rose. It seems to be a very free bloomer and the public has taken to it in good shape. The Hill Co. will also show some of their new varieties in carnations. The Chicago Carnation Co. has promised to exhibit all of their new varieties and a number of other growers have promised to bring in their new things. Baur & Smith, Indianapolis, Ind., will exhibit Pocahontas, their new carnation.

The banquet promises to be a very pleasant affair. Phil Foley has promised to be there with a brand new

stock of stories and this meeting will be a good opportunity for all of the members to become acquainted with each other, making new friends. All are invited to come, whether they are members or not. It only costs \$1.00 per year to become a member or \$10.00 to become a life member. The work which the association is doing is well worth the small expense of the dues and has been carried on without pay by the officers, most of the work having been performed by the secretary, J. F. Ammann.

At Nashville.

The trade has been rather quiet for a week or more. In fact it has been more or less dull ever since the holidays. The rose crop is off just at present but have been in great abundance. Geny Bros. had so many fine Killarney roses that for a time they were shipping to points further south. Carnations are fine and coming in abundantly. The weather has been so fine that some violets are blooming without any protection whatever. There has been a good sale on pot plants with an excellent variety from which to choose, azaleas, primulas, all kinds of bulbous flowers and ferns in endless variety.

The Tennessee State Horticultural Society and the State Nurserymen's Association, two organizations of allied interests, have just concluded the best and largest meeting in their history, at Carnegie Library, the Horticultural Society meeting one day and the Nurserymen's Association the day following. After an address of welcome by Mayor Howse, papers were read and discussed that were of general interest to fruit growers and an able and interesting paper on "Ornamental Trees and Shrubs" was read by Tom Joy of this city. Percy Brown of Spring Hill was elected president and the following vice-presidents were elected: for the state at large, Robert Morris, Nashville; W. M. Wood, of Bristol, for East Tennessee; Prof. John Daniel, of Nashville, for Middle Tennessee; Prof. W. H. Rochell, of Jackson, for West Tennessee. Prof. C. A. Keffer, of The University of Tennessee, Knoxville, was re-elected secretary and treasurer. The Horticultural Society closed its deliberations Thursday evening to meet Friday morning as the State Nurserymen's Association, the membership for the most part being identical, the two organizations working together. The address of

Prof. H. A. Morgan, of the University of Tennessee, "Science in Agriculture and Horticulture," was very interesting and instructive. Percy Brown in an address on "Cooperation and Organization" advised the stimulation of a "get-together" movement on the part of all state organizations interested in biological lines, that the federal and state organizations may have money enough to accomplish things and numbers enough to carry weight when legislation is wanted along these lines. The discussions on the problem of unskilled labor in the nursery business and cold storage of nursery stock was participated in by Robert Chase of Huntsville, Ala., W. P. Stark, of Louisiana, Mo., and S. W. Crowell of Roseacre, Mass. Other important and interesting matters were discussed, making the meeting one of the most instructive the organization has ever had. A. J. Fletcher, of Cleveland, was elected president of the Nurserymen's Association; vice-presidents as follows: At large, Henry M. Camp, Jr., of West Tennessee; J. H. Boyd, Memphis; Middle Tennessee, Charles R. Givens, Murfreesboro; East Tennessee, A. I. Smith, Knoxville; secretary and treasurer, Prof. G. M. Bentley, Knoxville. A smoker was enjoyed by the horticulturists, the nurserymen and their friends at the conclusion of the sessions. A quantity of fine apples that had been on display were distributed.

European Horticulture.

Authors' Flowers.—Keats and Shelley and Wordsworth had each a golden word for every flower they knew. The daisy belonged to them and to Burns; and to Sir Walter Scott the bracken, the harebell and the heather were a part of the "cellar air" of Scotland. Edward Fitzgerald was passionately fond of nasturtiums. Ruskin loved lilies, and great Florentine iris, and vine leaves, but his was a taste so catholic as to include the little prunella, which he called a "brownie flower." Hunted from lawns, crowded away into waste places, and forced to find foothold by dusty waysides and ditches, it is curious that this little blossom should have been praised by men so different, temperamentally, as Ruskin, Thoreau, and Emerson. Like Thoreau, Tennyson loved blue flowers. The Brownings, the Rossetts, Swinburne, Morris, Austen, were all garden lovers. Longfellow and Whittier were lovers of the New England flora, and Lowell was at his best when he wrote of the dandelion. Bryant was the gentleman's friend, and Hawthorne that of the arethusa. Dr. Holmes chanted the praise of box, and next after this cared for the little grape hyacinths or "blue bottles" that lurk about in gardens made in colonial days. SARAH ANDREW SHARP in *A White Paper Garden*.

Felling Trees by Wire.—A German inventor has discovered the way to fell trees by incandescent wires. His invention consists of an ordinary steel wire one millimetre in diameter, with a small attachment worked by a motor. The wire saws rapidly and evenly through the tree trunk, being heated to the burning point by the friction. During the first trial of the wire-cutter a tree 40 inches thick was cut through in less than six minutes. One of the advantages of this machine is that it cuts a tree close to the ground, or in the ground, through the roots. It produces steam instead of sawdust, and leaves a clean, smooth cut covered by a layer of charred wood so extremely thin as to show through it the recorded age of the tree.—*Journal of Horticulture*.

A Notable Witch Hazel.—No collection of hardy shrubs is at all representative without the witch hazels, and of them *Hamamelis mollis* is certainly the most decorative. It is now flowering freely in some gardens, and its curious yellow flowers, with twisted

petals, arranged upon leafless and drying-looking twigs, are sure to attract attention. Indeed, any plant having the courage to flower in the dead of winter naturally receives more than usual notice owing to its precocious nature. Witch hazels have long been cultivated in our gardens, and probably the best known are *H. japonica* and *H. virginiana*. They may be of the former known as *arborea* or *Hamamelis mollis*, a native of China, is of the more recent introduction than the others mentioned; resembles mostly the variety *arborea* when in flower, but is quite distinct from all others in its soft felt-like foliage. All of them seem to thrive quite well in ordinary garden soil, although preference is shown for that of a sandy nature, and a sunny position. There is one unfortunate mistake sometimes made in planting these shrubs, and that is in not choosing a suitable background to show off the flowers to the best advantage. The writer has seen cases where *Hamamelis* has been planted as a solitary specimen in the open on a lawn, where the flowers have not shown well owing to the lack of contrast. An ideal position is in front of some dark evergreen subjects.—*The Garden*.

Dahlias for Decorative Cut Flowers.

As an interested member of the New England Dahlia Society, I should like to make an appeal to the authorities in behalf of the dahlia as a decorative cut flower. I raise a few Cactus varieties, and recognize the difficulty of keeping long-stemmed specimens fresh enough for exhibition; but I also know that it can be done with some varieties. The flower is too beautiful on a long stem with its own leaves and possibly a bud, to have its head nipped ruthlessly off on a stubby short stem, and plumped in a bowl, as it is at exhibitions. Some will say that many of the most beautiful flowers do not have a good stem. Then I say do not grow that particular variety, but give its place to another just as beautiful with a stem. Why should that not be one of the conditions of a perfect flower? Certainly it is a beauty of form. If picked at night and plunged into cold water, care being taken not to wet the flowers, a good many of the best varieties are in condition to be handled and arranged very effectively in vases in the morning, and will keep nearly a week in the own garden. I have seen many of the best varieties very small, but always I had splendid specimens in the house.

The ones that proved the best, in my collection, for beauty of form, size, length of stem and ability to hold their heads up instead of drooping were: C. E. Wilkins, Mauve Queen, W. T. Rodgers, Mrs. W. H. Raby, William Marshall, Etruria, Lusitania, Imperial, Victorian, Kathleen Bryant, Mrs. George Stevenson, and Rev. Arthur Eridge. Surely people who grow a great many plants could add many more to the list that could be used to advantage as cut flowers as well as for exhibition. The dahlia will surely be more popular as soon as people find out how attractive it can be when not deprived of half its charm. I hope to see a class next year for dahlias on their own stems, with foliage, each vase to contain two specimens of the same variety. There are many reasons why it is desirable that the value of the dahlia as a cut flower should be demonstrated at exhibitions besides the one already stated. Nine people out of every ten who visit exhibitions probably do not know, cannot know, the habits of every flower shown. Imagine, then, the disappointment of the average person buying an expensive bulb of a variety seen at an exhibition, nursing it all summer, only to find when it finally blooms in the fall, that although the flower is very beautiful, it has a stem not more than

three inches long in the midst of foliage, and the branch it is growing on, just below the point, is at least an inch thick; besides this, the flower persists in doubling over. Or, again, it may have a good stem on the bush, but with all the care in the world you cannot make it stand up; unless it is plunged way to the flower in water, it will wilt and droop.

That is the kind of variety that would better be eliminated from catalogues, and I believe our best growers would rather grow fewer varieties and have those of the best, if they could; but they dare not risk displeasing a customer by not filling his order as placed; and not many customers are willing to have something substituted for what they order. They want what they want; but, in my opinion, it is the business of the exhibition to make them want right. But, most of all, do we, who love the dahlia, owe it to the flower itself that it shall be shown in all its beauty in the most artistic form possible.—M. M. H. in *Dahlia News*.

Glen Cove, N. Y.

The fifth annual dinner of the Nassau County Horticultural Society was held January 25, and was one of the most pleasing affairs the society ever had. The dinner was participated in by almost 70 members and their friends and when the cigars and coffee were reached President S. J. Trepass, in a brief speech, presented the retiring president, J. Duthie, with a piece of jewelry in behalf of the society. After gracefully accepting the gift, Mr. Duthie, in accordance with the promise made last year, presented the president, Mr. Trepass, with a ten-dollar gold piece for having won the most first prizes during the year, the second prize will be mailed to Mr. Wilson, he not being present. President Trepass, after acknowledging the gift of the gold, introduced the toastmaster of the evening, J. Austin Shaw, who made an efficient toastmaster, keeping the guests well entertained until time to run for the last train, with his poetry and by the choice of subjects for the different speakers upon whom he called.

The Rev. John Gammack spoke on the relationship between religion and gardening; R. Angus for the Tarrytown Horticultural Society; W. H. Waite for Yonkers Horticultural Society; W. Duckham for Morris County Gardeners' and Florists' Society; H. A. Bunyard for the S. A. F.; Chas. H. Totty for the Queen of Autumn. Mr. Totty immediately offered to the society for their next show, gold and silver medals for the best six sprays of the chrysanthemum Jack Everitt, Arnold Coolyear for the nurserymen; Mr. Bowne for the local club; Geo. Burnett for the bald-heads in horticulture; S. S. Butterfield for the trade press; W. E. Maynard for the horticultural press; W. Spelling for the seedsmen; Chas. Lenker for the common people; Mr. Davis for the local press. Interspersed among the oratorical efforts were songs by W. Rickards and Andrew Wilson; German and Scotch imitations by R. Schultz; an amusing monologue by W. Kinnear and skirling martial music on the bag-pipes by James Tough. Among those present from a distance were G. Burnett, R. Schultz, Chas. H. Totty, W. Duckham, A. Wilson, J. A. Shaw, W. E. Maynard, H. A. Bunyard, J. Ebel, J. Machiff, R. Angus, W. J. Waite, W. Spelling, W. Rickards, and THE AMERICAN FLORIST representative.

BROCKPORT, N. Y.—Mrs. H. Belden was compelled to give up her greenhouse business last year on account of illness and as she was the only one here there is now an opening for a florist at this point.

THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
324 Dearborn St., CHICAGO.

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RENEW subscriptions promptly so that no copies of the papers may be missed.

We are in receipt of advance sheets of the cut flower sections of the National Flower Show schedule, which indicates that it will be ready for general distribution very shortly. For copies of the premium list address John K. L. M. Farquhar, Secretary National Flower Show Committee, 6 South Market Street, Boston, Mass.

PRESIDENT ARMUS, who recently attended the meeting of the National Flower Show committee at Boston, says plans for the big exhibition are progressing very favorably and that all indications point to the greatest horticultural display ever made in this country, with a record-breaking attendance.

Illinois State Florists' Association.

There will be a two days' exhibition held in connection with the meeting of the Illinois State Florists' Association at Champaign, February 8-10. All are invited to send flowers for this exhibition. Competent judges will be in charge. Anything new in roses or carnations, scoring 85 points or better, is entitled to the society's certificate. All flowers should be shipped to arrive not later than the morning of February 8, in care of B. Franks, Champaign, Ill. J. F. AMMANN, Sec'y.

Ladies' Society of American Florists.

The following committees have been appointed to act for the Ladies' Society of American Florists at the National Flower Show:

Prize committee.—Mrs. Chas. H. Maynard, Mrs. J. A. Peterson, Mrs. I. L. Powell, Mrs. R. Wittman.

Theater committee.—Mrs. W. H. Elliott, Mrs. W. J. Stewart, Mrs. Peter Fisher, Mrs. B. Hammond Tracy.

Reception committee.—Mrs. Albert M. Herr, Mrs. Julius Roehrs, Jr., Mrs. Chas. H. Totty, Mrs. J. C. Vaughan.

MRS. CHAS. H. MAYNARD, Sec'y.

Society of Horticultural Science.

The seventh annual meeting of the Society of Horticultural Science will be held at Tampa Bay Hotel, Tampa, Florida, February 9, 1911. Among the papers which will be read on different topics by eminent authorities the following are particularly interesting: "Factors which determine color in the forcing of roses," by M. A. Blake, New Brunswick, N. J.; "Pollen physiology," by J. B. S. Norton, College Park, Md.; "The rest period of plants," by W. L. Howard, Columbia, Mo.; "A mechanical and rapid scheme for the grouping and tracing of varieties," by R. S. Mackintosh, State College, Pa.

Massachusetts Agricultural College.

The special lectures before the short course in floriculture during the past two weeks have been especially interesting and inspiring. Friday, January 13, J. Otto Thilow spoke on "Active Floriculture stimulated by the Amateur." Mr. Thilow also gave a thorough description of the greenhouse ranges on the H. A. Dreer property near Riverton, N. J. He was enthusiastically received by the students and his talk was full of valuable suggestions. January 20, C. F. Boyle, who has charge of Galvin's Boylston street store, gave a lecture demonstration on design making. He spoke of the present demand for designs, especially galax wreaths and gave a demonstration of the manufacture of these wreaths with their various decorations, sprays, pillows, crosses and bridal bouquets. During the week the floricultural students were at work on various designs and there was a public exhibition of their work Saturday, January 28. Each student in the course made a galax wreath and decorated the same with roses, carnations, violets or other flowers. They also made one fraternal design or pillow. The short course men had table decorations in addition to this design work, and these were on exhibition at the same time. W. H. Elliott of Brighton spoke on roses January 27 and Eber Holmes of Montrose spoke on the same subject February 3.

Sterilizing Greenhouse Soil.

With the rapid growth of the larger cities and the opening up of suburban property, the land in the vicinity of many greenhouse proprietors has been rapidly bought up, divided into lots, and residences erected, and while this may be of advantage to them while in progress and streets are being cut through it is but a short time when the obtaining of new soil becomes a most serious problem. It then becomes necessary to make long hauls from farther back in the country, either by load or the shipping in by railroad, from miles distant. There is no question that, under modern methods of cultivation, new soil is an absolute necessity, but the old soil gathers in immense piles and must be disposed of and new soil obtained, which is an expense. The soil itself is but the storehouse from which the plants extract the ingredients necessary for their growth, and these can all be replenished, but one of the great drawbacks of old soil is that it has become full of vermin, fungous spores and bacteria. With the difficulty of getting new soil to replenish the greenhouses growing more year by year, it will be necessary to find some manner by which the old soil can be treated to make it as good as new. The only practical arrangement known that will thoroughly kill all animal life and fungous growths is by sterilization, and after this has been done, the necessary ingredients for plant life may be added and the soil replenished. The 20th Century Sterilizing Furnace placed upon the market by F. W. Walker of Louisville, Ky., has reduced to a minimum the cost of sterilizing soil for all purposes. It is portable and can be easily carried from place to place, handy to manipulate, and all the soil is thoroughly heated without having to stir or rehandle. It has good capacity, one furnace practically sterilizing 16 2/3 cubic yards per day. It has given good satisfaction and thoroughly done the work for which it is intended.

Concrete Construction.

ED. AMERICAN FLORIST:

Can you give me the address of any person who has successfully constructed benches of concrete and the method of constructing the same? Are there any objections to concrete benches or walls? Where iron bars are used could not the outside walls be made of cement blocks, the bars laid on top and filled in with slush concrete and the plate dispensed with? In a row of low, separate houses could not the gutter be moulded on the dividing wall?

J. N.
Concrete benches are successfully constructed by many greenhouse proprietors and in an article upon this subject in THE AMERICAN FLORIST, issue of April 17, 1909, p. 587, which was accompanied with detailed illustrations, Elmer D. Smith, of Adrian, Mich., fully explains such construction. No serious objections have ever been made to concrete construction in greenhouse work. It will be impossible to dispense entirely with the plate for it will be necessary to have wood on which to bed the lower lights of glass. It is a question whether a gutter could be satisfactorily constructed of concrete. It would have to be strongly reinforced and would be very bulky and heavy, and with the necessary strip of wood onto which the lower end of the sash bars would be fastened, very little would be gained in indestructibility.
W.

Meetings Next Week.

Buffalo, N. Y., February 7, 8 p. m.—Buffalo Florists' Club, 185 E. 11th street.
 Butte, Mont., February 10.—Montana Florists' Club, Columbia Gardens.
 Chicago, February 8.—Gardeners' and Florists' Union No. 10615, 10 and 12 Clark street.
 Danversport, Ia., February 9.—Tri-City Florists' Club, home of Harry Bills.
 Dayton, O., February 6, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.
 Detroit, Mich., February 6, 8 p. m.—Detroit Florists' Club, Cowie building, 42-44 Gratiot avenue.
 Grand Rapids, Mich., February 6.—Grand Rapids Florists' Club, office of member.
 Hartford, Conn., February 10, 8 p. m.—Connecticut Horticultural Society, County building.
 Louisville, Ky., February 7, 8 p. m.—Kentucky Society of Florists, Third and Broadway.
 Madison, N. J., February 8, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic hall.
 Montreal, Que., February 6, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west.
 New London, Conn., February 8.—New London County Horticultural Society, Elks' hall.
 New York, February 8, 4 p. m.—Horticultural Society of New York, American Museum of Natural History.
 Omaha, Neb., February 9, 8 p. m.—Omaha Florists' Club, City hall.
 Philadelphia, Pa., February 7, 8 p. m.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce.
 Pittsburgh, Pa., February 7, 8 p. m.—Florists' and Gardeners' Club of Pittsburgh, Port Pitt hotel, 101 street and Penn avenue.
 Salt Lake City, Utah, February 7.—Salt Lake Florists' Club, Hildart Floral Co., 113 East Second South street.
 Seattle, Wash., January 7.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.
 St. Paul, Minn., February 7, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue north.
 St. Louis, Mo., February 9, 2 p. m.—St. Louis Florists' Club, Odd Fellows' building, Ninth and Olive streets.
 Toledo, O., February 8.—Toledo Florists' Club, Washington, D. C., February 7, 8 p. m.—Florists' Club of Washington, 1214 F street, N. W.
 Winnipeg, Man., February 8.—Winnipeg Florists' Association.

Oak, Come Off.

"Jack, dear, when you are gone I shall pine away."
 "Don't pine away; spruce up!"—Boston Transcript.

Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.
 For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

Situation Wanted—As foreman; all around florist, where Am. Beauties are a specialty preferred. Key 376, care American Florist.

Situation Wanted—By first class decorator and storeman; ten years in last position; references. Address Key 352, care American Florist.

Situation Wanted—By single man, 24, in carnation section or where a general line of stock is grown; 7 years' experience. Key 385, care American Florist.

Situation Wanted—By seedsmen and plantsmen as seedsmen; 10 years' English experience four years' American; good address; state wages offered. Key 373, care American Florist.

Situation Wanted—First class storeman and decorator wants position in good store, preferably in New York; eight years' reference from last employer. Address Key 383, care American Florist.

Situation Wanted—Practical gardener with experience in vegetables, flowers, fruit, grapes stock, fowls, has good recommendations, wishes position; married. Address Box 542, Whiting, Ind.

Situation Wanted—As foreman or manager in up-to-date commercial place, wholesale or retail, by competent grower of first class stock; life experience; middle aged, married. J. H., 712 Greendale St., Meadville, Pa.

Situation Wanted—Bulb grower and salesman, employed 11 years' experience in traveling (U. S., England, Germany, Sweden, etc.), wishes to secure another situation as buyer or salesman; excellent references. Address Key 377, care American Florist.

Situation Wanted—Specialties and supplies. Young man with twenty years' German and American experience in commercial floriculture, landscape gardening, fruit and vegetable culture, seeks engagement as agent or representative with reputable house, under salary, commission, or both, for Missouri. HENRY ROHRBACH, 3227 Washington Ave., St. Louis, Mo.

Situation Wanted—By nurseryman from Scotland, married, with 30 years' experience in Scotch nursery; well up in bedding and grating, and with thorough knowledge of the propagation of fruit, forest and ornamental trees, shrubs, conifers and roses; good correspondent and salesman, and accustomed to superintend landscape work. Address JAMES W. LAIRD, Proctorville, O.

Help Wanted—Good general man for store. Address Key 394, care American Florist.

Help Wanted—Man to do the work in small city park; one who can do some ornamental bedding; will pay \$60 per month for 10 months. Address PARK BOARD, Garden City, Kansas.

Help Wanted—All around young man with some experience in greenhouse and hotbeds; must be willing to do anything and a truck driver; state wages with board and lodging in first letter. WILLIAM HILD, Milesville, S. Dakota.

Help Wanted—At once experienced grower of all lines of commercial greenhouse stocks, bedding plants and vegetables; wages \$60 per month, increased to \$75 next fall when will be expected to take charge of small up-to-date plant.

SASATCHWAN GREENHOUSE, Prince Albert, Saskatchewan, Canada.

Partner Wanted—\$1000 will buy half interest in paying, old established seed business, well located in large growing, active city, center of many suburbs, and contiguous to large farming area. Active associate desired to cooperate in extending the business. Address HARRIS-DIBBLE COMPANY, 71 West 23rd Street, New York City.

For Sale—Small but good florist business; 1,500 feet of glass; cottage; 50 ft. length of hot beds; in fast growing town in Oklahoma; no competition; \$1,200 if taken at once. Key 369, care American Florist.

For Sale—At great sacrifice; three-fourth acres, six-room house, cellar, cistern, pressure water, chicken house stable, greenhouse, 1000 ft. glass; no stock; hot water heat; good market; no competition within 70 miles; splendid chance for young man; must be sold; make offer. Address JOHN L. BRADY, Medicine Lodge, Kansas.

For Sale—Greenhouse property; wishing to change climate on account of rheumatism. I offer for sale my business consisting of about 12,000 sq. ft. of glass, four greenhouses, seven acres, two city blocks of land, good 5 room dwelling, heated by steam from greenhouse boiler, barn, artesian well; place in good repair; located at St. Peter, Minn., a city of 5000; no opposition; good soil; write to ST. PETER GREENHOUSES, St. Peter, Minn.

WANTED

A partner to take a half interest in a prosperous retail flower store in the business district of Chicago, or would sell the entire business. If the right party is looking for a good thing and means business, address

Key 374, care American Florist.

WANTED

An A No. 1 florist to take charge of large greenhouse. Must be competent; permanent position; single man preferred.

Also two assistant vegetable gardeners, write

C. F. APPELEGATE,

Mt. Pleasant State Hospital, Mt. Pleasant, Ia.

Store Manager Wanted
With \$5,000 Capital

Must be capable of conducting a large store business established many years in a prosperous city in the middle west. Applicant must be competent also to market advantageously the considerable greenhouse output of high grade plants and cut flowers. Address

Key 378, care American Florist.

GREENHOUSE FOR SALE.

Consisting of 6 greenhouses, 16,000 feet of glass, all built within the last three years, and 13 acres of land, located on steam and electric railroad, in a prosperous and growing town about 25 miles from Cleveland, O. Double strength glass, Garland gutters with iron supports, 50 h. p. boiler, 350 barrel cistern city water. Good stock of plants, bulbs and flowers. In all respects a most desirable property. Will be sold at a bargain. Price: \$11,000; part cash, balance on time. 344 The Arcade, Cleveland, O.

For Sale

Five modern greenhouses with complete stock of ferns, plants and mums, also a Kroschell boiler, piping, 150 new hotbed sash, one horse and four wagons. Will lease the ground, store and 6 room flat (hot water heat) on favorable terms for five years with privilege of buying or renewal of lease. \$5,000 cash and balance of \$3,000 on time takes this fine paying business that has been established for over 20 years and has a good steady trade. Reason for selling, owner expects to leave the city. Possession about June 1. Apply in person or by mail or phone to

PETER SROCZYNSKI,

1525 N. Harding Ave.,

Phone Humbolt 299. CHICAGO.

Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 670 pages, including complete lists of the Florists' Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

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American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid

\$10,000.00 IN PRIZES

The National Flower Show

MECHANICS BUILDING, BOSTON, MASS.

March 25th to April 1st, 1911

AUSPICES

Society American Florists and Ornamental Horticulturists
in co-operation with

American Rose Society == American Carnation Society

Gladiolus Society == Mass. Horticultural Society

Connection with Annual Spring Convention of Said Societies.

~~~~~  
HELP TO MAKE IT

**The Greatest Florists' Exhibition**  
**EVER HELD IN AMERICA**

~~~~~  
IN CONNECTION

Complete Trade Exhibition

All the prominent concerns in the country will be there. Forty thousand square feet already engaged.

Speak for your space NOW before all desirable locations are engaged.

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**CHESTER I. CAMPBELL, General Manager**

Executive Offices: 5 PARK SQUARE, BOSTON, MASS.


# The "Spencer" Type of Sweet Peas

## Burpee's Special Re-selected Stocks for 1911

"Spencer" Sweet Peas are a great specialty with us! We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original **Countess Spencer**. We have grown "the original Beauty" and its many "sportive" children with painstaking care each season since. There are but few other growers who can supply an equal assortment of **True Re-selected "Spencers"** that are uniformly of such choice quality. Seedsmen and Florists can see how superior our stocks now are by the trials at **Fordhook Farms** next June or July, while those who may be in California are invited also to inspect the growing crops at our **Floradale Farm** in the beautiful Lompoc Valley. Every planter's garden, however, is really a trial ground, and we shall be quite content if any "Doubting Thomas" will send us only a portion of his order and **note the difference** in character of flowers produced.

 You can buy so-called "Spencer" Sweet Peas at half our price—but the result will only be disappointment—and when in flower you will surely admit that you would gladly have paid even double our prices to have had the **Burpee-Quality** of the **True Spencer Type!**

|                                                                                                                       | Per pkt. | Per oz. | Per ¼ lb. | Per lb. |
|-----------------------------------------------------------------------------------------------------------------------|----------|---------|-----------|---------|
| 3131 <b>America Spencer.</b> Red flakes on white ground.....                                                          | \$0 15   | \$1 00  |           |         |
| 3133 <b>Asta Ohn.</b> A charming soft lavender.....                                                                   | 10       | 25      | \$0 75    | \$2 50  |
| 3134 <b>Apple Blossom Spencer.</b> Of the same coloring as the popular <i>Apple Blossom</i> .....                     | 10       | 35      | 1 00      | 3 50    |
| 3135 <b>Aurora Spencer.</b> An exact counterpart of <i>Burpee's Aurora Sweet Pea</i> .....                            | 10       | 45      | 1 25      | 4 50    |
| 3138 <b>Beatrice Spencer.</b> White ground, tinted with pink and buff.....                                            | 10       | 25      | 75        | 2 50    |
| 3139 <b>Countess Spencer.</b> A soft rose-pink.....                                                                   | 10       | 20      | 60        | 2 00    |
| 3140 <b>Constance Oliver.</b> Delicate pink, suffused cream.....                                                      | 15       | 75      |           |         |
| 3141 <b>Dainty Spencer.</b> White, edged with rose.....                                                               | 15       | 85      | 2 75      | 10 00   |
| 3149 <b>Emily Eckford Spencer.</b> Rosy mauve, changing to blue.....                                                  | 15       | 1 50    |           |         |
| 3143 <b>Ethel Roosevelt.</b> Pink flakings or stripes on cream ground. Half-size packet (10 seeds), 15c.....          | 25       |         |           |         |
| 3144 <b>Flora Norton Spencer.</b> A beautiful shade of lavender.....                                                  | 10       | 50      | 1 50      | 5 00    |
| 3145 <b>Florence Morse Spencer.</b> A light pink-edged <i>Countess Spencer</i> .....                                  | 10       | 20      | 60        | 2 00    |
| 3146 <b>Florence Nightingale.</b> The best lavender <i>Spencer</i> . Half-size packet (10 seeds), 15c.....            | 25       |         |           |         |
| 3147 <b>George Herbert.</b> Bright rosy-carmine.....                                                                  | 10       | 25      | 75        | 2 75    |
| 3148 <b>Helen Lewis.</b> Crimson-orange; wings orange-rose.....                                                       | 10       | 20      | 60        | 2 00    |
| 3152 <b>King Edward Spencer.</b> Deep carmine-scarlet.....                                                            | 10       | 25      | 85        | 3 00    |
| 3153 <b>Lovely Spencer.</b> Similar in color to the original " <i>Lovely</i> ".....                                   | 10       | 40      | 1 10      | 4 00    |
| 3154 <b>Mrs. A. Ireland.</b> Buff ground suffused rose.....                                                           | 15       | 50      | 1 35      | 5 00    |
| 3155 <b>Marie Corelli.</b> Brilliant rose-carmine.....                                                                | 15       | 85      | 2 75      | 10 00   |
| 3158 <b>Mrs. C. W. Breadmore.</b> Buff ground, edged with pink.....                                                   | 15       | 40      | 1 10      | 4 00    |
| 3159 <b>Mrs. Routzahn.</b> Apricot, suffused with pink.....                                                           | 10       | 35      | 1 00      | 3 50    |
| 3160 <b>Mrs. Sankey Spencer.</b> Black-seeded White <i>Spencer</i> .....                                              | 10       | 20      | 60        | 2 00    |
| 3161 <b>Othello Spencer.</b> Rich deep maroon.....                                                                    | 10       | 35      | 1 00      | 3 50    |
| 3162 <b>Mrs. Hugh Dickson.</b> Rich pink-apricot on cream ground. <i>Packets only. 15c.</i>                           |          |         |           |         |
| 3164 <b>Paradise Ivory.</b> Flushed rose on primrose ground.....                                                      | 10       | 30      | 85        | 3 00    |
| 3166 <b>Burpee's Primrose Spencer.</b> (Re-selected).....                                                             | 10       | 20      | 60        | 2 00    |
| 3168 <b>Purple Prince Spencer.</b> Standard purple-maroon; wings rosy-purple. <i>Packets only. 15c.</i>               |          |         |           |         |
| 3169 <b>Queen Victoria Spencer.</b> Deep primrose flushed with rose.....                                              | 10       | 50      | 1 75      |         |
| 3170 <b>Ramona Spencer.</b> Striped blush pink on white ground.....                                                   | 10       | 30      | 85        | 3 00    |
| 3173 <b>Senator Spencer.</b> Deep claret stripes on heliotrope ground.....                                            | 15       | 65      | 2 00      | 7 50    |
| 3174 <b>Tennant Spencer.</b> Spencer form of <i>Dorothy Tennant</i> .....                                             | 10       | 50      | 1 75      |         |
| 3180 <b>Waverly Spencer.</b> Purplish maroon.....                                                                     | 10       | 35      | 1 00      | 3 50    |
| 3175 <b>W. T. Butchins.</b> Cream, margined with bluish-pink.....                                                     | 15       | 85      | 2 75      | 10 00   |
| 3176 <b>Burpee's White Spencer.</b> (Re-selected).....                                                                | 10       | 20      | 60        | 2 00    |
| 3181 <b>Surprisingly Superb New "Spencer" Seedlings.</b> A grand mixture of varieties of the true "Spencer" type..... | 10       | 20      | 60        | 2 00    |

 The above prices are **net** to florists, except **prices per pkt.**, which are subject to **33 1/3 per cent discount.**

## Burpee's Blue List for 1911

A complete catalogue of 146 pages, for Florists and Market Gardeners, will be mailed upon application, but only to those entitled to receive it. Our Retail Catalogue is free to everyone.

**W. ATLEE BURPEE & CO., Philadelphia, Pa.**



# EASTER LILIES

## The Finest We Ever Grew

Lilies are offered at very low prices, considering the general scarcity of stock, and every florist should include them in his order.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

#### AMERICAN BEAUTIES

|                      | Per doz.       |
|----------------------|----------------|
| Extra long.....      | \$6.00         |
| 36 inches.....       | \$4.00 to 5.00 |
| 24 to 30 inches..... | 3.00           |
| 16 to 18 inches..... | 2.00           |
| 8 to 10 inches.....  | 1.00           |

#### Richmond and Rhea Reid

|                     |          |                 |
|---------------------|----------|-----------------|
| Extra long.....     | per 100, | \$12.00         |
| Good lengths.....   | per 100, | \$8.00 to 10.00 |
| Medium lengths..... | per 100, | 6.00            |
| Short.....          | per 100, | 4.00 to 5.00    |

#### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin

|                         |          |                 |
|-------------------------|----------|-----------------|
| Extra select.....       | per 100, | \$12.00         |
| Good lengths.....       | per 100, | \$8.00 to 10.00 |
| Medium lengths.....     | per 100, | 6.00            |
| Good short lengths..... | per 100, | 4.00 to 5.00    |

#### CARNATIONS

|                                       |             |                   |
|---------------------------------------|-------------|-------------------|
| Fancy pink and white.....             | per 100,    | \$4.00 to \$ 5.00 |
| Fancy red, O. P. Bassett.....         | per 100,    | 4.00 to 5.00      |
| <b>HARRISI LILIES</b> .....           | per doz.,   | 2.00              |
| ".....                                | per 100,    | 12.00 to 15.00    |
| Jonquills.....                        | per 100,    | 3.00 to 4.00      |
| Lily of the Valley.....               | per 100,    | 3.00 to 4.00      |
| Select Pink and White Sweet Peas..... | per 100,    | 1.00 to 1.25      |
| Tulips.....                           | per 100,    | 3.00 to 4.00      |
| Adiantum.....                         | per 100,    | 1.00              |
| Asparagus.....                        | per string, | .50               |
| Asparagus Sprays.....                 | per 100,    | \$3.00 to 4.00    |
| Ferns.....                            | per 1000,   | 2.00 to 2.50      |
| Galax, Green.....                     | per 1000,   | 1.00              |
| " Bronze.....                         | per 1000,   | 1.00              |
| Smilax.....                           | per doz.,   | \$1.50 to 2.00    |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

#### Chicago.

##### A GREAT SHORTAGE OF STOCK.

The bright pleasant weather, which the growers are so anxiously awaiting, seems very slow in coming, for the days are dark and mostly cloudy, and the cut at all the houses is greatly reduced. "One of the greatest shortages the dealers have ever experienced in recent years" is the way that one of the wholesale merchants states the present condition of the flower market, and the same state of affairs must be existing all over this section of the country, for the demands are being received from all directions, and in many cases it is not a question of price, but to get the stock. In some cases the retailers have made a personal visit, traveling from a distance, to see why they cannot procure the necessary stock, failing to understand why the market is so short. Roses, especially white and pink, are picked up and shipped as fast as they arrive at the stores. The only roses seen in the retailers are American Beauty and Richmond, all the Killarneys, My Maryland, Bride and Bridesmaid finding an immediate purchaser. Carnations are receiving an extra heavy call, the shortage of roses, of course, making an extra demand for this, the second choice. But they, too, are being received in smaller quantities than usual, which rather aggravates the situation. White carnations are bought up at once and the light colors find early sale. McKinley Day, while not observed to any appreciable extent in the city, caused an extra call the last of the week. Violets are quite plentiful and orchids are in much greater supply, which enables the retailer to fill extra nice orders in a satisfactory manner. Sweet peas are none too plentiful; the dark weather seems to have also had its effect upon them. Lilies and callas are offered and find

good sale. Lily of the valley is of extra fine quality and the demand is fully equal to the supply. Bulbous flowers are becoming more plentiful and of better quality. Tulips are very fine and are especially useful during the shortage of roses and carnations, and are greatly appreciated. The narcissus are late this year, there being little seen as yet but Trumpet major, Campanules and Paper Whites, the larger flowered varieties and Von Sion not yet appearing in any quantity. There is a fine lot of freesia, some extra good mignonette and Roman hyacinths upon the market which fill in nicely. The retail stores are all enjoying good trade, society functions being at their height and there is also considerable funeral work. Preparations for St. Valentine's Day are in progress.

#### NOTES.

Vaughan's Nurseries, Western Springs, Ill., acquired the 80 acres adjoining their property which they had leased during the past year, the increased demand for nursery stock rendering this course necessary. This addition gives the firm a total of 120 acres, strictly for nursery purposes and will be devoted to popular trees, shrubs and hardy herbaceous perennials. John Canger, the hustling proprietor of Canger & Gormley's, is kept very busy in arranging the many orders for wedding and dinner decorations that this firm is executing. During the shortage of roses and carnations a large number of tulips, jonquills and other spring novelties are used in the decorations and are giving splendid satisfaction.

At Vaughan & Sperry's we noticed a fine display of bulbous stock of all kinds, freesias are arriving in splendid condition and in such quantity that they are able to fill all orders. This firm is enjoying exceptionally good

business, the shipping trade being excellent.

The Chicago Carnation Co. continue to receive a large number of orders for rooted carnation cuttings, and up to the present writing 65,000 have been delivered. The new variety, Washington, is greatly admired and is in good demand.

Exceptionally good business is being enjoyed at the store of A. Lange on Madison street, and the flowers are as usual of the best quality and the fine display which is made in the window is always attractive to the shopper.

Kyle & Foerster are offering a splendid grade of Couronne d'Or and La Reine tulips, which are arriving in quantity. Sweet peas are also being received in good condition and a large supply was seen at the store this week.

Henry Mundt, a pioneer florist of Forest Park, died at his home January 25, at the age of 52 years. The funeral was held from the residence January 29 and was largely attended. The interment was at Concordia cemetery.

Peter Reinberg is filling a large number of orders for a choice grade of American Beauty roses, which are arriving in such quantity that they are able to take care of all calls for them.

George Reinberg is cutting a fancy grade of Richmond and White Killarney roses. The lilies that this firm is offering are of extra fine quality and are eagerly sought for by the best trade.

Fred Liebermann resigned his position as head shipping clerk at Vaughan & Sperry's and will take charge of the store which he recently purchased from Mrs. E. Lundberg at 1611 Wells street.

The new show window which is being placed in the store of H. C. Rowe in the Palmer House will add to the attractiveness of the store.

# ROSES

**Extra fancy KILLARNEY, WHITE KILLARNEY,  
RICHMOND, BRIDE, BRIDESMAID, and  
AMERICAN BEAUTIES.**

## CARNATIONS

**A large quantity in all the leading varieties. Our stock  
is all of a high grade quality and is bound to please.**

**No Order Too Large.**

**No Order Too Small.**

# HOERBER BROS.

**Wholesale Growers of Cut Flowers**

**51 Wabash Ave.,**

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

Edward and Harry Dale of Brampton, Ont., spent the greater part of last week in this city, returning home January 28. They visited the Chicago Carnation Co.'s greenhouses at Joliet, Bassett & Washburn's range at Hinsdale and the Peter Reinberg establishment in this city.

Hoerber Bros. are cutting a fancy grade of carnations in all the leading varieties, with Enchantress and Winsor showing up remarkably well. In roses, Richmond, Killarney and Bride are arriving in splendid condition and are sold at an early hour.

Clifford Pruner is again seen at his desk at E. H. Hunt's after having been confined to his home with a severe attack of la grippe. A. F. Longren, the traveling representative of this firm, helped out at the store during Mr. Pruner's illness.

Weiland & Risch are headquarters for carnations, and a fancy grade of all the leading varieties can be seen at the store this week. Their growers are certainly deserving of much credit for the splendid stock that they are sending to the store.

The J. B. Deamud Co. is enjoying exceptionally good business and a large quantity of bulbous stock is sold daily. The carnations that this firm is receiving are of extra good quality and sell as soon as placed on sale.

Chas. W. McKellar is receiving a fine grade of Dendrobium noble, vandae and other choice orchids. Cypripediums are arriving in quantity but the heaviest crop of Cattleya trianae is about over.

Fred Nichols resigned his position at the Geo. Reinberg store January 21, and left for Peoria the following day to take charge of the store he recently purchased in the Ray Hotel.

T. E. Waters, with the A. L. Randall Co., returned January 27 from a successful western business trip.

## Fancy Carnation Blooms

### THE PLEASING KIND

Our Carnations are arriving in splendid condition, and give satisfaction.

Remember we are growers and ship our customers strictly fresh stock, properly packed. We can please you when all others fail.

### PRICE LIST

|                              |      |                                 |                  |
|------------------------------|------|---------------------------------|------------------|
| Carnations, extra fancy..... | 5.00 | Valley, Choice Blue Ribbon..... | \$3.00 to \$4.00 |
| Select.....                  | 4.00 | Valleys, Double.....            | 1.50 to 2.00     |
| Good.....                    | 3.00 | " Single.....                   | 1.00 to 1.50     |

All Greens, etc., at lowest market prices.

## CHICAGO CARNATION CO.

A. T. PYFER, Manager.  
Phone Central 3373.

**35-37 Randolph St., CHICAGO**

John P. Burke, the enterprising florist at 5537 Wentworth avenue, is mailing a very attractive calendar to his many customers in this city.

W. D. Desmond, with the L. S. Donaldson Co. of Minneapolis, Minn., spent a few days of last week in the city, returning home January 28.

Wm. Sgoros, with the Madison Floral Co., corner of Madison and Clark streets, returned February 1 from a brief visit in Milwaukee.

Kennicott Bros. Co. is featuring Klehm's novelty tulips this week, and a large quantity is sold daily.

The regular meeting of the Florists' Club will be held at the Union Restaurant, February 2.

## U S Budlong's E Blue Ribbon Valley.

The American Beauty roses that Wietor Bros. are cutting are of the first quality, with splendid color, foliage and stem.

E. C. Amling Co. is receiving large shipments of double violets of exceptionally good quality.



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid

## Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
seasonable stock.

and Fancy Carnations in good  
supply.

### CURRENT PRICE LIST

|                         |                        | Per 100                   |                            | Per 100         |                                          |                  |
|-------------------------|------------------------|---------------------------|----------------------------|-----------------|------------------------------------------|------------------|
| <b>American Beauty</b>  |                        | Per doz.                  |                            | Per 100         |                                          |                  |
| 36 inch and up          | 5 00                   | <b>Bridesmaid, fancy</b>  | select                     | \$15 00         | <b>Freelias</b>                          | \$3 00 to \$4 00 |
| 30 inch                 | 4 00                   |                           | medium                     | 12 00           | <b>Mignonette</b>                        | 4 00 to 8 00     |
| 24 inch                 | 3 00                   |                           | good short                 | \$8 00 to 10 00 | <b>Paper Whites</b>                      | 3 00             |
| 18 to 20 inch           | 2 00                   |                           |                            | 6 00 to 8 00    | <b>Romans</b>                            | 8 00             |
| Short stem              | \$1 00 to 1 50         | <b>Bride, fancy</b>       | select                     | 15 00           | <b>Sweet Peas</b>                        | 75 to 1 25       |
| 12 to 15 inch           | per 100, 8 00 to 10 00 |                           | medium                     | 12 00           | <b>Tulips</b>                            | 10 to 4 00       |
|                         |                        |                           | good short                 | 8 00 to 10 00   | <b>Valley</b>                            | 10 to 5 00       |
|                         |                        |                           |                            | 6 00 to 8 00    | <b>Violets</b>                           | 75 to 1 00       |
|                         |                        |                           |                            | 15 00           | <b>Adiantum</b>                          | 75 to 1 00       |
| <b>Richmond, fancy</b>  | \$15 00                | <b>My Maryland, fancy</b> | select                     | 12 00           | <b>Asparagus Plumosus, extra quality</b> |                  |
| "                       | medium                 |                           | medium                     | 10 to 10 00     | per bunch                                | 30 to 50         |
| "                       | good short             |                           | good short                 | 00 to 8 00      | per string                               | 50 to 60         |
| <b>Killarney, fancy</b> | 15 00                  | <b>CATTLEYS</b>           | per doz., \$4 00 to \$6 00 |                 | <b>Sprengeri</b>                         | 3 00 to 10 00    |
| "                       | select                 | <b>Harrisl Lilies</b>     | per doz., 1 50 to 2 00     |                 | <b>Fancy Ferns</b>                       | 2 50             |
| "                       | medium                 |                           |                            |                 | <b>Galea</b>                             | per 1000, 1 25   |
| "                       | good short             |                           |                            |                 | <b>Smilax</b>                            | 1 50             |
|                         | 6 00 to 8 00           | <b>Carnations</b>         |                            | 4 00            | <b>Wild Smilax</b>                       | per case, 5 00   |
| <b>ROSES</b>            | per selection          |                           | 1st quality                | 3 00            |                                          |                  |

# BEAUTIES!

We are cutting heavily in **AMERICAN BEAUTY ROSES** and can fill your order on short notice. Also a fancy grade of **RICHMOND, KILLARNEY** and **WHITE KILLARNEY**. Plenty of all other seasonable stock.

## PRICE LIST:

### AMERICAN BEAUTIES

|              | Per Doz. | Richmond        | Special | Per 100          |
|--------------|----------|-----------------|---------|------------------|
| Extra long   | \$5 00   | Killarney       | Select  | \$12 00          |
| 36-inch stem | 4 00     | White Killarney | Select  | \$ 8 00 to 10 00 |
| 30-inch stem | 3 50     | Field           | Medium  | 6 00             |
| 24-inch stem | 3 00     | My Maryland     | Short   | 5 00             |
| 20-inch stem | 2 50     | Uncle John      |         |                  |
| 18-inch stem | 2 00     | Bride           | Select  | 10 00            |
| 15-inch stem | 1 50     | Ivory           | Medium  | 8 00             |
| 12-inch stem | 1 00     | Sunrise         | Short   | 5 00             |
| Short stem   | 75       | Gate            |         |                  |
|              |          | Perle           |         |                  |

### ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|            | Per 100      |           | Per doz., \$2 00 | Per 100         |
|------------|--------------|-----------|------------------|-----------------|
| Fancy      | \$ 4 00      | Harrisii  |                  | 4 00            |
| Common     | 3 00         | Valley    |                  | \$ 75 to \$1 25 |
| Sweet Peas | 75 to 1 00   | Violets   |                  | 1 00            |
| Jonquils   | 3 00 to 4 00 | Adiantum  |                  |                 |
| Daffodils  | 3 00 to 4 00 | Asparagus | per bunch,       | \$0 50          |
|            |              | Ferns     | per 1000,        | 2 50            |

Subject to change without notice.

# PETER REINBERG, 35 Randolph St CHICAGO.

the flowers and reaching a number of people who probably would not have thought of it.

The deep thinking and sanctimonious office force of a flower store sometimes forget themselves and breathe the same atmosphere as others. On a recent date one florist was speaking of a beautiful cattleya they had seen, when the office forget finances, and said, that a cat-lay on her desk and covered all the papers with hairs, much to her displeasure.

A visit at the Wm. Scott Co. recently found their stock in good shape, some fine pans of bulb stock, also azaleas and cyclamen, making their show house very attractive. Business being reported good by R. A. Scott.

The next meeting of the Buffalo Florists' Club will be a busy one. Nominations for officers will be in order, also a debate which has been arranged by chairman McClure of the essay committee.

"I am surprised at John Kramer. He should have known that his nose was not as solid as Kasting's zinc counter." "Back up to the counter next time, John."

Wm. F. Kasting has been a busy man, a trip to Albany and Boston taking about a week. President Asmus of the S. A. F. called and reported things booming.

From reports of different growers everything looks good so far in Easter stock. Before we know it everyone will be talking Easter.

L. H. Neubeck has been cutting some very fine lilies.

Visitors: S. Green, of H. Bayersdorfer & Co., Philadelphia; Arnold Reuger, Chicago, and the representative of Schloss Bros., ribbons, N. Y., not forgetting more bulb men.

BISON.

## "The Busiest House in Chicago"

Wants to supply your wants in

Roses, Carnations, Novelty Tulips, Valley, Violets,  
WILD SMILAX, Florists' Greens,  
and all Cut Flowers that are in season.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

North Manchester, Ind.

The Northern Indiana Florists' Association held its quarterly meeting at North Manchester, Ind., January 18. The local florists, J. J. Martin and Harry White, entertained the visiting members at the Young Hotel. After a sumptuous banquet the meeting was called to order by the president, N. N. Dederick, in the parlors of the hotel, where business was at once begun and continued in a long and interesting session, to the material benefit of all present. The exhibits were not so large as was anticipated but what was shown was far above criticism. Harry White of North Manchester showed fine White Perfection and Victory carnations, Johnson Floral Co., Kendallville, a collection of several varieties of carnations; Wagener Floral Co., Columbia City, a pink seedling rose with long, stiff stems and Enchantress carnations from a two-year-old bed, both of which were declared "all right." Stewart & Haugh, Anderson, showed violets which were marvelous, with stems almost a foot

## U S Budlong's E Blue Ribbon Valley.

long; Simon Humfeld, Muncie, fine small plants of asparagus, sprengeri and plumosus, ferns and caladium bulbs. The next quarterly meeting will be held at Muncie, to which a cordial invitation is extended to all florists in Northern Indiana.

A. J. WAGONER, Sec'y.

WEST NEWBURY, MASS.—The Brookdale nursery, Charles F. Newell, proprietor, is building a new propagating house of cement and iron construction and boiler house, and will add another house the coming season, to meet the requirements of the increased business.



**We are Cutting a  
Large Quantity of**

# LONG STEM BEAUTIES

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

## PRICE LIST.

| AMERICAN BEAUTY—      | Per doz.       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 16-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100                 |
|-----------------|-------------------------|
| Killarney       | Extra fancy.....\$10 00 |
| White Killarney | Fancy.....8 00          |
| Mrs. Jardine,   | Good.....6 00           |
| Richmond,       | Short.....4 00          |
| Bride,          |                         |
| Maid,           | Fancy.....\$8 00        |
| Uncle John,     | Good.....6 00           |
| Perle           | Short.....4 00          |

|                           | Per 100        |
|---------------------------|----------------|
| Roses, Our Selection      | 5 00           |
| Carnations, fancy.....    | 4 00           |
| Good.....                 | 2 00 to 3 00   |
| Valley.....               | 4 00 to 5 00   |
| Adiantum.....             | 1 00           |
| Sprengerl, per bunch...\$ | 0.50 to \$0.75 |
| Asparagus " " " " " "     | .50 to .75     |
| Ferns, per 1000.....      | 2.50           |
| Galax.....                | 1.00 to 1.50   |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

### Detroit.

#### A TRYING PERIOD.

The month of January just past will be remembered as a period quite trying to the retailers and most unpleasant and unprofitable for the wholesalers, because of the general shortage of roses and carnations. Local growers, like most others throughout the country, were off crop with these two staple items. Retailers, however, by the free use of galax, cypas and magnolia leaves for funeral work were enabled to greatly reduce their real and fancied difficulties. Violets, too, were fine and always plentiful, and offered at such reasonable prices that made them an important factor in solving the question of supply and demand in the better class of flowers during the shortest and coldest days of the year. Bulbous flowers are now appearing in daily increasing quantities, but no surplus is yet apparent except in the one item, Roman hyacinths, and they seem to keep losing in popularity in this market.

#### NOTES.

Chas. Warneke has just completed, in a novel and beautiful way, the decoration of his store and increased its size by a room 16x32 feet. His prosperous business has encouraged him to make plans for an extended European trip soon after the spring trade is ended. Miss Josephine Mero of this establishment spent last week in Grand Rapids.

M. Bloy, undismayed by the loss by fire recently of his stable, is rebuilding and increasing its size to a two story structure 20x50 feet. His auto that was destroyed in the same fire will be replaced soon with a larger and better one. His business is splendid and fast increasing.

Harry G. Smith, formerly of Grosse Pointe, has opened a floral store on North Woodward avenue opposite the Evergreen Cemetery. All in the trade wish the genial Harry much success in his new enterprise.

Louis Charvat has been quite seriously ill with stomach trouble, but is now much improved and considered out of danger.

Herman Knappe, who has been for some time ill, is now doing well and expected to resume his work before long.

B. Schroeter expects to occupy his new and beautiful residence on Helen avenue some time next week.

Earl Metz, of Mrs. Freeman's store, Toledo, visited the trade last week.

J. F. S.



# ORCHIDS

## :: A Specialty ::

A fine stock of Cattleyas, Gardenias, Cyripediums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**  
51 Wabash Avenue.  
**CHICAGO.**

### Cleveland.

#### MORE STOCK ARRIVING.

The more days of sunshine the past week has helped wonderfully, for more stock arrived during the latter part of the week than for some time past, and wholesalers were able to fill orders more satisfactorily. Roses, however, still remain very much short of the demand. Sweet peas have been rather a disappointment to some growers, and one or two have thrown out big lots to make room for other stock, not enough sunshine caused them to go to the bad. Callas are coming in quantity and find a ready market. Paper White narcissus and tulips are abundant. Lily of the valley is plentiful and the quality exceptionally fine. Violets do not move any too well. Smilax is good and greens of all kinds seem to be in sufficient supply to meet all demands.

#### NOTES.

An enthusiastic meeting took place at the Florists' Club January 23. Several new members were admitted (this is getting to be a regular thing). The financial standing of the club is improving wonderfully, as the new secretary, F. H. Friedly, is a hustler, receipts for the evening being \$25.00. Come and join us in a bowling match,

**U S Budlong's  
E Blue Ribbon Valley.**

telling funny stories, or pitting your wits against the rest in a friendly game of cards. Next meeting night, February 13, which is the night of the big show.

O. Reep, North Olmstead, is sending in a fine lot of tulips of all colors, daffodils and other bulbous stock.

John Bleckschmidt has a new boarder, who arrived January 22. It is a fine boy. Mother and babe are both doing nicely.

Jas. Eadie Co. are cutting a fine lot of tulips of all colors at their greenhouses which are exceptionally fine.

M. Gaul of the Cleveland Cut Flower Co. is laid up with rheumatism and unable to attend to his work.

A. M. Coe has been appointed administrator of his father's estate.

I. Kennedy has been very ill for some time.

C. F. B.

# Cut Flowers \* \* E. H. HUNT \* \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

—SEND FOR PRICE LIST.—

76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

## PEOHLMANN BROS. CO.

Wholesale Growers of and Dealers in

**Cut Flowers**

All telegraph and telephone orders  
given prompt attention.

Greenhouses 32-37 Randolph St.  
MORTON GROVE, ILL. CHICAGO.

Baltimore.

MARKET IMPROVING.

There is some improvement in the condition of the cut flower market, and more material is coming in; but neither in quality nor quantity is it up to a high standard of requirements. For the past week roses about kept pace with demands, or at least there was such an opportunity for apportionment that there was no acute complaint; carnations were more abundant, but by the end of the week the stock was pretty well cleaned out. Violets were in good supply, and some, perhaps, went to waste; valley, lilacs and gardenias were not at all overabundant. Trade was fairly active, there being a great many entertainments, dinners, etc., and the opera season, which makes occasion for many social affairs, has opened. The weather has been extremely soft, with warm rains and southerly winds. The moisture is penetrating the long dried soil and the springs and water courses are recovering their lost volume. There is practically no frost in the ground and outdoor work goes on apace. Doubtless, this condition is not to be continued for very long, the chances being that we will wake up soon to a renewal of winter temperature and rude storms.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

32, 34, 36 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

|                                   | CHICAGO, Feb. 1. | Per doz. |
|-----------------------------------|------------------|----------|
| Roses, Beauty, 36 in .....        | 5 00             |          |
| " " 30 in .....                   | 4 00             |          |
| " " 24 in .....                   | 3 00             |          |
| " " 18 in .....                   | 2 00             |          |
| " " 12 to 15 in .....             | 1 00@1 50        |          |
|                                   |                  | Per 100  |
| " Bride, Bridesmaid, select..     | 15 00            |          |
| " " medium .....                  | 6 00@12 00       |          |
| " Killarney, select .....         | 15 00            |          |
| " " medium and short .....        | 6 00@12 00       |          |
| " Kaiserin .....                  | 4 00@12 00       |          |
| " Mrs. Jardine .....              | 6 00@12 00       |          |
| " My Maryland .....               | 6 00@15 00       |          |
| " Perle .....                     | 4 00@12 00       |          |
| " Richmond .....                  | 6 00@15 00       |          |
| " Uncle John .....                | 4 00@12 00       |          |
| " White Killarney, select .....   | 15 00            |          |
| " " medium .....                  | 8 00@12 00       |          |
| Carnations .....                  | 2 00@3 00        |          |
| " " fancy .....                   | 4 00             |          |
| Cattileas .....                   | 5 00@6 00        |          |
| Cypripediums .....                | 15 00@20 00      |          |
| Gardenias .....                   | 3 00@4 00        |          |
| Dendrobium Formosum .....         | 5 00@6 00        |          |
| Dendrobium Nobile .....           | 2 00@6 00        |          |
| Freeseas .....                    | 3 00@4 00        |          |
| Hyacinths, Roman .....            | 3 00             |          |
| Lilium Harrisii .....             | 12 00@15 00      |          |
| Lily of the Valley .....          | 3 00@4 00        |          |
| Nicotinette .....                 | 4 00@8 00        |          |
| Narcissus .....                   | 3 00             |          |
| Sweet Peas .....                  | 75@1 25          |          |
| Tulips .....                      | 2 00@4 00        |          |
| Violets .....                     | 75@1 25          |          |
| Adiantum Plena, strings, each ..  | 75@1 00          |          |
| Asparagus Plena, strings, each .. | 50@60            |          |
| " " sprays .....                  | 3 00@4 00        |          |
| " Sprengerii .....                | 3 00@4 00        |          |
| Boxwood .....                     | 75               |          |
| Ferns .....                       | 2 00@2 50        |          |
| Leucothoe .....                   | 75               |          |
| Smilax .....                      | 1 50             |          |
| Wild Smilax .....                 | 5 00             |          |

George W. Williams, for several years a member of the City Park Commission, has been elevated to its presidency to succeed the late General Ferdinand C. Latrobe. Mr. Williams is a lawyer, active and vigorous, enthusiastic as to the work of the board, and with a great interest in public playgrounds, which are run as adjuncts to the park operations. The selection seems well received.

John J. Perry, as a matter of course, was elected manager of the Florists' Exchange and congratulated on the success his operations have achieved for it in the past year. Mr. Perry has gained the confidence of growers and consumers alike, and is building up a shipping trade which, naturally, ought to center in this city.

James Hamilton has had some shipments of carnations of remarkably good quality which bring top prices.

S. B.

## WIETOR BROS.

Wholesale  
Growers of **Cut Flowers**

All telegraph and telephone orders given  
prompt attention.

51 Wabash Ave., CHICAGO.

Mention the American Florist when writing



Mention the American Florist when writing

## A. L. Randall Co.

19-21 Randolph St.,

CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

Mention the American Florist when writing

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

Mention the American Florist when writing

W. P. KYLE

JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

Mention the American Florist when writing

## Geo. Reinberg

Wholesale Florist

35 Randolph Street, CHICAGO.

Mention the American Florist when writing

## U S Budlong's E Blue Ribbon Valley.

CLIFTONDALE, MASS.—William Sim has constructed another greenhouse which has been added to his extensive range.



## ROOTED CUTTINGS

Alma Ward.....\$7.00 per 100; \$60.00 per 1000  
Mrs. C. W. Ward.....6.00 per 100; 50.00 per 1000

plants will do well with any grower of the average ability, and will produce as freely as any other fancy variety.

Delivery after February 15th, 1911. Orders filled in rotation.

Send for our complete list of Rooted Carnation cuttings of good commercial varieties.

**THE LEO NIESSEN CO.**

Business Hours: 7 a. m. to 8 p. m.  
1209 Arch St.,

**Philadelphia, Pa.**

### Philadelphia.

#### STOCK NEARER DEMAND.

The cut flower supply is getting a trifle nearer the demand but prices have not softened to any great extent. The stock of roses is showing again although American Beauties are still not equal to the demand, and prices are still at the top for the season. Killarneys are more plentiful and some grand stock is seen. White Killarneys are still very scarce, as are all white roses. Richmonds are a trifle more plentiful but sell up clean every day. Carnations are in such demand and the shipments so light that very seldom is any stock carried over into the next day, there being a good shipping for all colors. The sweet peas are also in much better supply and move lively, as they are great favorites with the public. Freesia is now a staple and finds a ready sale. Some growers do this plant so well and others send in such poor, trashy stock. A trip to town once in awhile to look with "open" eyes over the market would be time and money well spent for a good many growers. Daffodils, tulips and narcissus are now seen in quantity and are all finding a ready sale. The daffodils are a dollar lower than last week, while the Paper Whites are held at half a dollar higher. Lilies have been scarce the past week, local crops being off. Some very fine eastern stock saved the situation. Violets are about equal or a little above the demand; prices of the singles have softened a trifle. Orchids are not quite so plentiful as last week and prices have hardened. Lillium Roseum is now seen in the market almost all the time and finds a fair demand as a fancy flower. There is a good sale for all kinds of greens, asparagus plumosus and adiantum selling up close all the time. The retail men say that there are quite a number of luncheons and dinners, which, with other entertainments incident to the season, is keeping up a demand that compares favorably with that of last year. The wholesale men say the shipping trade is good.

#### NOTES.

The trade were very much shocked to hear of the death of Samuel C. Moon—such a genial gentleman, such a useful member of the craft, one who was so well versed in everything pertaining to his profession; a man in the prime of life but a few weeks ago. The pleasant outing of the Florists' Club to the old historic Morrisville Nursery, where they were so well entertained, has always remained a bright spot in the memories of those fortunate enough to be present.

The Leo Niessen Co. state they can scarcely get enough good stock for the demand, which must surely be large, judging from the great number of boxes seen opened up here every morning. An additional line here is choice New York or Hudson River violets. Their bunches of 100 blooms are certainly choice and would grace any store.

Berger Brothers are handling fine Richmond roses. Exceptionally fine Lady Campbell violets are a feature. Several growers who carry and deliver their stock make this house their morning headquarters and 7:30 to 8:30 is a busy hour here.

## Wholesale Flower Markets

| PHILADELPHIA, Feb. 1.              |             | Per 100    |
|------------------------------------|-------------|------------|
| Roses, Beauty, extra.....          | 20          | 00 25 00   |
| " " first.....                     | 20          | 00 25 00   |
| " " Brides and Maids.....          | 4           | 00 25 00   |
| " " Killarney.....                 | 4           | 00 25 00   |
| " " White Killarney.....           | 4           | 00 25 00   |
| Cattleyas.....                     | 25          | 00 25 00   |
| Gardenias.....                     | per doz.    | 2 00 25 00 |
| Lilium Harrison.....               | 8           | 00 25 00   |
| Lily of the Valley.....            | 3           | 00 25 00   |
| Mignonette.....                    | 5           | 00 25 00   |
| Snappers.....                      | 10          | 00 25 00   |
| Sweet Peas.....                    | 40          | 1 00       |
| Violets.....                       | 500         | 1 00       |
| Adiantum.....                      | 750         | 1 00       |
| Asparagus.....                     | per bunch.  | 50         |
| Smilax.....                        | 15          | 00 25 00   |
| PITTSBURGH, Feb. 1.                |             | Per 100    |
| Roses, Beauty, special.....        | 25          | 00 25 00   |
| " " extra.....                     | 15          | 00 25 00   |
| " " No. 1.....                     | 10          | 00 25 00   |
| " " Bride Bridesmaid.....          | 3           | 00 25 00   |
| " " Chateaux.....                  | 3           | 00 25 00   |
| " " Killarney.....                 | 3           | 00 25 00   |
| " " My Maryland.....               | 3           | 00 25 00   |
| " " Richmond.....                  | 3           | 00 25 00   |
| Carnations.....                    | 3           | 00 25 00   |
| Cattleyas.....                     | 60          | 00         |
| Lilium Longiflorum.....            | 10          | 00 25 00   |
| Lily of the Valley.....            | 4           | 00         |
| Paper Whites.....                  | 2           | 00         |
| Romans.....                        | 2           | 00         |
| Sweet Peas.....                    | 500         | 1 00       |
| Adiantum.....                      | 750         | 1 00       |
| Asparagus Sprenger, per bunch..... | 50          |            |
| " " strings.....                   | per string. | 50         |
| " " sprays.....                    | per bunch.  | 50         |
| Smilax.....                        | 15          | 00         |

Ed Reid's special American Beauties have been a leader the past week and two. He said "They are everything anybody could desire only there was not enough of them."

The Florists' Club five played a match with the Jenkintowns on the club alleys on Monday night last, the Florists winning by 88 pins. Robinson was high man, making a total of 607, with high game of 224. The return match will be played on the Jenkintown Club alleys on February 13.

#### JENKINTOWN.

|              |     |     |     |      |
|--------------|-----|-----|-----|------|
| A. Rich..... | 152 | 179 | 170 | 501  |
| Hilt.....    | 138 | 160 | 170 | 477  |
| Ratch.....   | 192 | 188 | 164 | 504  |
| Gook.....    | 194 | 194 | 211 | 599  |
| G. Rich..... | 167 | 177 | 139 | 483  |
|              | 843 | 808 | 853 | 2564 |

#### FLORISTS.

|                 |     |     |     |      |
|-----------------|-----|-----|-----|------|
| Evelman.....    | 175 | 145 | 159 | 479  |
| Aderberger..... | 156 | 190 | 140 | 486  |
| Robinson.....   | 200 | 202 | 182 | 584  |
| Graham.....     | 156 | 169 | 189 | 507  |
| Robertson.....  | 224 | 161 | 222 | 607  |
|                 | 911 | 867 | 874 | 2632 |

K.

### Pittsburg.

#### STOCK MORE PLENTIFUL.

Business has been very good the past week, with stock a little more plentiful. The few days of sunshine are having a telling effect on the market. McKinley day created quite a demand for carnations, greater than any previous year. No rise in prices moved a bulk of them and made it possible for all to wear a flower and make the annual custom more popular. Bulb stock of all kinds is very plentiful.

#### NOTES.

Randolph & McClements' wagons and autos can be seen plying in all parts of the city, the last week being a very busy one for them.

## FANCY

# Valley Violets, Lilacs

**THE McCALLUM CO., Inc.**  
**PITTSBURGH, PA.**

Mention the American Florist when writing

## Pittsburg Cut Flower Company

### WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA.

## Pittsburg Florists' Exchange

### WHOLESALE FLORISTS

All Seasonable Flowers

Consignments Solicited

15 Diamond Sq. PITTSBURGH, PA.

## The Florists' Exchange...

729 13th Street, N. W.

WASHINGTON, D. C.

Solicit Consignments of First-Class Stock  
"Honesty Our Motto." Try Us.

## Grand Rapids Greenhouse Co., The Leading Wholesale Florists Of Michigan.

200,000 square feet of glass devoted to Cut Flowers. Shipments everywhere. Prompt and Satisfactory. Write us for particulars.

Grand Rapids Greenhouse Co., Grand Rapids, Mich.

Jno. Orth, McKeesport, has been very ill with an ulcer on his eye. Mr. Orth has been confined to a dark room for the past three weeks.

Gustave and J. W. Ludwig, North Side, had the decoration for the Tariff Club at the Fort Pitt Hotel.

Chas. Peterson, East Liverpool, Ohio, has returned from the west after a five months' visit.

Harry Hamm, Homewood, has increased his delivery facilities with a new wagon.

John Harris, of Harris Bros.' Market, is spending a few days in Cleveland, Ohio.

F. H. Westhoff, Westhoffman, is reported laid up with a bad case of lagrippe.

A new flower store is reported on Liberty avenue, J. Demas, proprietor.

J.

# American Beauties Asparagus Plumosus Nanus

Lily of the Valley, Carnations and all Tea Roses,  
In lots of one hundred to one thousand. Phone or wire us.  
Extra large, heavy strings 50c each.

WELCH BROTHERS, Devonshire st. Boston, Mass.

W. H. Elliott, Brighton, Mass.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.  
Supplies and Everything in Season always on hand

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT

FLOWERS and Jobbers of

FLORISTS' SUPPLIES.

Columbus, Ohio

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.  
19 Province St.  
Manufacturer of Florist Wire Designs.  
All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10 inch, \$1.75 per doz.; 12 inch, \$2.25 per doz.; 14 inch, \$3.00 per doz.; 16 inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

Syracuse, N. Y.

Between 3,000 and 5,000 carnations were sold by Syracuse florists and worn in this city Sunday, January 30, McKinley day. The morning was bright and clear and spring-like, and of the city's great procession of church-goers there were few men or women who did not wear the carnation. Dealers said that a greater number were worn than on any McKinley day for a number of years. Early Sunday afternoon a heavy rainstorm set in and lasted until evening, spoiling the late day trade for the dealers. Warren E. Day, who recently opened a new store in the Onondaga Hotel building, said that he had sold more than double the usual number of carnations for a Sunday. "Also," he said, "the trade in these flowers on Saturday afternoon and night was astonishingly heavy, many people having bunches of carnations sent to their homes in order to have the flowers to wear to church next day."

A. V. B.

## J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

—CONSIGNMENTS SOLICITED.—

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.

Price List on Application.

316 Walnut St., CINCINNATI, OHIO.

Phone Main 584.

Boston.

PRICES STILL HIGH.

The condition of the flower market remains about the same as last week. Roses are very scarce and bring high prices. Carnations have shortened up and prices have advanced. This is especially true of the white and lighter shades, which is undoubtedly due to the scarcity of white roses, resulting in an increased demand. Sweet peas have shortened up and are selling very readily for more money. Bulbous stock is coming into this market in good supply, and is selling at as good a price as is usual at this time of the year. The wholesale dealers report a very good business, and the condition of the market is in their favor, as the salesmen in the flower markets sell their daily receipts of stock early in the morning, and buyers later in the day are forced to the wholesale stores for the flowers to meet the wants of their trade in their respective localities. The retailers report a good business, for while the supply is short, the demand is not extra heavy, and they are able to dispose of their stock on hand at good prices, and that is more satisfactory than to have a lot of material laid on their hands unsold, but if the demand was much larger it would be almost impossible to procure flowers of some varieties to supply their customers.

NOTES.

All the flower lovers in this vicinity are looking forward to the National Flower Show which is only a little more than a month away, and the report is that preparations are progressing favorably, and it is the general opinion that it will be the largest show of the kind ever held in this country, and that it will be national in character as well as in name.

Fred L. Hardy, of Natick, has gone into voluntary bankruptcy with liabilities of \$5,619 and his assets are \$200.

Thomas Pegler is handling the usual good quality of flowers from his consignors and reports business good.

Lester Mann is bringing in a large quantity of bulbous stock and other flowers from the houses at Randolph.

E. J. Rokean reports a very good business in the line of stock which he carries.

H. C. W.

CHARLESTON, W. VA.—The annual meeting of the West Virginia Horticultural Society was held January 25-26 in the rooms of the State Board of Agriculture. The usual fruit exhibition was held and important papers read and discussed.

## Wholesale Flower Markets

| BOSTON, Feb. 1.            |    | Per 100    |
|----------------------------|----|------------|
| Roses, Beauty, best        | 35 | 00/60 00   |
| " " medium                 | 15 | 00/25 00   |
| " " culls                  | 6  | 00/2 8 00  |
| " " Bride, Bridesmaid      | 2  | 00/2 8 00  |
| " " Killarney and Richmond | 3  | 00/2 16 00 |
| " " My Maryland            | 4  | 00/2 16 00 |
| " " Carnot                 | 8  | 00/2 8 00  |
| Carnations, select         | 2  | 00/2 3 00  |
| " " fancy                  | 3  | 00/2 4 00  |
| Callas                     | 8  | 00/2 12 00 |
| Cattleyas                  | 35 | 00/2 50 00 |
| Chrysanthemums             | 8  | 00/2 35 00 |
| Gardenias                  | 25 | 00/2 35 00 |
| Lilium Longiflorum         | 3  | 00/2 10 00 |
| Lily of the Valley         | 2  | 00/2 4 00  |
| Violets                    | 50 | 2 75       |
| Smilax                     | 12 | 00/2 16 00 |

| ST. LOUIS, Feb. 1.        |    | Per 100    |
|---------------------------|----|------------|
| Roses, Beauty, long stems | 30 | 00/2 40 00 |
| " " medium stems          | 8  | 00/2 10 00 |
| " " short stems           | 2  | 00/2 4 00  |
| " " Bride, Bridesmaid     | 5  | 00/2 8 00  |
| " " Killarney             | 5  | 00/2 8 00  |
| " " My Maryland           | 5  | 00/2 8 00  |
| " " Richmond              | 5  | 00/2 8 00  |
| Carnations                | 4  | 00/2 5 00  |
| Easter Lilies             | 12 | 50/2 15 00 |
| Valley                    | 4  | 00/2 1 00  |
| Adiantum                  | 1  | 00/2 1 25  |
| Asparagus                 | 2  | 00/2 3 00  |

| CINCINNATI, Feb. 1.   |      | Per doz.   |
|-----------------------|------|------------|
| Roses, Beauty         | 1.00 | @ 6 00     |
| " " Bride, Bridesmaid | 2.00 | @ 8 00     |
| " " Golden Gate       | 2.00 | @ 8 00     |
| " " Killarney         | 2.00 | @ 6 00     |
| " " Richmond          | 2.00 | @ 8 00     |
| " " Pres. Taft        | 3.00 | @ 8 00     |
| Carnations            | 3.00 | @ 4 00     |
| Callas                | 10   | @ 10 00    |
| Hyacinths, Roman      | 2    | @ 07 50    |
| Lilium Longiflorum    | 12   | @ 08 15 00 |
| Narcissus Paper White | 3    | @ 09 40    |
| Lily of the Valley    | 3    | @ 06 40    |
| Sweet Peas            | 10   | @ 75 00    |
| Violets               | 7    | @ 75 00    |
| Adiantum              | 1    | @ 00 15 00 |
| Asparagus Plumosus    | 25   | @ 25 00    |
| Hyacinths             | 25   | @ 25 00    |
| Asparagus Sprengerii  | 25   | @ 25 00    |

| MILWAUKEE, Feb. 1.      |      | Per doz. |
|-------------------------|------|----------|
| Roses, Beauty           | 1.50 | @ 25 00  |
| " " Bride               | 4.00 | @ 10 00  |
| " " Killarney           | 4.00 | @ 12 00  |
| " " Richmond            | 4.00 | @ 12 00  |
| Carnations              | 2.00 | @ 5 00   |
| Lilium Giganteum        | 2.00 | @ 10 00  |
| Lily of the Valley      | 4.00 | @ 00 00  |
| Paper Whites and Romans | 3.00 | @ 00 00  |
| Stevia                  | 2.00 | @ 00 00  |
| Tulips                  | 2.00 | @ 00 00  |
| Violets                 | 750  | @ 00 00  |
| Adiantum                | 1.50 | @ 00 00  |
| Asparagus               | 50   | @ 00 00  |
| " " Plumosus, per bunch | 35   | @ 00 00  |
| " " Sprengerii          | 35   | @ 00 00  |
| Boxwood                 | 2.00 | @ 00 00  |
| Ferns, Fancy            | 2.00 | @ 00 00  |
| Galax                   | 1.50 | @ 00 00  |
| Smilax                  | 1.75 | @ 00 00  |
| Wild Smilax             | 5.00 | @ 00 00  |



## New York.

## A SATISFACTORY MARKET.

The cut flower business is running along quite smoothly these days, stock is not too plentiful, prices are averaging fairly well and, excepting perhaps, those who buy stock for speculative purposes, everybody is content, and how rarely does such a condition prevail in this market? All the varieties of roses that are coming in are clearing out quite satisfactorily. There was a day or two in the middle of last week when the weather was decidedly unpropitious, that they dragged a little, and which tended to reduce the averages for the week. Aside from that, roses have done well and Killarney is assuredly the favorite over all other roses. Demands for carnations are keeping fairly even with the supply, prices holding quite steady. Violets, while not realizing fancy prices at all, manage to clean out at some figure or other. Single varieties are, we believe, making slightly better averages than the double varieties. Lilies are getting rather more plentiful and are selling just a trifle cheaper than they were. Callas are suffering no depreciation in value as yet. Tulips are plentiful but they sell out fairly well, with little change in values. Narcissus, white and yellow both, are meeting with fair demand. Gardenias are somewhat scarce as yet. Orchids are plentiful enough for what demand there is, second grade flowers are offered at extremely low figures. Lily of the valley is a rather unsatisfactory proposition, the demand is erratic. Sweet peas are, if anything, not quite so numerous as they were one week ago and sell fairly well. Lilacs are more plentiful; some of it coming in now is very good, indeed. Cut branches of forsythia are a feature in some of the stores. Pansies, forget-me-not, snapdragon, wall flowers and marguerites are all coming in regularly. Asparagus and adiantum are all available in quantities; in fact, the smilax continues to be a little too plentiful for the regular demand and accumulates to quite an extent.

## NOTES.

The many friends of Wm. Amos, one of the most prominent men of the Cut Flower Exchange since its inception, will hear with regret of the death of his son, Wm. Amos, Jr., after a short illness. The funeral took place January 29, interment being in Mount Olivet cemetery. Mr. Amos was 39 years of age and leaves a wife and five children. Almost five years ago the father relinquished the greenhouse establishment at Woodside to his son, who has just died, and since then has resided in Amityville, N. Y.

Abram's, a Brooklyn retailer who for over twenty years has had a stand in the neighborhood of Hoyt and Fulton street, assumed control of the plant and flower departments of the Abraham & Strauss department store on February 1. Weir's have had charge of these for a few years.

A stockholders' meeting of the Greater New York Florists' Association will be held February 6. Manager Crawbuck reports that the past year has been a most prosperous one for the association, and that at the annual meeting a ten per cent dividend will be declared.

Chas. Trepel is home again from a vacation trip spent in the northwest. We understand that in the near future Mr. Trepel will establish a plant and flower department in the Gimbel store similar to those he is now operating in Loeser's and Bloomingdale's.

The retail business at Seventy-third street and Lexington avenue, long known under the firm name of J. B. Nugent & Son, is being moved to 789 Madison avenue. A consolidation of the Nugent brothers has been made

and hereafter the firm name will be Young & Nugent.

R. E. Savage, Broadway, near Eighty-fifth street, has been showing many tastefully arranged baskets of bulbous flowers lately. Cattleyas and gardenias were also conspicuous in their window arrangements.

Lappos Bros., Ninety-third street and Broadway, report business with them very good this season. They have been in this vicinity for almost twenty-five years and have built up quite an extensive trade.

The Rosemary Flower Shop, Ninety-first street and Broadway, although opened but about four months ago, is meeting with a good measure of success and the owners are much encouraged with business results so far.

The Boulevard Floral Co., Broadway, near Eighty-eighth street, is showing very attractive windows of flowering plants. This firm has been located here during the last twelve years.

Chairman J. Lewich, of the outing committee of the Florists' Club, has called a meeting of the committee for 7 p. m. in the club rooms on the night of the next meeting, February 13.

A. L. Fortunes, for fifteen years a collector and dealer in florists' greens at New Haven, Conn., has opened a store for the sale of hardy ferns, etc., at 93 Broadway, Brooklyn.

The stock and fixtures of The Boston Florist, corner Thirty-fourth street and Fifth avenue, was sold January 30 by order of a marshal in execution of a judgment.

In the show window of The Smart Set, Broadway, near Eighty-third street, a large vase of the new rose Melody was a special feature one day this week.

The third annual dinner of the New York and New Jersey Association of Plant Growers was held in the Cafe Martin, Thursday evening, February 2.

Kessler Bros., wholesale plantmen and florists, are handling some extremely good specimens of bougainvillea and double flowering cherries.

Ordonez Bros., retailers, have moved from 825 to 900 Sixth avenue, where they have much more commodious quarters than formerly.

Hoffmeier, Broadway, near Eighty-seventh street, is featuring spring flowers quite extensively in his window displays.

A. Moltz & Co., wholesale florists, have added two new telephones to their establishments, a sure sign of progress.

A directors' meeting of the Cut Flower Exchange will be held Saturday, February 4.

Phil. Kessler is home again from a pleasant trip to Bermuda.

Visitor: H. C. Geiger, of the Florex Gardens, North Wales, Pa.

## Washington.

## BUSINESS EXCEPTIONALLY GOOD.

The business of the past week was exceptionally good. There were many elaborate decorations for dinners, balls and luncheons and an enormous amount of fine stock was used. Although January weather has been much more favorable to growers than the closing weeks of the past year, there is yet a shortage of good tea roses and carnations. Tulips and narcissus are now in good supply and help out well in the shortage of roses and carnations. There are also many good flowering azaleas, which in some instances are broken up and used in dinner decorations. There is nothing doing here on "carnation symposiums," excepting that the crimson varieties go slow. All good pink and white carnations sell well. There are many fine single violets in the market and they seem to be preferred to the double varieties.

**Charles Weiss & Sons**  
127 West 28th St. NEW YORK  
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**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

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**A. MOLTZ & COMPANY,**

**WHOLESALE FLORISTS**

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Have changed their Telephone Number to

Madison Sq. 617 & 618

**U S Budlong's**  
**E Blue Ribbon Valley.**

On January 28 the A. Gude & Bro. Co. received from the Greenhouses 146,000 Princess of Wales violets. In addition to the large number they used in their retail trade they were able to supply a number of the other retailers. They also supply the local trade with many fine American Beauty roses and gardenias.

A notable feature of F. H. Kramer's F street store is the conservatory in the rear where he keeps a splendid stock of flowering and foliage plants. A fire in the store on the afternoon of January 21 caused a loss of about \$1,000.

George Field, the veteran orchid grower of this city, is rapidly recovering from a severe attack of rheumatism. It may here be mentioned that it is to Mr. Field that the trade is indebted for the American Beauty rose.

Alex. B. Garden, the well known grower, is showing exceptionally fine stock of Killarney roses, carnations and Yellow Prince tulips. His range is now in the best of shape and he is preparing some surprises for Easter.

During the past week J. H. Small & Sons have been very busy with elaborate decorations for social events. Their calls have been so numerous that it is impossible to here state them in detail.

Robert Bowdler, who has two stands in the Center Market which are well managed by his sons, has been sending in a great variety of flowering plants and cut flowers.

A. F. F.

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NEW YORK

WASHINGTON

**S. S. Pennock-Meehan Co.**

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Everything in Cut Flowers.

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Everything in Supplies



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Wholesale Commission Florists and Dealers in Florists' Supplies.

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3643  
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Main.

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**Charles Millang**

WHOLESALE FLORIST

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We can  
Please you.Roses, Carnations and all kinds of  
Seasonable Flowers in Stock.**WM. F. KASTING CO.**  
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**BUFFALO N. Y.**  
Florists' Supplies and Wire Designs.**August Millang**

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Open for Cut Flower Sales at 6  
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Desirable Wall Space to Rent for Advertising.

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**P. J. SMITH,**Are the best product of the best growers  
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Adiantum Crolemeum sold here exclusively.

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PHONES 1664  
1665 Madison Sq.

Consignments Solicited

**Wholesale Flower Markets**

NEW YORK, Feb. 1.

|                               |                |       |
|-------------------------------|----------------|-------|
| Roses, Beauty, special.       | 25 00          | 50 00 |
| extra and fancy               | 10 00          | 20 00 |
| " No. 1 and No. 2.            | 4 00           | 5 00  |
| " Bride, Bridesmaid, special. | 10 00          | 12 00 |
| extra and fancy               | 6 00           | 8 00  |
| " No. 1 and No. 2.            | 3 00           | 6 00  |
| " Killarney, My Mary, special | 10 00          | 12 00 |
| extra and fancy.              | 6 00           | 8 00  |
| " No. 1 and No. 2.            | 3 00           | 6 00  |
| " Richmond                    | 3 00           | 4 00  |
| Carnations                    | 3 00           | 5 00  |
| Callas                        | 10 00          | 12 00 |
| Cattleyas                     | 25 00          | 50 00 |
| Gardenias                     | per doz. 2 00  | 2 50  |
| Lilium Longiflorum            | 1 00           | 10 00 |
| Lily of the Valley            | 1 00           | 3 00  |
| Narcissus P. White            | 1 25           | 1 50  |
| " Yellow                      | 2 00           | 5 00  |
| Roman Hyacinths               | 1 25           | 1 50  |
| Sweet Peas                    | per doz. bchs. | 25 00 |
| Tulips                        | 2 00           | 4 00  |
| Violets                       | 25 00          | 50 00 |

BUFFALO, Feb. 1.

|                              |           |        |
|------------------------------|-----------|--------|
| Roses, Beauty, special.      | 40 00     | 50 00  |
| extra fancy                  | 3 00      | 20 00  |
| " No. 1                      | 20 00     | 25 00  |
| " No. 2                      | 10 00     | 15 00  |
| " Bride, Bridesmaid, special | 5 00      | 7 00   |
| " Killarney, White and Pink  | 6 00      | 15 00  |
| Carnations                   | 2 00      | 4 00   |
| Callas                       | 12 00     | 15 00  |
| Double Von Sion              | 3 00      | 4 00   |
| Proscas                      | 3 00      | 4 00   |
| Lilium Longiflorum           | 12 00     | 15 00  |
| Lilium Speciosum             | 4 00      | 6 00   |
| Lily of the Valley           | 3 00      | 4 00   |
| Mignonette                   | 3 00      | 4 00   |
| Narcissus Paper Whites       | 2 00      | 3 00   |
| Stevia                       | 1 00      | 1 25   |
| Sweet Peas                   | 75 00     | 1 00   |
| Trumpet Major                | 3 00      | 4 00   |
| Violets                      | 50 00     | 75 00  |
| Adiantum Crolemeum           | 75 00     | 1 50   |
| Asparagus per bunch          | 35 00     | 50 00  |
| Asparagus Sprenger           | 35 00     | 50 00  |
| Asparagus Str.               | 50 00     | 60 00  |
| Ferns                        | per 1000. | \$2 00 |
| Galax, green and bronze      | 1 50      |        |
| Leucothoe Sprays             | 75 00     |        |
| Smilax                       | 15 00     |        |

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All flowers in season. Consignments of first  
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Chrysanthemum Novelties my specialty.

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Phone 2336 Madison. Shipments Everywhere  
Prompt and satisfactory. Consignments solicited  
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## Cut Flower Folding Boxes

Satisfaction Guaranteed.

| Per 100             | Per 100           |
|---------------------|-------------------|
| 18x5x3.....\$1 75   | 24x8x5.....\$3 50 |
| 21x5x3 1/2.....1 85 | 28x8x5.....3 75   |
| 24x5x3 1/2.....2 35 | 30x8x5.....4 50   |
| 28x5x3 1/2.....2 90 | 36x8x5.....5 50   |
| 30x5x3 1/2.....3 00 | 30x12x6.....6 25  |
| 21x8x5.....2 85     | 36x14x6.....7 50  |

## Double Violet Boxes.

|                    |                   |
|--------------------|-------------------|
| 9 x4x4.....\$1 75  | 10x7x6.....\$2 50 |
| 9 1/2x6x5.....2 25 | 12x8x7.....3 00   |

We constantly carry a large assortment of FLORISTS' SUPPLIES and can fill orders at a moment's notice.

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## Special Offer

FOR JANUARY

Green and Violet Tin Foil, best quality  
17c per lb. Plain Tin Foil, 9c per lb.  
Dagger and Fancy Ferns, A No. 1  
quality, \$1.25 per 1000.  
Brilliant Bronze and Green Galax,  
\$1.00 per 1000; \$7.50 per 10,000.  
Boxwood, excellent quality, 16c per lb  
Southern Wild Smilax, \$6 per case.  
Imported Bronze and Green Magnolia,  
\$2.00 per basket.

## Imported Cycas Leaves

Finest Quality.

| Per 100              |
|----------------------|
| 4x8 -inch.....\$2 00 |
| 8x12-inch.....2 50   |
| 12x16-inch.....3 00  |
| 16x20-inch.....3 50  |
| 20x24-inch.....4 00  |
| 24x28-inch.....5 00  |
| 28x32-inch.....6 00  |
| 32x36-inch.....7 00  |
| 36x40-inch.....8 00  |

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## Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
Sphagnum Moss, large bales.....\$1 25; 6 bales, \$7.00. Extra Fine  
Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
Magnollas, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

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Fifteen years' experi-  
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Dagger Ferns also Bronze and Green Galax.

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Dr. W. W. Evans, who recently  
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formerly well and favorably known  
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A. Gude & Bro., is in charge of the  
range. Dr. Evans intends to greatly  
increase his glass area in the spring.  
A. F. F.

HAGERSTOWN, MD.—The sales during  
the holidays were greater than last  
year, reports William Bester. 'The  
prices were the same as last season,  
and while the quality was better, the  
supply was short and the demand good.  
The increase in call for poinsettias and  
flowering plants was noticeable.

## Laurel Wreathing and Sheet Moss

Galax, Leucothoe and Ferns

Shipped to all parts. We are strictly wholesale. 15 years' experience in florist  
business in Chicago. Write for prices to

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Wholesale and Retail Dealers  
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Ferns, Bronze and  
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Can fill all orders, large or small, promptly,  
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Give us a trial. We know we can please you.

Caldwell the Woodsman Co., Evergreen, Ala.

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Perpetuated and Natural Sheet MOSSES

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E. A. BEAVEN,

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50-lb. case

Extra Fine  
SMILAX

\$1.75 per case  
QUALITY GUARANTEED

When in need of extra good Smilax  
in any quantity, write or wire

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Nadawah, Ala.

You can rest assured that all orders  
placed with us will be filled to your entire  
satisfaction.

Unknown customers, satisfactory refer-  
ences or C. O. D.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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WILLS &amp; SEGAR,

Royal Exotic Nursery,

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FLORISTS TO HIS MAJESTY THE KING.

We shall be pleased to carry out commissions from our American conferees to deliver CUT FLOWERS, FLORAL BASKETS, DESIGNS, etc., to any part of Great Britain.

Cablegrams—"FLOSCULO, LONDON."

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Established in 1857.



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2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

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Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

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Orders for cut flowers and designs solicited for delivery in any part of Texas.

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Order your flowers for delivery  
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1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
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that may be entrusted to them

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Regular discount allowed on all orders, either  
Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

Louisville, Ky.

**JACOB SCHULZ,**

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**Young & Nugent**

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To out of town florists  
We are in the Heart o NEW YORK  
And give special attention to steamer and Theater  
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Baer, Julius, 138 E. Fourth St., Cincinnati.  
Bertermann Bros. Co., Indianapolis, Ind.  
Blackstone, 14th and H Sts., Washington.  
Blank, J. B., 60 Kearney St., San Francisco.  
Breimeyer's Sons, John, Detroit, Mich.  
Buckbee, H. W., Rockford, Ill.  
Cleveland Cut Flower Co., The, Cleveland, O.  
Clark's Sons, David, 2139 Broadway, New York.  
Cooke, Geo. H., Washington, D. C.  
Cross, Eli, 25 Monroe, Grand Rapids, Mich.  
Crump, Frank, Colorado Springs, Colo.  
Daniels & Fisher, Denver, Colo.  
Dards, 44th and Madison Ave., New York.  
Dunlop's, 96 Yonge St., Toronto, Can.  
Eyles, I. N., Pearl St., Albany, N. Y.  
Galvin, Thos. F., Inc., 124 Tremont St., Boston.  
Gasser Co., The J. M., Cleveland, O.  
Geny Bros., Nashville, Tenn.  
Grand Rapids Floral Co., Grand Rapids.  
Gude Bros., Washington, D. C.  
Heint & Son, John G., Terre Haute, Ind.  
Hess & Swoboda, 1415 Farum St., Omaha.  
Hoffman, florist, Boston.  
Holm & Olson, St. Paul, Minn.  
Keller Sons, J. B., Rochester, N. Y.  
Kellogg Flower and Plant Co., Geo. M., Kansas City, Mo.

Kirt, Robert, 1725 Chestnut, Philadelphia.  
Lange, A., 44 E. Madison St., Chicago.  
Lapes, J. E., Cedar Rapids, Ia.  
McConnell, Alex., 571 5th Ave., New York.  
Malander Bros., 2094 Broadway, New York.  
May & Co., L. L., St. Paul, Minn.  
Matthews, 16 W. 3rd St., Dayton, O.  
Murray, Sam'l, 913 Grand Ave., Kansas City.  
Myer, Florist, 609 Madison Ave., New York.  
Park Floral Co., The, Denver, Colo.  
Palmer & Son, W. J., 304 Main St., Buffalo.  
Penn, the florist, 43 Broadway, New York.  
Phillips, John V., 272 Fulton St., Brooklyn.  
Pollworth Co., C. C., Milwaukee, Wis.  
Reimers, M. D., 223 S. 4th Ave., Louisville, Ky.  
Rock Flower Co., Wm. L., Kansas City, Mo.  
Schulz, Jacob, 550 S. 4th Ave., Louisville, Ky.  
Shaffer, 14th and I Sts., N. W., Washington.  
Small & Sons, J. H., 1153 Broadway, New York; cor. 14th and G Sts., Washington, D. C.  
Smith Co., A. W., Keenan Bldg., Pittsburg, Pa.  
Smith, Henry, Grand Rapids, Mich.  
Texas Seed and Floral Co., Dallas, Tex.  
Weber, F. H., St. Louis, Mo.  
Walker & Co., P., 834 4th Ave., Louisville, Ky.  
"Wilson," 3 and 5 Greene Ave., Brooklyn, N. Y.  
Wittbold Co., Geo., 737 Buckingham Pl., Chicago.  
Workskill Bros., 216 W. 4th St., Los Angeles, Cal.  
Young's, 1406 Olive St., St. Louis, Mo.  
Young & Nugent, New York

New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan

Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN.

Boston, Mass.



"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

Mention the American Florist when writing

New York.

Established 1849

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones:  
1552-1553 Columbus. Choice Cut Flowers  
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Louisville, Ky.

Established 1880

Orders for delivery in this city and every city  
in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers,  
.....223 S. Fourth Avenue

Mention the American Florist when writing

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**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance 'Phone.

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San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET.

Mention the American Florist when writing

Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut  
Flowers in Iowa and the Middle West.  
Mention the American Florist when writing

Anderson, S. C.

**THE ANDERSON FLORAL CO.**

533 MARSHALL AVE.

Mention the American Florist when writing

Michigan.

Orders will be carefully  
cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

**Artistic Designs.  
High Grade Cut Blooms.**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON  
D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

**FLORAL DESIGNS AND FLOWERS**

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,  
FLORISTS.**

Phones: Home 1388. Cumb. Main 1388 A.  
.....634 Fourth Avenue.

New York.

Established 1874.

**DARDS**

N. E. Corner 44th St.  
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Mention the American Florist when writing

**City Index to Retail Florists  
Filling Telegraph Orders.**

Albany, N. Y.—Eyles, 11 N. Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 50-61 Mass Ave.  
Boston—Penn, the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. Y. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons  
Grand Rapids, Mich.—Eli Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg F & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Gony Bros.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heint & Son.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,  
NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL  
Western Union Code.

Mention the American Florist when writing

Chicago

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**  
304 Main Street.

Members Florists' Telegraph Association.  
Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

St. Paul, Minn.

**HOLM & OLSON,  
ST. PAUL**

The Leading Florists of the Northwest  
Orders will be well cared for anywhere in  
MINNESOTA AND THE DAKOTAS.

Los Angeles, Calif.

**Wolfskill Bros.**  
FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only the **Dunlop's**  
Best 96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L.H. Vaughan, Chicago, New York Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention at Milwaukee, Wis., June 20-22, 1911.

EDW. DUNCAN is again with Wm. Henry Maule, Philadelphia, Pa.

MISS M. W. WILLIAMS, secretary of the Braslan Seed Growers' Co., San Jose, Calif., who was in Chicago for a week, left for the West February 1.

VISITED CHICAGO: Miss M. W. Williams and J. W. Edmundson, of the Braslan Seed Growers' Co., San Jose, Calif.; W. J. Fosgate, Santa Clara, Calif.

SANTA CLARA, CALIF.—The Kimberlin Seed Co. writes January 25 that they have had 10.81 inches of rain in this locality, which should be plenty to assure good crops. In some places the growing crops were damaged by flood.

MISSOURI'S proposed new seed bill (Senate Bill No. 36), if it becomes law, will make life in general very miserable for Missouri seedsmen with its \$1,000 fines and six months' prison penalty. These amateur law-makers are dangerous and should be put in irons. This proposed bill makes it imperative that all containers of seeds displayed in seed stores be branded in large, bold type, "Pure" or "Impure," and year of growth stated.

NEW YORK.—The MacNiff Horticultural Co., 62 Vesey street, are putting in a line of standard seeds and hereafter will do a general seed business in conjunction with their plant auction trade. The head of the company, R. W. MacNiff, was with the Peter Henderson Co. for 13 years, subsequently going to Wm. Elliott & Sons, in whose employ he was for eight years. With such experience, it goes without saying that Mr. MacNiff is fairly conversant with the seed business in all its details and his many friends will wish him all success in his new undertaking. Since commencement last August, his firm's business has been very satisfactory. The seed stores are beginning to feel the effect of spring weather quite materially. Orders are flowing in every day and night work has become necessary so as to keep up with them.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

**SAN JOSE, CALIF.**

W. ATLEE BURPEE, on the occasion of the recent National Board of Trade gathering at Washington, D. C., entertained twenty-one seedsmen and others at breakfast.

CHICAGO.—Prices on the board of trade February 1 for grass seed were noted as follows: Timothy, \$9 to \$10.75 per 100 pounds. White clover, from \$22 to \$30.

### Seed Prices Made at Washington.

While the official announcement has not been given out regarding the awarding of government seed contracts on recent bids, it is understood that the following prices prevailed on leading items mentioned: Onion, 35 cents and some lower, radish 9½ cents, lettuce 15 cents, carrot 16 to 18; also that some bids guaranteed delivery under bond. The above figures were made, it is stated, on both surplus and on new crop seeds.

### National Seed Testing Bureau.

The National Seed Testing and Analytic Bureau, Washington, D. C., has all the work that it can possibly do at the present time. The force of experts was increased recently so as to keep up with the demands made. The management is gratified with the character of samples sent to be analyzed. The purity is much higher than has been generally believed to be the case. In but one sample of clover seed has dodger been found and in that sample only a trace. The seedsmen are having trouble to get redtop grass seed up to standard, but the samples examined by this bureau have been free from adulteration. Europe has made repeated calls on the bureau for analyses. It is believed this bureau is a long step in the direction of aiding the seedsmen in their endeavor to get unadulterated seeds and at the same time a place where correct and unbiased information as to the quality of seeds can be obtained.

### Michigan Bean Jobbers.

The annual meeting of the Michigan Bean Jobbers' Association was held at Detroit, January 25 and 26. It is stated that Michigan grew 6,150,000 bushels of beans last year, easily outranking any other state in this specialty. The retail price of beans everywhere, excepting the selected, hand-picked article, is 10 cents a quart. While the crop was larger than in 1900, in some sections it was badly damaged by rains, so that the amount

of merchantable beans is no greater than a year ago, hence the wholesale price is not apt to show much of a change.

The report of J. A. Heath, of Lenox, president of the association, called attention to experiments that are being made in bean growing whereby the yield is greatly increased. The use of fertilizer was commended and Mr. Heath told of a farmer in Macomb county who by careful study and practice had increased the yield from 13 to 22 bushels to the acre. He thought the agricultural college should make extensive experiments along this line, for an increase of five bushels to the acre will mean \$4,000,000 more for the farmers each year.

V. P. Cash, of Riverdale, secretary of the association, said that eight years ago beans brought from \$1.25 to \$1.50, and during the last two years the price paid the farmers was fully 50 cents a bushel more than that. Judicious advertising has caused the people to eat beans and with the increased demand the price has advanced. Without organization this never would have been. There was an attendance of about 150. Chas. A. Heath, of the Albert Dickinson Co., Chicago, was among the speakers.

### Catalogues Received.

Fred Grohe, Santa Rosa, Calif., seeds; Royal Palm Nurseries, Oneco, Fla., plants; J. M. Thorburn & Co., New York, seeds; E. E. Stewart, Rivers Junction, Mich., gladioli; The Connors Floral Co., Hamilton, Ont., plants; T. R. Watson, Plymouth, Mass., nursery stock; Green's Nursery Co., Rochester, N. Y., nursery stock; Berrydale Experiment Gardens, Holland, Mich., berry plants; The Geo. H. Mellen Co., Springfield, Ohio, plants; G. H. Hunkel Co., Milwaukee, Wis., seeds; Morris & Snow Seed Co., Los Angeles, Calif., seeds; Wm. Elliott & Sons, New York, seeds; Vick & Hill Co., Rochester, N. Y., aster seeds; German Nurseries & Seed House, Beatrice, Neb., seeds; Weeber & Don, New York, seeds; W. Atlee Burpee & Co., Philadelphia, Pa., seeds.

E. Neubert, Wandsbek bei Hamburg, Germany, plants; Max Kornacker, Wehrden, Germany, seeds; E. Turbat & Co., Orleans, France, roses and nursery stock; W. W. Johnson & Son, Boston, Eng., seeds; Van Zanten Bros., Hillegom, Holland, bulbs; Nonne & Hoepker, Ahrensburg bei Hamburg, Germany, seeds; Friedr. C. Pomrencke, Altona-Hamburg, Germany, seeds; Dammann & Co., San Giovanni a Teduccio, near Naples, Italy, seeds and bulbs; Carl Beck & Co., Quedlinburg, Germany, seeds; Arpad Muhle, Temesvar, Germany, seeds.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

# Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

**Alfred J. Brown Seed Co.**  
Grand Rapids, Mich.



## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

Mention the American Florist when writing

**Florists and Seedsmen. Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and Square Deal Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."

J. B. GILIANO & SON, Importers and Wholesalers  
(Established for 92 years) Baltimore, Md.

Mention the American Florist when writing

## ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**  
Mention the American Florist when writing

## Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

CHR. OLSEN, Wholesale Seed Grower, Odense, Denmark.  
(Established 1862) in order to have your name placed on my mailing list.

—FOR—

## SEEDS

OF ALL KINDS APPLY TO

W. W. JOHNSON & SON, Limited,  
Boston, England.

Seed Sterilization.

In a recent bulletin on seed sterilization and its effect on seed inoculation by T. R. Robinson, of the Bureau of Plant Industry, the following conclusions are reached:

As a preliminary to legume-inoculation experiments, seed disinfection should be practiced with special precaution.

Some method of treatment to eliminate chance contamination with the nodule organism is advisable in experiments where extremely accurate checks are necessary.

The usual methods of disinfection employing metallic poisons, such as mercuric chloride, are objectionable, it having been shown that these poisons cling to seeds even after they have been rinsed in amounts sufficient to be harmful and often fatal to organisms placed on the seeds for inoculation.

Hydrogen peroxide has been found to be effective in eliminating bacterial contamination, and its residual effect is much less harmful than that of the other disinfectants tested.

## OREGON GROWN ASTER SEED

Yamhill Co., Oregon is the natural home of the Aster, and any one desiring seed OF HIGH GRADE COMMERCIAL QUALITY will do well to try our seed for 1911. Ask for our new descriptive booklet.

CREGO ASTER SEED, pink, shell pink, white or purple ..... Tr. pkt. 25c; 4 pkts. 75c; oz., \$4.00  
VICK'S ROCHESTER, lavender pink ..... Tr. pkt. 25c; 4 pkts. 75c; oz., 4.00  
LADY ROOSEVELT, bright pink ..... Tr. pkt. 20c; 4 pkts. 60c; oz., 3.00

**HERBERT & FLEISHAUER, Aster Specialists, McMinnville, Oregon**

Special prices to seedsmen. Contracts taken for 1911.

Mention the American Florist when writing

## ASTER SEED

Do not forget to try Smith's Peerless white and pink, the best strain known. We also have many of the standard varieties in early, mid-season and late. Write for catalogue with prices.

**ELMER D. SMITH & CO., Adrian, Mich.**

Mention the American Florist when writing

## The Crego Aster

"The Best in the Market." In white, shell pink, rose pink and violet-blue. The latter new this year. Buy direct from the originator and get the best. 1/4-oz. \$1; 1/2-oz. \$2; 1-oz. \$4; cash with order. Full instructions for growing with each order for 1/4-ounce or more.

**G. S. CREGO, 736 East Main St., Portland, Oregon.**

Mention the American Florist when writing

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
PEDRICKTOWN, N. J.

Mention the American Florist when writing

## J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.

Branches: Michigan and Wisconsin. **MILFORD, CONN.**

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## Onion Seed -- On on Sets

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

**Schilder Bros., Chillicothe, O.**

ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.,  
Telephone 4235 Gramercy.



## Tuberous Begonias

|                                |               |         |
|--------------------------------|---------------|---------|
| Single                         | Scarlet ..... | Per 100 |
|                                | White .....   | \$2 50  |
|                                | Pink .....    | 2 50    |
|                                | Yellow .....  | 2 50    |
| Doubles, colors as above ..... |               | 4 50    |

## LILY OF THE VALLEY

|                                     |          |
|-------------------------------------|----------|
| Premium, dormant .....              | Per 1000 |
| International, dormant .....        | \$12 00  |
| London Market (storage stock) ..... | 14 00    |

## Lilium Longiflorum (Multis)

|                      |             |         |
|----------------------|-------------|---------|
| 7 to 9 inches .....  | No. in Case | Per 100 |
| 9 to 10 inches ..... | 300         | \$5 00  |
|                      | 200         | 7 00    |

## Lilium Giganteum

|                      |             |         |
|----------------------|-------------|---------|
| 7 to 9 inches .....  | No. in Case | Per 100 |
| 9 to 10 inches ..... | 200         | \$6 75  |
|                      | 200         | 9 75    |

## Lilium Auratum

|                       |             |         |
|-----------------------|-------------|---------|
| 8 to 9 inches .....   | No. in case | Per 100 |
| 9 to 11 inches .....  | 225         | \$ 5 50 |
| 11 to 12 inches ..... | 125         | 8 50    |
|                       | 75          | 14 00   |

## Lilium Speciosum Rubrum

|                       |             |         |
|-----------------------|-------------|---------|
| 8 to 9 inches .....   | No. in case | Per 100 |
| 9 to 11 inches .....  | 225         | \$ 4 75 |
| 11 to 12 inches ..... | 100         | 13 00   |

## Lilium Speciosum Album

|                      |             |         |
|----------------------|-------------|---------|
| 8 to 9 inches .....  | No. in case | Per 100 |
| 9 to 11 inches ..... | 225         | \$ 7 50 |
|                      | 125         | 10 00   |

## TUBEROSES

|                             |          |
|-----------------------------|----------|
| Dwarf Pearl, 1st size ..... | Per 1000 |
|                             | \$8 00   |

## GLADIOLUS

|                           |         |          |
|---------------------------|---------|----------|
| Princes .....             | Per 100 | Per 1000 |
| Mrs. Francis King, 1st .. | \$11 00 | \$23 00  |
| 2nd ..                    | 2 25    | 18 00    |
| Augusta 1st size .....    | 1 85    | 16 00    |
| 2nd size .....            | 1 75    | 13 00    |
| America, 1st size .....   | 3 75    | 33 00    |
| 2nd size .....            | 3 25    | 27 00    |

**Vaughan's See Store,**  
CHICAGO.



# Onion Sets

Carlots or Less.

We can save you some money on Onion Sets, write or wire us for prices and samples stating quantity and colors you want.

**ALBERT CROLL & CO.**

Shippers of Fruits, Vegetables and Produce,  
193 South Water Street, CHICAGO.

CHOICE GERMAN

## FLOWER SEEDS

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

**FREDERICK ROEMER,**

Seed Grower, QUEBLINBURG, GERMANY.

## Asparagus Plumosus Nanus

GREENHOUSE GROWN SEED

DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

**A. HENDERSON & CO.,**  
51 Wabash Ave., CHICAGO.

## John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas, Tomatoes, Lima Beans, Lettuce, Asters, Cosmos and other Flower Seeds.

Imports.

During the week ending December 24, imports were received at New York as follows:

McHutchison & Co., 598 cases lily of the valley pips, 21 cases plants.  
H. Frank Darrow, 164 packages and 19 bags seed, 69 packages and 53 cases lily of the valley pips, seven cases plants.

Wm. Hagemann & Co., 144 cases lily of the valley pips.

Henry Nungesser & Co., 97 bags and 63 barrels seed.

J. M. Thorburn & Co., 38 cases lily of the valley pips, 19 bags, 6 packages and one case seed.

Weeber & Don, 34 bags manure.

A. T. Boddington, 27 bags manure, seven packages seed.

Aug. Rolker & Son, 22 cases plants.

P. Ouwerkerk, 13 cases trees.

Vaughan's Seed Store, nine bags seed.

Reed & Keller, five packages moss.

H. H. Berger & Co., three cases plants.

Stump & Walter Co., two bags seed.

Burnett Bros., one case seed.

To others: 3,057 bags, 2,405 packages, 417 barrels, 46 casks and 11 cases seed, 901 cases and 31 packages lily of the valley pips, 15 cases, three packages and two barrels plants, 12 cases bulbs and plants.

During the week ending December 31, imports were received at New York as follows:

H. Frank Darrow, 279 packages seed, two cases trees and one case plants.

J. M. Thorburn & Co., 176 bags, 102 packages and two cases seed.

Peter Henderson & Co., 176 bags seed, three cases bulbs.

Henry Nungesser & Co., 170 bags seed.

McHutchison & Co., 103 cases lily of the valley pips, 76 cases trees, 20 cases shrubs, five cases plants.

P. Ouwerkerk, 14 cases trees.

Aug. Rolker & Son, 14 cases plants.

Vaughan's Seed Store, 12 cases roots, seven packages and two cases

## Vaughan's Ferns are Unexcelled

We are headquarters and have the finest stock in the West.

### BOSTON FERNS

| Pots      | Each   | Doz.    | 100     |
|-----------|--------|---------|---------|
| 2 1/2 in. | \$0.10 | \$ 0.75 | \$ 5.00 |
| 3 in.     | .15    | 1.25    | 8.00    |
| 4 in.     | .25    | 2.50    | 20.00   |
| 5 in.     | .40    | 4.00    | 35.00   |
| 6 in.     | .75    | 10.00   | 60.00   |
| 7 in.     | 1.00   | 10.00   | 75.00   |
| 8 in.     | 1.25   | 14.00   | 100.00  |
| 10 in.    | 2.50   | 20.00   | each    |

### HARRIS BOSTON

| Pots   | Each   | Doz.    | 100      |
|--------|--------|---------|----------|
| 4 in.  | \$0.40 | \$ 4.00 | \$ 35.00 |
| 5 in.  | .70    | 8.00    |          |
| 7 in.  | 1.25   | 12.00   |          |
| 8 in.  | 2.00   | 22.00   |          |
| 10 in. | 3.00   |         |          |

### WHITMANI

| Pots      | Each   | Doz.    | 100     |
|-----------|--------|---------|---------|
| 2 in.     | \$0.10 | \$ 0.75 | \$ 5.00 |
| 2 1/2 in. | .15    | 1.25    | 6.00    |
| 3 in.     | .20    | 2.00    | 10.00   |
| 4 in.     | .35    | 3.50    |         |
| 5 in.     | .60    | 5.50    |         |
| 6 in.     | .80    | 8.50    |         |
| 7 in.     | 1.00   | 10.00   |         |
| 10 in.    | 3.00   |         |         |

### ASPARAGUS SPRENGERI

|           | Doz.   | 100    | 1000    |
|-----------|--------|--------|---------|
| 2 1/2 in. | \$0.50 | \$3.00 | \$25.00 |
| 3 in.     | .75    | 5.00   |         |
| 4 in.     | 1.50   | 10.00  |         |

### ASPARAGUS PLUMOSUS NANUS

|                      | Doz.   | 100     | 1000    |
|----------------------|--------|---------|---------|
| Seedlings from flats |        | \$ 1.50 | \$14.00 |
| 2 in.                | \$0.50 | 3.00    | 25.00   |
| 2 1/2 in.            | .75    | 4.50    | 40.00   |
| 3 in.                | 1.00   | 7.00    | 65.00   |
| 4 in.                | 1.50   | 12.00   | 100.00  |

### Small Ferns for Dishes

Our selection of varieties, Per 100, \$3.00 Per 1000, \$25.00

Prices are f. o. b. Western Springs, Ill.

## Vaughan's Seed Store,

Greenhouses, Trial Grounds and Nurseries, Western Springs, Illinois.

## Henry Fish Seed Co.

### Bean Growers

For the Wholesale Seed Trade.

### CARPINTERIA, CALIF.



## H. WREDE, LUNENBURG, GERMANY PANSY SEED

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed... \$25  
1 oz. \$2.25

Price list on application. Cash with order

### Monrovia 'Mums...

Strong, 2 1/2 in. plants \$2.00 per 100

Dracacena Indivisa, 3 in. \$5.00 per 100  
Extra strong Boston and Whitmani Ferns, 4 in.  
\$2.00 per dozen

100,000 Cannas, True to Name.

Write for price list.

**W. W. COLES, Kokomo, Ind.**

seed, five cases trees, three barrels lily of the valley pips, two cases shrubs, one case plants.

S. D. Woodruff & Sons, eight bags seed.

Wm. Hagemann & Co., five cases lily of the valley pips.

Weeber & Don, four bags and one barrel seed.

Stump & Walter Co., two bags seed, two cases bulbs.

To others: 3,637 bags, 1,207 packages, 697 barrels and 13 cases seed;

310 cases, three packages, two barrels, two boxes, one bundle and one crate plants; 210 cases lily of the valley

## BLOOMING PLANTS

Azaleas, \$1.00 and \$1.25. Cyclamen, at 7 1/2 for 3 in.; 4 in., at 15c; 5 in., at 25c. Souper Roses, in 3 1/2 in. pots, in bud and bloom, at 12 1/2c.  
Primroses, 3 in., at 7 1/2c; 4 in., 10c; Obconica, at same price.

We have a few Jerusalem Cherries for Washington's birthday, in 4 in., at 15c. Celestial Peppers, which we will close out, 3 in., at 5c; 4 in., at 10c.

We also offer a large lot of 2 1/2 in. Flowering Begonias at \$2.50 per 100; 3 in., at \$5.00.

This is a cut to make room, and will last for one week only.

## PLANTS FOR EASTER

We shall have Azaleas, Lilies, Hydrangeas, Baby Rambler and Hermosa Roses, Cyclamen, Primroses, Cinerarias and all kinds of Bulb Stock. We shall be glad to hear from you about anything you may want.

In Ferns, while we have issued a new price list, we will need room, and if you are interested in Whitmani, 2 1/2 in., to 8 in., or Bostons, and will write us, we will make you a special price.

In Soft Wooded Plants we can give you a very large lot of Geraniums, in S. A. Nutt and other reds and some whites, at \$3.50 for the 2 1/2 in. and \$5.00 for the 3 in.

## GEO. A. KUHL,

Wholesale Grower, PEKIN, ILL.

Mention the American Florist when writing

## FUCHSIAS

Little Beauty, Lord Byron, Tenner / Strong 2 1/2 in. White Beauty, E. Reman. \$4.00 per 100.

**Skidelsky & Irwin Co.**

1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

Mention the American Florist when writing

pips, 83 cases trees, 24 cases bulbs, six cases trees and shrubs, three barrels and one case shrubs, one box orchids.

# Dreer's Seasonable Bulbs

The Begonias and Gloxinias we handle are produced for us by a specialist of many years' experience. You can buy cheaper, but not better stock.

## TUBEROUS BEGONIAS

Single In Separate Colors. Scarlet, Crimson, Rose, White, Yellow and Orange, 40c per doz.: \$2.50 per 100; \$22.50 per 1000.  
 Single In Choicest Mixture. 30c per doz.: \$2.25 per 100; \$20.00 per 1000.  
 Doubles In Separate Colors. Scarlet, Rose, White and Yellow, 60c per doz.: \$4.50 per 100; \$40.00 per 1000.  
 Doubles In Choicest Mixture, 50c per doz.: \$4.00 per 100; \$35.00 per 1000.  
 Frilled In Separate Colors. Scarlet, White, Pink and Yellow. These have wavy and frilled petals like some of the newer Petunias, \$1.00 per doz.: \$7.00 per 100; \$60.00 per 1000.  
 Duke Zeppelin. Rich scarlet 85c per doz.: \$6.00 per 100.  
 Frau Helene Barmes. New yellow, \$2.00 per doz.  
 Lalayette. Crimson-scarlet, \$1.50 per doz.: \$10.00 per 100.

## GLOXINIAS

Choicest Mixture, or in Separate Colors, as Blue, Red, White, Red with white edge, and Blue with white edge, 60c per doz.: \$3.50 per 100; \$30.00 per 1000.  
 New Emperor (Gloxinia Hybrid Imperialis). A new type, a cross between Sinigia Regina and the best types of Hybrid Gloxinias. This not only covers a full range of colors as in the ordinary type of Gloxinia, but the foliage also is very ornamental, the leaves being of a rich bronzy red color, with strong projecting white veins. The flowers all stand erect, thus showing to best advantage. We offer in choice mixture, \$1.25 per doz.: \$8.00 per 100.

## FANCY LEAVED CALADIUMS

We have the largest stock in the world. Over 400 varieties, including not only all the good standard sorts, but many new varieties never offered in quantity before.

This is one of the most valuable plants for decoration of the florists' store window during the summer months, and during recent years we have sold many thousands for this purpose. We especially recommend the choice rare and new varieties at \$15.00 per 100 for this purpose.

We offer special selections according to variety as follows:

Choice Standard Varieties. The finest collection ever offered at the price, \$1.75 per doz.: \$12.00 per 100; \$100.00 per 1000.  
 Choice Rare and New Varieties. A splendid assortment, especially valuable for the retail florist, \$2.25 per doz.: \$15.00 per 100; \$140.00 per 1000.  
 Rare New Varieties. The most recent introductions, \$3.50 per doz.: \$25.00 per 100.  
 Choice Mixture, \$1.50 per doz.: \$10.00 per 100; \$90.00 per 1000.

Gladiolus, Tuberoses, Ismene, Montbretias, Tigridias and other Summer Flowering Bulbs are offered in our **QUARTERLY WHOLESALE LIST**, and also a full list of Seasonable Plants, Seeds, etc. Write for it if you have not already received a copy. **THE ABOVE PRICES FOR THE TRADE ONLY.**

**HENRY A. DREER, Inc.,** 714 Chestnut Street, Philadelphia, Pa.

## GLADIOLUS

Cinnamon Vines, Madeira Vines, Lillies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

**E. S. MILLER,** Wading River, N.Y.

## BEGONIAS

Flowering Kind

Rooted cuttings, \$1.75 per 100.

Express paid.

**S. D. BRANT,** Clay Center, Kans.

## SOFT WOODED PLANTS

We have rooted cuttings and 2½-in. of Ageratum, Alternanthera, Achyranthus, Myssum, Begonia Coleus, Daisies, Feverfew, Fuchsias, Heliotrope, Impatiens Sultan, Lantana, Lobelia, Moonvines, Petunias, Salvia, Santolina, Verbenas, Vincas, etc. Write us your wants.

**GEO. A. KUHLE,**

Wholesale Grower, PEKIN, ILL.

Edgebrook, Ill.

At the Geo. Wittbold Co.'s greenhouse plant consisting of 70,000 square feet of glass the stock is in splendid condition. There are 15,000 lilies giganteum, multiflorum and formosum doing finely and some magnificent blooms are being cut. In carnations all the leading varieties are grown, including Dorothy Gordon, which is certainly very fine. A new novelty in carnations, a scarlet sport of Harlowarden, looks very promising, having a very strong stem with a fair sized bloom. A large number of gladiolus are being forced, principally Francis King, Blushing Bride and Peach Blossom.

## Vaughan's Choice Cannas

If you want the best to be had in Cannas, Buy of Vaughan's Seed Store.

We have a choice stock of the cream of the Cannas being offered in the market today. Our stock is home-grown and conscientiously tried until it is in every way superior. You can make no mistake by buying here, and let us impress you with the advisability of **buying early.**

Write today for prices on dry roots.

**Vaughan's Seed Store,** CHICAGO, NEW YORK.

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1877.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettices, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼-oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

som. Dahlias are also being started from which to take rooted cuttings for the spring trade. In addition to this range of glass this firm has 80 acres of land devoted to growing of nursery stock which is under the supervision of Otto Wittbold, the capable and hustling superintendent.

AKRON, O.—Kenna Yoder has purchased a large farm near this city and will erect a large greenhouse.

HOLYOKE, MASS.—Gallivan Bros. have purchased a farm at Smith's Ferry and will grow flowers to supply their increasing trade.



## Market Gardeners

Greenhouse Vegetable Growers and  
Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
S. W. Severance, 505 Illinois Life  
Building, Louisville, Ky., Secretary; M. L.  
Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, January 28.—Mushrooms, 50 cents per pound; cucumbers, 15 cents each; lettuce, \$1.50 per dozen heads; tomatoes, 30 cents per pound; radishes, 85 cents per dozen bunches; asparagus, \$7 per dozen bunches; rhubarb, 75 cents per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 35 cents per quart.

Chicago, January 30.—Mushrooms, 15 cents per pound; cucumbers, \$1.40 to \$1.50 per dozen; lettuce, 30 cents per pound; radishes, 15 cents to 45 cents per dozen bunches; rhubarb, 50 cents to 60 cents per dozen bunches.

### Stockton, Calif.

George Shima, a wealthy Japanese farmer, heralded throughout this section of the state as the "potato king," has cleared another fortune off his tracts of reclaimed land in the famous San Joaquin delta region just west of this city, his net profits being estimated at \$200,000.

Shima farmed 4,000 acres this year, practically all of which he planted in potatoes. Off the 4,000 acres he harvested 500,000 sacks of tubers which have sold as high as \$1.25 a sack. The estimated cost of producing the potatoes is 70 cents a sack. The potato king has disposed of all his crop save between 80,000 and 90,000 sacks, and if the market continues to rise his profits may exceed \$200,000.

This is Shima's seventh successful year as a potato grower. He has been in the business for many years, the first two seasons having come out even. He lost money several years ago but his profits in the long run have wiped out his losses and made him rich.

Shima has potato raising down to a science and employs an army of laborers. His launches and potato barges ply between Stockton and his island tracts daily. Some time ago he had an elegant home built in Berkeley and engaged a tutor to educate his children.

### Market Gardeners and Truck Gardeners.

The lecture delivered by Prof. L. C. Corbett of the Department of Agriculture, Washington, D. C., before the Massachusetts Horticultural Society, January 28, on "New England Market Gardeners and their competitors," emphasized the necessity of the market gardener cultivating a refined product and thus eliminate the real or supposable competition of the truck gardener. In reviewing the economic status of the more important truck crops, he said the potato, although the greatest of truck crops, is never mentioned as a competitor. In the cabbage, second in importance, the market gardener grows the more refined members such as brussels sprouts, Kohlrabi and the fancy cabbages of the savoy and red sorts. With the onion, the early bunchers will ever continue to be a factor in the market garden. Tomatoes are an important crop and the home-grown product out-

sells the southern field-grown in the same market. The growers having fortified their position by growing special types that differ in color, size, texture and flavor from the out-door product. The cucumber situation shows a competition between the frame crop and northern forcing-house product. The lecturer stated that the whole forcing industry, outside of the New Orleans district, was based on the White Spine variety, the great American field type, which he never thought the ideal forcing cucumber and advised the making of new varieties of the English sorts adapted to American conditions which will solve the competition once and for all. With lettuce, the Boston gardeners had adopted as their forcing sort a variety that does best in the open, and if the cultivation of the vegetable is to continue under glass, some sort must be produced with distinctive marks or character which cannot be acquired in the open. The Department of Agriculture is working along on this line, that the forcing and field industry may be placed on different foundations, and in determining the sorts distinctively adapted to forcing conditions, and improving the quality of seed.

### Cincinnati.

#### GOOD CONDITIONS.

The aggregate amount of flowers offered is about the same as at the last writing, nearly all lines are moving nicely, and most all are bringing good prices. Many advance queries as to Valentine's Day prices are already at hand. Blooming plants and ferns are moving well. Owing to the good weather that we are now having the cut will probably increase in a very short time. Roses of all kinds find a good sale, with the market somewhat longer on white than pink. Carnations are stronger. Enchantress, White Enchantress and Beacon are the leaders, the first two named being most in demand. Easter lilies and callas meet with a good request. The market on the former is easing up a bit owing to an increased supply. The quality, however, is good and there has been no trouble disposing of them. Lily of the valley is plentiful and not in especial demand. Tulips are now added to the list of bulbs special offered. Narcissus and Roman hyacinths enjoy a strong call for work. The home-grown single violets are in demand, while the doubles clean up slowly, none are realizing stiff prices for the time of the year. Orchids are offered in the wholesale houses. Greens are steady, with a strong out-of-town call for ferns, leucothoe sprays and green sheet moss.

#### NOTES.

B. Eschner, representing M. Rice & Co., is not traveling true to form. According to past performances he should have arrived in the city the day Bayard's man was here. He got in the middle of last week.

Last week Wm. Murphy received consignments of fine cyclamen and begonias from J. A. Peterson and Boston ferns from R. Witterstaetter.

When the supply of roses and carnations recently seemed shortest, C. E. Critchell was fortunate enough to re-

ceive many lots from the small growers in the southern and central parts of Ohio and Indiana.

Al. Heckman and Ray Murphy roll a series of 10 games at the Grand Alleys this week. It is a toss-up as to which one is the most enthusiastic devotee of the game.

Springfield seems to be a magnet that attracts Cincinnati florists. Last week J. A. Peterson, Ed. Foster and Julius Baer visited that place.

The hand of the clock at Murphy's shows that \$13,350.00 is now subscribed toward the flower show fund.

The Bowling Club will roll at Finke and Craig's alley on February 6. The attendance promises to be large.

Visitors: Martin Alexander, of Lion & Co., and Mathew Ruxton, of Nitschert Co. of New York, and A. Leganger of A. L. Randall Co., Chicago. H.



Watch for our Trade Mark stamped on every brick of Lambert's

### Pure Culture Mushroom Spawns

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

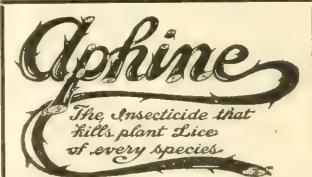
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Mention the American Florist when writing



ENGLISH, Best quality, arriving constantly.  
Spawns from  
selected specimens | 25 lbs. .... \$2.00  
| 100 lbs. .... 6.50  
AMERICAN, Our monthly shipments from the manufacturer include all the varieties.  
Garden City | 25 bricks ..... \$ 3.50  
Pure Culture | 100 bricks ..... 12.00

VAUGHAN'S SEED STORE,  
CHICAGO: NEW YORK:  
84-86 Randolph St. 25 Barclay St

Mention the American Florist when writing



You may depend on it for positive results, without fear of failure or dissatisfaction.  
\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew and other fungous diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

MANUFACTURED BY

Aphine Manufacturing Co., Madison, N. J.

Mention the American Florist when writing

## Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 136 page, 25th anniversary, catalogue contains true description and no overdrawn illustrations. Our prices are right quality considered. Market Gardeners are requested to write for our Market Gardeners' Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE,

Box 700  
Established 1886

Beatrice, Neb.



## A Grand New Carnation Bright Spot

Outclasses everything heretofore grown in the dark pink class.

Won first honors in the 100 class for the best dark pink at the A. C. S. meeting, Pittsburg, January 1910, also at the Chicago Flower show, November, 1909.

It is a pure bright dark pink of even shade, size 8½ inches, an early and continous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price per 100, - \$ 12.00 Price per 5000, - \$400.00  
" " 1000, 100.00 25 at 100, 250 at 1000 rates

Place your order now to be in on early deliveries.

**NIC. ZWEIFEL,** North Milwaukee,  
Wisconsin.

## CARNATIONS

### Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

|                                  | Per 100 | 1000     |
|----------------------------------|---------|----------|
| White Wonder. Our new white..... | \$12 00 | \$100 00 |
| Glorigosa Our new pink.....      | 12 00   | 100 00   |
| Pink Delight.....                | 6 00    | 50 00    |
| Scarlet Glow.....                | 6 00    | 50 00    |
| Shasta.....                      | 6 00    | 50 00    |
| Sangamo.....                     | 6 00    | 50 00    |
| Dorothy Gordon.....              | 6 00    | 50 00    |
| J. W. Riley.....                 | 6 00    | 50 00    |
| Admiration.....                  | 6 00    | 50 00    |
| White Perfection.....            | 3 00    | 25 00    |
| Winona.....                      | 3 00    | 25 00    |
| Enchantress.....                 | 3 00    | 25 00    |
| Rose Pink Enchantress.....       | 3 00    | 25 00    |
| Beacon.....                      | 3 00    | 25 00    |

**F. DORNER & SONS CO.,**  
LaFayette, Ind.

Mention the American Florist when writing

## Ferns for Dishes

|                                     | Per 100 | Per 1000 |
|-------------------------------------|---------|----------|
| 2½-in. ....                         | \$3.50  | \$30.00  |
| 500 at 1000 rates. Cash with order. |         |          |

**FRANK OECHSLIN,**  
4911 Quincy St., CHICAGO  
Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

### WEITMANI FERNS

2½-in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.  
Magnifica, 2½-inch 15c each.

**HENRY H. BARROWS & SON,** Whitman, Mass.

## JOSEPH HEACOCK CO.

WYNCOTE, PA.

**Growers of Fine Kentias**

Send for Price List.

Mention the American Florist when writing

## Don't Forget, in the Rush

That You'll Need Stock Later on.  
For example, there's your

### Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth, evenly graded, disbudbed, well-rooted stocks, especially selected for florists' grafting.

### Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1,700 to the case).

Perfection, \$12.00 the thousand (2,000 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3,000 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

### Lilacs

Imported, pot-grown, for cut flowers; bushy, suitable for 7 or 8 inch pots. 50c each; \$5.00 the dozen. Charles X only.

### Half-Standard Roses

Baby Rambler and Mrs. Cutbush, 50c each; \$5.00 the dozen. No better at any price. Full Standard Baby Rambler, same.

### Bush Roses

Fine assortment leading: H. P.'s like Brunner, Charta, Druschki, etc.  
Also Hybrid Teas, Ramblers, Dorothy Perkins, etc.

## JACKSON & PERKINS CO.

Wholesale Florists and Nurserymen,

**NEWARK (Near Rochester), NEW YORK**

## Seasonable Stock

Kentia Belmoreana, 2½-in pot plants \$8 00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15-in. high, \$35.00 per 100; 5-in. pot plants, 15-18-in. high \$60.00 per 100

Nephrolepis Scholzei, 2½ in. \$5.00 per 100; 5-in. strong, \$6.00 per doz; \$40.00 per 100.

Asparagus Sprengerii, Strong 5-in. pot plants, 15c.

Rhododendrons, Fancy forcing varieties, 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

Dracaena Indivisa, 2½-in po stock for growing on at \$3.00 per 100.

Spirea, large forcing clumps. Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba, \$6.00 per 100; Elordi, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

Heliotrope, Purple, in five good varieties, \$3.00 per 100; \$25.00 per 1000.

Boxwood, Bush shape for window boxes or pot sale, very bright foliage and bushy, 10 to 12-in. high \$20.00 per 100; 12 to 15-in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

Dahlias, Fine collection of field grown clumps. (Special circular on application.)

**THE STORRS & HARRISON CO.,** Painesville, O.

Mention the American Florist when writing



## The Nursery Trade

American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shepandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Secy.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

### Hale Wouldn't Be Senator.

J. H. Hale, the millionaire fruit grower of South Glastonbury, Conn., who is known all over the country as one of the largest peach growers in the world, is perhaps the only man in the country who ever "turned down" a unanimous election as United States senator. Mr. Hale owns something like 350,000 fruit trees in Georgia. It cost him last year nearly \$160,000 merely to put his enormous crop on the market, but he is one of the most delightfully unostentatious men in Connecticut.

He has always been interested in movements for the betterment of his town and state. Some few years ago he was tendered the election as senator "on a silver platter," as he aptly put it. When waited upon by the legislative committee Mr. Hale literally held up his hands. "Gentlemen," he said, "I don't want to be elected to your august senate. Really I don't. I'd rather be a farmer. Besides—there's more money in it." And Mr. Hale, who has gained considerable prominence as a public speaker, says he is still "close to the soil."—Boston Herald.

### Planting Pine Tree Seed.

More than 700 pounds of pine tree seed already have been planted this season on the Angeles national forest, and R. M. Charlton, supervisor of the forest, has just received 400 pounds more.

This seed is being planted along the natural timber belt in the higher altitudes of the San Bernardino range. As a rule the pines re-seed themselves, but there are places where there has been a heavy growth in years long past that have little new growth on them. There are big trees scattered here and there, but no young ones coming on. This is because the ground is so thickly covered with pine needles and similar debris that the seed from the pines does not get sufficiently imbedded in soil to make a start.

The forest service this year is beginning a systematic plan to cover all such bare spaces with young growth. Small experiments have been made in planting seed direct heretofore, but this is the first time it has been attempted on a large scale. Reforestation has been carried on heretofore by planting out nursery stock.

The seed in some instances is harrowed in, and in others the ground is loosened up with a spade to give the young trees a foothold. As the 1,100 pounds to be planted this season will cover about 200 acres, the planting process is no small task. Although many years are required for pine trees to grow, the success of the planting will be evident the first year, for if a considerable number of the seeds obtain a good start, the seedling trees probably will survive.

In the lower altitudes of the forest along the foothills the more rapid growing eucalyptus are being planted, but the eucalyptus will not stand the cold of the higher altitudes, and there it is necessary to plant pines. Two varieties of seed are planted this season, the yellow pine and the Jeffrey

# Roses! Roses! Roses!

## For Spring Planting or Potting

Being all of superb growth, very strong, delivered on their own roots or grafted on Polyantha (Multiflora) stock, 2 or 3 years old.

### Climbers

Such as Aclaia, Blush Rambler, Claire Jaquier, Crimson Rambler, Frau Helen Videnz Non Plus Ultra, Northern Light, Stella Tausendschon, Tea Rambler, Thalia, The Wallflower, Walther Brude, Borden's Goldfinch, Buttercup, Flower of Fairfield, Lyon Rambler, Starlight, Veilchenblau, American Pillar, Graf Zeppelin, etc., etc.

### Wichuraiana Hybrids

Such as Alba Rubifol, Alberic Barbier, Anna Rubsamont, Auguste Barbier, Debant, Dorothy Perkins, Elisa Robichon, Francois Juranville, Francois Poisson, Frau Marie Weinbach, Gardania, Hiawatha, Joseph Lamy, Lady Gay, May Queen, Minnehaha.

For all the varieties mentioned above, and others, please apply for Wholesale Price List and particulars.

Pink Roamer, Ruby Queen, South Orange Perfection, Tricolore, Valentin Beaulieu, Wedding Bells, Paradise, Lady Godiva, Coquina, Delight, Diabolo, La Fiamma, Miss Helyett, Newport Fairy, White Dorothy Perkins, Cinderella, Desire, Bergera, Dorothy Dennison, Eisenach, Excelsa, Fri, Octavia Hesse, Graft Fey, Jessica, Joseph Liger, etc., etc.

### Dwarf Perpetual Polyanthas

Such as Cecile Brunner, Clotilde Soupert, Gloire des Polyanthas, Katharine Zimet, Leonie Lamesch, Mme. Norbert Levassasseur, Marie Pavie, Mrs. W. Cutbush, Mosella, Perle d'Or, Perle des Rouges, Schneewitchen, White Pet, Nana, Levassasseur, Phyllis, Princess Ena, Cyclops, Gustel Mayer, Jessie, Orleans Rose, White Cecile Brunner, etc., etc.

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# Giant Himalaya Berry

Hardy as a oak tree; canes grow 30 to 50 feet in one season; cropped in Michigan last season at rate of 1042 crates to the acre; wood never dies; crops from old wood as well as new every year; Blooms end of June; fruit ripe in August and September; fine for table dessert, pies, jam and jellies. Strong plants 3 for \$1.00; \$2.50 per 12; \$10.00 per 100; \$75.00 per 1000. Drop a card for our New Berry Book, it's free. Over 100,000 plants sold since Jan. 1, 1911.

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A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

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Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funtias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiræas, Valleys.

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## Yellow Roses Wanted

Perles and others, standard sorts, own roots, not more than two years old. State quality, age and price. Address

Key 386, care American Florist.

pine. It will require from 50 to 100 years for these trees to become sawlogs, but that is not what the forest service is aiming at on the Angeles forest. The conservation of the water supply for irrigating is more important than any other use of the mountains here, and the young pines will be useful for that purpose in just a few years. Their

## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12 inches to 4 feet will satisfy all in grade and price. Special low prices in car lots for Fall delivery: let me know your wants before purchasing.

Also a fine stock of AMPELOPSIS Vitischli, 2 years transplanted.

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Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash. Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

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OAKS and MAPLES  
Pines and Hemlocks

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| Name               | Color           | CO  | 1000 |
|--------------------|-----------------|-----|------|
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| Sara Nicholson,    | Dark red.....   | 4   | 00   |
| Beacon,            | Red.....        | 3   | 00   |
| Victory,           | Red.....        | 3   | 00   |
| Winona,            | Deep pink.....  | 3   | 00   |
| Rose Enchantress,  | Deep pink.....  | 3   | 00   |
| Winsor,            | Deep pink.....  | 3   | 00   |
| Enchantress,       | Light pink..... | 3   | 00   |
| May Day,           | Light pink..... | 3   | 00   |
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We will extend liberal credit to parties of good standing.

Send us your orders early.

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S. A. Nutt.....\$11.50 per 1000.  
Ricard.....14.00 Per 1000.  
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All sold until the latter part of February

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Verschaefeltii.....\$6.00 per 1000  
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Standards in assortment \$5.00 per 1000  
Giant Leaved, extra fine 10.00 per 1000

## Lime

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Wholesale catalog for fall issued Sept. 1st.

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|                                                                  | Each   | Doz.   | 100     | 1000     |
|------------------------------------------------------------------|--------|--------|---------|----------|
| Dark Pink Killarney, grafted, 2½ in.....                         | \$0 40 | \$3 00 | \$20 00 | \$180 00 |
| Double Pink Killarney, grafted, 2½ in.....                       | 75     | 6 00   | 30 00   |          |
| Jessie, 2 yr.....                                                | 50     | 5 50   |         |          |
| Kaiserin A. Victoria, 2 yr.....                                  | 50     | 5 50   | 18 00   |          |
| Leuchtfeuer, 2½ in.....                                          | 25     | 2 50   |         |          |
| Mme. Segond Weber, 2½ in.....                                    | 35     | 3 40   |         |          |
| Mrs. Aaron Ward, 2½ in., own roots.....                          | 15     | 1 25   | 8 00    |          |
| Mrs. Teft, Baby Rambler, new, 2½ in.....                         | 20     | 2 00   | 12 00   |          |
| Mrs. Teft, Baby Rambler, new, 2½ in.....                         | 25     | 2 50   |         |          |
| Mrs. Teft, Baby Rambler, new, 2½ in.....                         | 40     | 3 50   | 25 00   |          |
| My Maryland, 2½ in., own roots.....                              | 20     | 2 00   | 15 00   |          |
| Natalie Boettner, H. T., new, 2 yr., do.....                     | 50     | 2 00   | 15 00   |          |
| Orleans, Baby Rambler, new, 2½ in.....                           | 35     | 4 00   |         |          |
| Othello (Chateau de Clos Vougeot), 2½ in.....                    | 25     | 2 50   | 15 00   |          |
| Phyllis, 2 yr.....                                               | 35     | 3 60   |         |          |
| Prince de Bulgarie, 2½ in., grafted.....                         | 3      | 3 00   | 22 00   |          |
| Radiance, 2½ in., grafted.....                                   | 3      | 3 00   | 20 00   | 180 00   |
| Rose Queen, own roots, 2½ in.....                                | 3      | 3 00   | 20 00   | 120 00   |
| The Lyon, 2 yr., dormant.....                                    | 2      | 2 50   | 18 00   | 150 00   |
| Veilchenblau, 2 yr.....                                          | 1      | 1 50   | 10 00   | 90 00    |
| Warburg, 2 yr.....                                               | 5      | 5 00   |         |          |
| White Dorothy Perkins, 2 yr.....                                 | 2      | 2 50   | 20 00   |          |
| White Killarney, 2½ in., own roots.....                          | 1      | 1 00   | 6 00    |          |
| White Killarney, 2½ in., grafted.....                            | 3      | 3 00   | 15 00   |          |
| and many other varieties, on which we shall be pleased to quote. | 2      | 2 00   | 15 00   |          |

Prices F. O. B. Western Springs.

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## ROSA POLYANTHA (Multiflora)

Good stock for grafting Roses when Manetti and Grifferæ can not be had. Transplanted 1-year seedlings:

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Cuttings \$7.50 per 10,000.

Plants, small, \$45.00 per 10,000.

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|                                         | Per 100 |
|-----------------------------------------|---------|
| 2½-inch Boston, Whitman and Scotti..... | \$ 3.50 |
| 3-inch.....                             | 5.00    |
| 4-inch Boston and Scotti.....           | 8.00    |
| 4-inch Whitman.....                     | 12.50   |
| 5-inch Boston and Whitman.....          | 20.00   |
| Asparagus Plumosa, 2-inch.....          | 2.50    |
| ..... 3-inch.....                       | 5.00    |
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| Asparagus-Sprenger, 4-inch.....         | 7.00    |

Vinca Variegata, out of 2-inch pots.  
(These are divisions from field-grown stocks and will make fine plants).....\$2.00 \$18.00

Shasta Daisy Alaska, 2-inch..... 2 00  
Salvia Splendens, 2-inch..... 1 50 12 50

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— Cash, please. —

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# Roses for 1911

## Dark Pink Killarney.

A sport of Killarney, similar in habit, but more highly colored than Killarney at its best. When Killarney is pale, Dark Pink Killarney is bright and cheerful.

Grafted plants only, from 2½-inch pots.  
\$20.00 per 100; \$180.00 per 1000.

## Lady Cromwell.

A shell pink sport of My Maryland that for pleasing color is unsurpassed. A wonderful producer and a color that sells.

Grafted plants only, from 2½-inch pots.  
\$30.00 per 100; \$250.00 per 1000.

## Radiance.

Strong in growth and making plenty of stem. Cerise pink in color.

Grafted plants, \$18.00 per 100; \$150.00 per 1000  
Own root, 10.00 per 100; 90.00 per 1000

## Double Pink Killarney.

Originating with Robert Scott & Sons, who supply us the wood for grafting. Stronger in growth than Killarney and with at least ten more petals. A wonderful improvement.

Grafted stock only.  
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## Mrs. Aaron Ward.

By far the most pleasing of the yellow roses now on the market. A general favorite, and one which will be widely grown, for yellow roses are in demand.

Grafted plants, \$25.00 per 100; \$200.00 per 1000  
Own root, 12.00 per 100; 100.00 per 1000

## Melody.

We have reserved for our orders own root plants of this choice novelty. No grafted plants.

From 2½-inch pots.  
\$30.00 per 100; \$250.00 per 1000.

## Prince de Bulgarie

The best prices for cut flowers should be the standard for judging roses, and this rose has been the money setter. Strong and vigorous in growth, and with its beautiful shell pink bloom it has sold on sight. One of the best roses grown.

Grafted plants, \$20.00 per 100; \$180.00 per 1000  
Own root, 15.00 per 100; 120.00 per 1000

**Killarney, White Killarney,  
Richmond, My Maryland,  
Kaiserin Augusta Victoria.**

These are the old standards, and we are headquarters for young stock.

Grafted plants, \$15.00 per 100; \$120.00 per 1000  
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**A. N. PIERSON, Inc.,**

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|                                   | Per 100 |
|-----------------------------------|---------|
| Obc. Alba and Rosea.....          | \$1.50  |
| Obc. Gigantea.....                | 2 00    |
| Asp. Sprengeri.....               | 2 00    |
| Alternantheras, yellow, R. C..... | 60      |

—Cash—

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A SPECIALTY.

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50 Sorts in Leading Varieties. Teas, Hybrid Teas and Hybrid Perpetuals. Nice, thrifty 2-inch stock, or large 2-year-old plants. Write for list.

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We Want to Spread Out Our Extensive Easter Stock

Therefore we sell—just look!—a fine selection of Decorative Plants, such as Araucarias, Ferns, etc., at bargain prices. Such stock is always in demand.

## Araucarias

OUR SPECIALTY.

We are the largest importers of these lovely decorative plants, the Araucaria Excelsa, Robusta Compacta and Glauca, 6,000 of the choicest last spring importation now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

**Araucaria Excelsa**, raised from top cuttings, no seedlings. Plants, 5½-6-7 in. pots, 15-18-20-25-30 in. high, 3-4-5-6 tiers, 2-3-4-5 years old, 50c, 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant, 6-in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, only 60c to \$1.00; a jumbo, 6-in. pot, 5-year old, 25 in. and over, as wide as a bushel basket, 5-6 tiers, for only \$1.00; and what do you think a holy terror, 30 in. and over, 5-6-7 tiers, worth \$200, for only \$1.25 to \$1.50.

**Robusta Compacta**, **Excelsa Glauca**, 6-in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest **Araucaria Robusta Compacta** and **Excelsa Glauca**, a house full, for only \$1.25 to \$1.50, worth double.

**Jessieum Cherries**, or **Solanum** 6-in. pots, 25c.

**Dracena Bruni**, 25 to 30 in. high, 6-in. pots, 40c to 50c. Highly recommended for store and house decoration: stands heat, cold and dust.

**Latania Borbonica** (Chinese Fan Palms), 20 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

**Lilium Multiflorum**, our own importation from Japan, raised from 9-10 in. bulbs, started in 6-in. pots, last October; have kept cold; now about 5 to 8 in. high, just right for Easter, 25c to 30c each, by the dozen or hundred.

**Ipomoea Noctiflora**, our so well-known pure white, waxy **Moonyline**, bearing flowers very fragrant and as big as saucers, 2½-in. pots, will make good stock for you to propagate from, \$5.00 per 100.



**Azalea Indica**, Easter forcing: **Vervaneana** Professor Wolters, Empress of India, **Schryveriana**, double variegated, 60c, 75c, \$1.00 to \$1.50; **Mme. Van der Cruysen**, Simon Mardner, pink, **Niobe**, white, **Apollon**, red, 60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we have **Niobe**, **Helena Thielman**, **Bernard Andreas** **Alba**, white, **Mme. Van der Cruysen**, and others, \$1.50, \$2.00 to \$2.50.

**Azalea Indica**, with buds advanced, showing colors, **Deutsche Perle**, **Vervaneana** and **Simon Mardner**, 60c, 75c, \$1.00 to \$1.25.

**Primula Chimensis**, mostly white, 5½-in., \$2.50 per doz.

**Kentia Forsteriana**, in fine shape, 6-in. pots, 30-35-40-45 in. high, 4-5-6 years old, 75c, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

**Kentia Belmoreana**, 30-35-40 in. high, 5-5½-6-7 in. pots, 5-6-7 years old, \$1.00, \$1.25, \$1.50 to \$2.00 each.

**Kentia Belmoreana**, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine **Boston**, **Scottii**, **Whitmanii** and **Schoelzelii**, 5½ and 6-in., 25c, 40c and 50c; 7-in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches.

**Neph. Glazifolia**, a new beautiful fern, an improvement on **Scottii**, much shorter and bushier than **Scottii**, 5½ in. pots, 50c; 3-in. pots, 25c.

**Fertis Wilsonii**, 3 large bushy plants in 6-in. pan., 30c to 35c per pan.

**Ferns for Dishes**, best assortment, 2½-in. pots, at \$4.00 per 100.

**Adiantum Erythraea**, 6-in. pan, 25c to 30c.

**Asparagus Sprengeri**, 2½-in., 3c; 4-in., 10c.

**Spiraea Gladstone**, started in 5½ to 6-in. pots, at 15c, 20c to 25c.

**Cineraria Grandiflora Hybrid**, **Aeschmann** the so well-known superior strain, which brought as high as one dollar a plant wholesale last Easter. Now is the best time if you want good plants for Easter.

We have a very large stock of 4-in. at \$10.00 per 100; 6-in., at 25c, 35c to 50c, just right for Easter blooming.

**Crimson Rambler Roses**, 6-in. pots, 3 feet high, nicely staked up and best down, 50c to 75c.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

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In all bright colors: fine forcing varieties; good value.  
\$9.00, \$12.00, \$15.00, \$18.00 per doz.

**CAMELLIAS.** Well budded plants, variety of colors, \$15.00, \$18.00, \$24.00 per doz.

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## Pot-Grown Forcing Plants.

|                                                                | Per 100 | Doz.   |
|----------------------------------------------------------------|---------|--------|
| Azalea Mollis                                                  | \$35.00 | \$4.50 |
| Dentzia Gracilis                                               | 15.00   | 2.00   |
| Lilac, Charles X, Marie Le Graye, extra size, for 8-9 in. pots |         | 10.00  |
| Matus, Flowering Crab                                          |         | 15.00  |
| Dicentra Spectabilis                                           | 6.00    |        |
| Aucuba Variegated, for window boxes, 12-15 in.                 |         | 4.00   |
| Aucuba, fine plants, 18-24 in.                                 |         | 9.00   |

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Our stock is larger and finer than ever. We can fill orders for any quantity in all sizes.

**HARDY HERBACEOUS PLANTS.** We grow a large quantity and variety of these popular florist plants.

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impossible to ship by freight in cold weather. Ask for Wholesale Catalogue.

Nurserymen, Florists and Planters,

## ROSES.

**H. P.**, low budded, 2-yr., fine stock for forcing in pots, in all the leading varieties, \$15.00 per 100; \$125.00 per 1000

We have a fine, strong, healthy collection of **Standard Roses**, in all the leading varieties, at \$6.00 per doz.

**H. T.**, low budded, 2-yr., fine stock for forcing in pots, \$20.00 per 100

**Crimson Rambler**, home grown, 2 year old, 2 3 ft. Per doz. 100

well branched, own roots \$2.00 \$12.00

2 year old, 2 3 feet, well branched, budded 2.00 12.00

3 year old, 3 4 feet, well branched, own roots 3.00 15.00

3 year old, 4-5 feet, well branched, budded 3.00 15.00

**Dorothy Perkins**, strong field grown, 2 3 ft. 2.00 15.00

**Baby Rambler**, half standard, 30 in. high, 9.00 15.00

**Lady Gay**, 2-year old, 15.00

**Baby Rambler**, dormant, field grown, selected, budded plants, 16.00

A visit to our greenhouses and nursery will convince you we have the quality that gives satisfaction.

We have a fine selection of nursery products. Shall be pleased to give special prices on lists.

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We have a large quantity and fine assortment of small **Evergreens**, for Winter Boxes and Vases, 10-12 inches, \$20.00 per 100; 12-15 inches, \$25.00 per 100; 15-18 inches, \$35.00 per 100.

Order early to save heavy express charges;

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RUTHERFORD, N. J.

## A FEW GOOD THINGS YOU WANT.

**Ceranioms**, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; **Viaud**, Castellane, Poitevine Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
**Whitman Ferns**, 4-in, 25c each, 5-in, 35c.  
**Boston Ferns**, 5-in, 25c each.  
**Vinca Var.**, 2-in, \$2.00 per 100.  
**Dracena Ind.**, 4-in, \$10.00 per 100.  
**Heliotrope**, Blue, R. C., \$1.00 per 100.  
Cash with order.

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## Roses in 200

sorts for immediate or spring delivery.

THE LEEDLE FLORAL COMPANY  
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## A New Fern Nephrolepis Giatrasii

Awarded a Certificate of Merit by the Horticultural Society of New York.

**Prices:** In 2 1/2 inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates; 250 plants at 1000 rates. Orders delivered in rotation as received.

Now Ready for Delivery.

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Decorative Plants

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Largest size.....\$20.00 per 100  
2nd size.....15.00 per 100

Leadham Bulb Company, Santa Cruz, Calif.

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100,000 rooted cuttings, strong, healthy guaranteed.

**Pink Delight**, **Dorothy Gordon**, **Apple Blossom**, **Wanoka**, \$5.00 per 100, \$50.00 per 1000.

Cash or C. O. D. from unknown parties.

Order now for early delivery.

By the way have you ordered

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the coming Carnation? Awarded A. C. S. Certificate at Pittsburgh. Orders booked now for January, 1912, delivery, \$12.00 per 100; \$100.00 per 1000.

Wanoka Greenhouses, Barneveld, N. Y.

## SPECIALTIES.

Roses, from 3-in pots. Chrysanthemums  
Carnations for all delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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HIGH CLASS PALMS

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## Rooted Carnation Cuttings

For December Delivery.

**ENCHANTRESS**, **PERFECTION**,  
**BEACON**, \$3.00 per 100;

\$25.00 per 1000.

**ROSE PINK** and **WHITE**

**ENCHANTRESS**, **WINSOR**,

\$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

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## Verbenas! Verbenas!!

Verbenas!

The Gem Bedding Plant.

Send for circular.

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None better at any price, \$2.50 per 1000; 5000, for \$10.00.

**Daisies** and **Forget-me-nots**, fine plants \$2.50 per 1000.

**Primula Chinese**, **Cineraria**, **Asp. Sprengerii**, **Snagdragons**, **Giant double Petunias** (Dreer's) fine plants out of 2 1/2 inch pots, \$2.00 per 100; \$5.00 for 500.

**Violets**, field grown, **Lady Campbell** to clean out, \$3.00 per 100; \$25.00 per 1000.

J. C. SCHMIDT, Bristol, Pa.



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## Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A. NEW YORK. Telephone Lenox 5644.

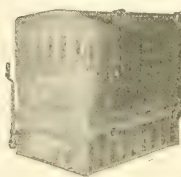


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Traces automatically a correct and continuous record in ink on the temperature on a graduated weekly chart. Standardized and fully guaranteed. Size 14x20 in., price \$30.00. Size 9x14 in., price 20.00.

THE DRAPER MFG. CO. 152 Front St., New York

## THE BURNHAM



Hot Water or Steam. 56 Sizes. Heats from 1,850 to 27,000 square feet. Send for Catalogue.

Lord and Burnham Co. New York, Boston, Philadelphia, Irvington, N.Y., C. O.

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Use our COLOR CHART in describing them. PRICE, \$1.00 POSTPAID.

American Florist Co., 324 Dearborn St., CHICAGO

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using

## Morehead Steam Traps

† The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist.

† It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

† The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

† By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO.

Department "N"

Detroit, Mich.

## WHAT THE USERS SAY

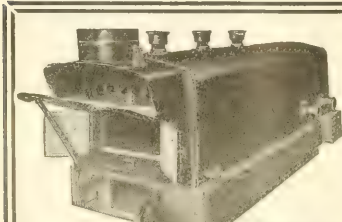
## Test at 8° Below Zero—No. 8 Kroeschell Boiler Carries 20,500 Square Feet of Glass

MUELLER & SCHROEDER Co., Milwaukee, Wis., write: Our heating system works to perfection. To our surprise, the new No. 8 Kroeschell boiler mastered the whole plant, consisting of five houses, 20x150. We only deemed it necessary to start our second boiler when the temperature went down to 8 degrees below zero.

We had expected to use both boilers in cold weather, but the one boiler did such excellent work that we did not run the two boilers until the very cold weather set in. It was a very easy matter to keep the temperature up in the very coldest weather and stormiest nights.

The five houses have 20,500 square feet of glass; the No. 8 Boiler is rated at 16,500 square feet of glass.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.



Send for Catalogue

# Ready Reference Section.

10 CENTS PER LINE, NET.



## AGERATUMS.

Ageratum Stella Gurney, R. C. 50c, 100; \$4. 1,000. Cash. J. P. Cannata, Mt. Freedom, N. J.

## AIR PLANTS.

AIR PLANTS. Try a few of the Japanese Air Plants in your office or store. They are good sellers. We furnish them to you in Birch Bark Canoes, 4-in. at \$1.50; 5-in. at \$2; 6-in., \$2.50 and 8-in. at \$3 per doz. Order a sample lot of them. They will please you. Geo. A. Kuhl, Pekin, Ill.

## ALTERNANTHERAS.

Alternantheras, red and yellow, rooted cuttings, 60c per 100; \$5 per 1,000; 2 1/2-in., \$2 per 100; \$18 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

Alternantheras, yellow, R. C. 60c per 100. Jos. H. Cunningham, Delaware, O.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucarias, McHutchison & Co., 17 Murray St., New York.

## ASPARAGUS.

Asparagus Sprengeri, 2-in., \$1.50 per 100; 2 1/2-in., \$2.50 per 100; 3-in., extra strong, \$4 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, fine 3-in., \$5 per 100; 2 1/2-in. Sprengeri, \$2 per 100. Weber Bros., Ironton, Ohio.

Asparagus plumosus, 2 1/2-in., \$3 per 100; \$7.50 per 1,000; 3-in., \$6 per 100. Asparagus Sprengeri, 2 1/2-in., 2c; 3-in., 4c; 4-in., 8c. Mosbek Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus seed, per 1,000, \$4; 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Pothound 3-in. Sprengeri, can be shifted into 5-in., \$8 per 100. G. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, 2c per 100. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 2 1/2-in., \$5 per 100. Heurt Dant, Decatur, Ill.

Asparagus Sprengeri, 5-in., 15c. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 2 1/2-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## AUCUBAS.

Aucubas, var., 12-15 ins., \$4 per doz.; 18-24 ins., \$6. Bobbink & Atkins, Rutherford, N. J.

## AZALEAS.

Azaleas. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Azaleas, Jace Smits, Naarden, Holland.

## BAY TREES.

Bay trees, McHutchison & Co., 17 Murray St., New York.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEGONIAS.

Begonia Lorraine, 2 1/2-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonias, flowering, R. C. \$1.75 per 100; express paid. S. D. Brant, Clay Center, Kans.

Begonia Glory of Cincinnati. J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, McHutchison Co., 17 Murray St., New York.

## BULBS.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs. For varieties and prices see advertisement on 2d cover page of this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, Calla Eliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, Japanese lilies, giganteum, multi-florum, etc. McHutchison & Co., 17 Murray St., New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Cannas, healthy, true to name. Express and King Humbert, \$3 per 100. Chas. Henderson, Chicago. Brandeis, M. Berat, L. Barry, David Harum, Wyoming, \$2.50 per 100. The Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Canna roots, Ex. Crampbell, Austria. Chas. Henderson, Mlle. Berat, Chicago. Ironquists Chief, Alsace and David Harum, \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Cannas, Sec. Chebanne, Cinnibar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, St. Robusta and mixed (all good sorts) \$1. Wagner Park Conservatories, Sidney, O.

Cannas, Write for prices. Vaughan's Seed Store, Chicago and New York.

## CARNATIONS.

### ROOTED CARNATION CUTTINGS.

|                                 | Per 100 | Per 1,000 |
|---------------------------------|---------|-----------|
| Washington                      | \$10.00 | \$75.00   |
| Sangamo                         | 6.00    | 60.00     |
| Mary Tolman                     | 6.00    | 60.00     |
| Conquest                        | 6.00    | 60.00     |
| White Enchantress, March deliv. | 3.00    | 25.00     |
| ery                             | 3.00    | 25.00     |
| May Day, March delivery         | 3.00    | 25.00     |
| Beacon, March delivery          | 3.00    | 25.00     |
| White Perfection                | 2.50    | 20.00     |
| Enchantress                     | 2.50    | 20.00     |
| Winona                          | 2.50    | 20.00     |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.  
Carnations, Dorothy Gordon, \$8 per 100; \$50 per 1,000. Beacon, Victory, Enchantress, Rose Pink, Enchantress, White Enchantress, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 232 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanoka, \$8 per 100; \$50 per 1,000. Rainbow, \$12 per 100; \$100 per 1,000. Wanoka Greenhouses, Barneveld, N. Y.

Carnation, Enchantment, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantment, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C. \$8 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSANTEMUMS.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, large flowering dwarf, 3-in., \$3 per 100. Cash. J. W. Miller, Shuremanstown, Pa.

Cineraria, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## COLEUSES.

Coleus, standard varieties, including Golden Bedder and Verschaffeltii. Rooted cuttings, \$8 per 1,000; 2 1/2-in., 2c. Mosbek Greenhouse Co., Onarga, Ill.

Coleus, R. C. \$4 per 1,000; 60c per 100, by mail, 17 varieties. Cash. C. Schulze & Son, 261-275 Lawrence St., Flushing, N. Y.

Coleus, rooted cuttings, eight standard varieties for immediate delivery, 75c per 100; \$6 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, Verschaffeltii, Golden Bedder, \$8 per 1,000. Standards assorted, \$5. A. M. Herr, Lancaster, Pa.

Coleus, C. Bedder, Verschaffeltii, etc., 2-in., \$2; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, R. C. \$4 per 1,000. Fowlerville Floral Co., Flushing, N. Y.

## CROTONS.

Crotons, 5-in., 75c each; \$8 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CUTTINGS.

|                                  | Per 100       | Per 1,000         |
|----------------------------------|---------------|-------------------|
| Ageratum, blue                   | \$5.00        | \$50.00 per 1,000 |
| Coleus Pfister, red, a pretty    | 6.00          | 60.00 per 1,000   |
| crinkly or crested leaf variety  | 6.00          | 60.00 per 1,000   |
| Coleus Pfister, yellow, a pretty | 6.00          | 60.00 per 1,000   |
| crinkly or crested leaf variety  | 6.00          | 60.00 per 1,000   |
| Alternanthera, red               | 5.00          | 50.00 per 1,000   |
| Alternanthera, yellow            | 5.00          | 50.00 per 1,000   |
| German Ivy                       | 4.00          | 40.00 per 1,000   |
| Salvia Splendens                 | 6.00          | 60.00 per 1,000   |
| Chrysanthemums, Bonanza          | 3.00          | 30.00 per 100     |
| Chrysanthemums, Bunkhee          | 3.00          | 30.00 per 100     |
| Chrysanthemums, Encarnade        | 3.00          | 30.00 per 100     |
| STOCK PLANTS OF CHRYSANTHEMUMS.  |               |                   |
| Rumaforn, yellow                 | \$3.00        | \$30.00 per 100   |
| Edgebrook, pink                  | 3.00          | 30.00 per 100     |
| GEO. WITTBOLD CO.,               |               |                   |
| Edgebrook,                       | Chicago, Ill. |                   |

## CYCLAMENS.

Cyclamens, transplanted seedlings, the best giant commercial strain, round, stocky plants, 8 separate colors or mixed, 2 1/2c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Sidinsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

## DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

## DAISIES.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

Daisies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**DRACENAS.**

*Dracena Indivisa*, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Homell, N. Y.

*Dracena indivisa*, extra strong, 2½-in., one-year-old, \$3 per 100; \$25 per 1,000. Cash. Henry Daut, Decatur, Ill.

*Dracena Brevatifolia*, 3-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

*Dracena indivisa*, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

**FERNS.**

BOSTON FERNS. 2-in., \$3.50 per 100; \$35 per 1,000.

THE GEO. WITTOLD CO., Chicago, Ill.  
Edgebrook.

Ferns, Boston, 2½-in., \$30 per 1,000. Whitman, 2½-in., \$5 per 100; \$40 per 1,000. Manilla, 2½-in., 15c each. H. H. Barrows & Son, Whitman, Mass.

Ferns, Boston and Piermont, 2½-in., 4c; 3-in., 8c. *Elegantissima*, 3-in., 10c; 2½-in., 5c. Special prices on large specimen ferns. Moshek Greenhouse Co., Onarga, Ill.

Ferns. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Piermont, *Elegantissima*, Barrows, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Scholzel, 2½-in., \$5 per 100; 5-in., \$6 per doz.; \$40 per 100. Storrs & Harrison, Plainville, O.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c. Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000. Frank Oechstlin, 4911 Quincy St., Chicago.

Neph. Glatrail, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. E. Starnes, 463 Summit Ave., West Hoboken, N. J.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**FICUS.**

*Ficus* McHutchison & Co., 17 Murray St., New York.

**FORGET-ME-NOTS**

*Forget-me-nots*, \$2.50 per 1,000. J. O. Schmidt, Bristol, Pa.

**FUCHSIAS.**

*Fuchsias*, 2½-in., 4¢ per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

**GERANIUMS.**

*Geraniums*, standard varieties, 2½-in., \$2.50 per 100; \$20 per 1,000; 3-in., 5c; 4-in., 10c. La Favorite, 2½-in., 2c. Rooted cuttings, La Favorite, Gloire de France, Eugene Sue, Bertha de Pressilly, Air Ricard, \$1.50 per 100; \$15 per 1,000. Moshek Greenhouse Co., Onarga, Ill.

*Geraniums*, S. A. Nutt, Perkins, La Favorite, Mme. Sallier, \$2.50. Mrs. Pollock, \$3 per 100. Strong stock out of 2½-in. pots, all ready for a shift. River Falls Floral Co., River Falls, Wis.

ROOTED CUTTINGS, All stock. Nutt, Grant, Poitevine, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery about February 20. The W. T. Buckley Co., Springfield, Ill.

*Geraniums*, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. La Castellani, Poitevine, Juulia, Ricard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

*Geraniums*, Special offer; see advertisement from cover. R. Vincent, Jr., & Sons Co., White Marsh, Md.

*Geraniums*, S. A. Nutt, \$1.50 per 1,000. Poitevine, Ricard, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Rose *Geraniums*, R. C., 1c; 2½-in., 2c. Moshek Greenhouse Co., Onarga, Ill.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-b. case, \$5.50. Laurel Wreaths, 10-in., \$1.75 per case; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 6c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Out Flower Exchange, 33 Broadway, Detroit, Mich.

Greens, laurel wreathing, sheet moss, galax, leucothoe and ferns. Swan & Cheggin, Roan Mountain, Tenn.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsouas & Co., 60 W. 23rd St., New York.

Greens, 50 lb. case smilax, \$1.75. Henry M. Robinson & Co., Nadeau, Ala.

Greens of all kinds. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Wild smilax and other decorative greens. Geo. M. Carter, Evergreen, Ala.

**HARDY PLANTS.**

Hardy herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

**HELIOTROPES.**

*Heliotrope Centifera*, \$10 per 100. E. G. Hill Co., Richmond, Ind.

*Heliotrope*, 2 in., \$2; 3 in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

*Heliotrope*, 5 vars., \$5 per 100; \$25 per 1,000. Storrs & Harrison Co., Plainville, O.

*Heliotrope*, R. C., \$1 per 100. Geo. M. Emmans, Newton, N. J.

**IVY.**

*German Ivy*, rooted cuttings, 50c per 100; 2½-in., 2c. Moshek Greenhouse Co., Onarga, Ill.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

**LANTANAS.**

*Lantana*, 2-in., \$2; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**LILACS.**

LILACS, Marie LeGrave, pot-grown for forcing, \$1 each; \$9 per doz.; Chas. X. pot-grown, for forcing, \$1 each; \$9 per doz.

THE GEO. WITTOLD CO., Chicago, Ill.  
Edgebrook.

Lilacs, Charles X., Marie Le Graye, 8-9 in. pots, \$10 per doz. Bobbink & Atkins, Rutherford, N. J.

Lilacs, pot-grown, Souv. de L. Spath, Marie Le Graye, \$1 each; \$9 per doz.; \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Lilacs, Charles X., 50c each; \$5 per doz. Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jacs Smits, Ltd., Naarden, Holland.

**LILY OF THE VALLEY.****To Import.**

Lily of the valley. Finest grade of pips grown by Mr. E. Neubert, Wandelaar, Germany. New York representative, H. Frank Darrow, 26 Barclay St., New York City.

Lily of the Valley, Chicago Market Brand, \$1.75 per 100; \$15 per 1,000. Early for forcing, \$12.50 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

Lily of the valley, Premium dormant, \$12 per 1,000. International dormant, \$10. London Market (storage), \$14. Vaughan's Seed Store, Chicago.

Lily of the valley. For prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Lily of the valley pips, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley pips, Hamburg or Berlin type. McHutchison & Co., 17 Murray St., New York.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

**From Storage.**

Lily of the valley. Finest Hamburg pips from cold storage at all seasons. H. Frank Darrow, 26 Barclay St., New York City.

**LOBELIAS.**

*Lobelia Kathleen Maffard*, 2½-in., \$2 per 100. Henry Daut, Decatur, Ill.

**MANETTI.**

Manetti, French, \$1.25 per 100; \$10 per 1,000. English, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Manetti, English, \$12 per 1,000. French, \$10. Jackson & Perkins Co., Newark, N. J.

**MUSHROOM SPAWN.**

Mushroom Spawn, English, 25 lbs., \$2.00; 100 lbs., \$8.50. American, 25 bricks, \$3.50; 100 bricks, \$12. Vaughan's Seed Store, Chicago and New York.

Mushroom Spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

**NURSERY STOCK.**

Hammels Virginiana, 50,000 extra fine transplanted.

Hammels Virginiana (witchhazel).

Per 100, 1,000.

3 to 5 feet, 3,000, \$100. \$5.00 \$40.00

4 to 6 feet, 2,000, \$100. 7.00 60.00

5 to 7 feet, extra heavy. 10.00 90.00

20,000 Spiraea Van Houttei, 6 to 1.50 12.00

15,000 Spiraea Van Houttei, 18 to 30 ins. 3.00 25.00

10,000 Syringa Coronarius (sweet scented), 1 to 2 feet. 3.00 25.00

12,000 Syringa Coronarius (sweet scented), 2 to 3 feet. 4.00 35.00

20,000 Forsythia Viridissima, 1 to 2 feet. 2.00 20.00

10,000 Forsythia Viridissima, 2 to 3 feet. 3.00 25.00

12,000 Calycanthus (sweet shrub), transp., 2 to 3 feet. 8.00 25.00

8,000 Calycanthus (sweet shrub), transp., 3 to 4 feet. 5.00 40.00

Weigela in assortment, 2 to 3 ft. 3.50 30.00

Syrax Japonica, transp., 4 to 5 feet. 12.00

200,000 California privet, light grade, 6 to 14 ins. 5.00 40.00

150,000 California privet, 2 branches and up, 1 to 2 feet. 7.00 60.00

50,000 California privet, 2 branches and up, 2 to 3 feet. 10.00 90.00

Above prices for fresh stock. Order made to close them out. Box free, F. O. B. Send for trade list. FOREST NURSERY AND SEED CO., McMinville, Tenn.

Nursery stock, 700 Spiraea Van Houttei, 2 to 3 feet, \$5; 1,800 White Snowberry, 2½ to 3½ feet, \$5; 300 Crataegus oxyantha, 2½ to 3½ feet, \$5; 275 Sambucus Nigra, 2½ to 3½ feet, \$6. Send for additional surplus list. Henry Lake Sons Co., Black River Falls, Wis.

Nursery stock, blue spruce, barbed plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas, Jacs Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Giant Himalaya berry. For prices see advertisement elsewhere in this issue. Berrydale Experiment Station Gardens, Holland, Mich.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

**ORCHIDS.**

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 121, 258 Broadway.

Orchids, all commercial, cattleyas and novelties. Carillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

**PANSIES.**

Pansies (transplanted); these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$5 per 1,000. F. A. Baller, Broomfield, Ill.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

**PALMS.**

Palms, Kentia Bel., 2½-in., \$8 per 100; 3-in., \$15 per 100; 4-in., \$35; 5-in., \$60. Storrs & Harrison Co., Plainville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms. Kentias. McHutchison & Co., 17 Murray St., New York.

Palms, Kentias, Joseph Heacock Co., Wyncoke, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**PEONIES.**

Peonies, all vars. Jacs. Smits, Ltd., Naarden, Holland.

Peonies. McHutchison & Co., 17 Murray St., New York.

**PRIMULAS.**

Primula obconica, giants, 3-in., \$3 per 100. Kewensis, 3-in., \$3 per 100; big strong plants. Cash please, J. W. Miller, Shiremontown, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

*Primula chinensis*, 5½-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.  
*Primroses*, Obe. alba and rosea, \$1.50 per 100. Obe. gigantea, \$2. Jos. H. Cunningham, Delaware, O.  
*Primulas*, Chinese, 2½-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

#### PRIVET.

California privet, cuttings, \$7.50 per 10,000; plants, \$45 for 10,000. Oak Lawn Nursery, Huntville, Ala.  
 Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

#### RHODODENDRONS.

Rhododendrons. McHutchison & Co., 17 Murray St., New York.  
 Rhododendrons. Bobbink & Atkins, Rutherford, N. J.  
 Rhododendrons. Jace Smits, Naarden, Holland.

#### ROSES.

Roses, budded field grown H. P., extra fine roots and tops. Frau Karl Druschki, in large supply. Huntville Wholesale Nurseries, Huntville, Ala.  
 Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.  
 Roses for forcing. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.  
 Roses. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.  
 Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.  
 Roses, 2½-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.  
 Rosa polyantha (Multiflora), 1st size, \$33 per 10,000; 2nd size, \$20. E. Turbat & Co., Orleans, France.  
 Roses, hybrid perpetual and Rambler. Jackson & Perkins Co., Newark, N. Y.  
 Roses, Newport Fairy, 50c each; \$20 per 100. Julius Boehrs Co., Rutherford, N. J.  
 New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.  
 Roses, leading varieties. Leedle Floral Co., Springfield, O.  
 Roses, 50 leading varieties. Wagner Park Conservatories, Sidney, O.  
 Roses. McHutchison & Co., 17 Murray St., New York.  
 Roses, 3-in. Wood Bros., Fishkill, N. Y.  
 Roses. Dingee & Conard Co., West Grove, Pa.

#### SALVIA.

Salvia splendens, rooted cuttings, \$1 per 100; \$7.50 per 1,000. Stuppy Floral Co., St. Joseph, Mo.  
 Salvia Zurich, rooted cuttings, 1c; 2-in., 2c. J. L. Schiller, Toledo, O.  
 Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

#### SEEDS.

ASPARAGUS PLUMOSUS NANUS SEED.  
 house grown: a high grade seed and absolutely true to name.

|                 |        |                  |        |
|-----------------|--------|------------------|--------|
| 1,000 seed..... | 1,000  | 10,000 seed..... | 1,000  |
| 5,000 seed..... | \$2.50 | 20,000 seed..... | \$2.00 |
|                 | 2.25   |                  | 1.75   |

On larger quantities write for quotations.  
 LOS ANGELES FLOWER MARKET.  
 414½ So. Broadway. Los Angeles, Calif.

Seeds, Red Globe onion, \$1 per lb. Radish, Early Scarlet Globe, 30c per lb. Peas, Netley Excelsior, ¼ peck, \$1; peck, \$1.90. Beans, Rustless Black Wax, ½ peck, 60c; peck, \$1. Above seed raised by ourselves from selected stock in Northern Wisconsin. River Falls Floral Co., River Falls, Wis.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify. C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, stocks. For varieties and prices see advertisement elsewhere in this issue. Fottler, Carey, Rayson Co., 12 Faneuil Hall Sq., Boston, Mass.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, The Crego Aster, ¼ oz., \$1; ½ oz., \$2; oz., \$4. G. S. Crego, 736 E. Main St., Portland, Ore.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Piedricktown, N. J.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.  
 Seeds, all kinds. Brimmer's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower. Frederick Roemer, Quedlinburg, Germany.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seed, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds for market gardeners. German Nurseries and Seed House, Box 700, Beatrice, Neb.

#### Contract Growers.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, cress, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, nigella, verbena. Waldo Rohner, Gilroy, Calif.

CORN Field, flint, and sweet corns, contract grower to the trade. Ratekins Seed House, Shenandoah, Iowa.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, Growers for the wholesale trade only. Brasil Seed Growers' Co., San Jose, Calif.

Florida grown watermelon seed. Hugh M. Taylor, contract trade grower, Lloyd, Florida.

Seeds, beans. Henry Flab Seed Co., Carpinteria, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

#### SMILAX.

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robinson & Co., Pine Apple, Ala.

Smilax. Wood Bros., Fishkill, N. Y.

#### SPIREAS.

Spiraea, Gladstone, \$2.50 per doz. Peach Blossom, \$3 per doz. Queen Alexandra, \$3 per doz. THE GEO. WITTBOLD CO., Chicago, Ill.

Spiraea. J. Smits, Ltd., Naarden, Holland.

#### STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Boehrs Co., Rutherford, N. J.

#### TRADESCANTIA.

Tradescantia, rooted cuttings, 60c per 100. Moshek Greenhouse Co., Onarga, Ill.

#### VEGETABLE PLANTS.

Forcing tomatoes, Comet and Lorrillard, 2½-in., \$2 per 100. Roney Bros., West Grove, Pa.

#### VERBENAS.

Lemon verbenas, 2-in., \$2; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.  
 Verbenas. J. L. Dillon, Bloomsburg, Pa.

#### VINCAS.

Vinca variegata, R. C., \$1 per 100; 2½-in., \$2.50 per 100. Moshek Greenhouse Co., Onarga, Ill.

Vinca var., 2-in., \$2 per 100. Geo. M. Emman, Newton, N. J.

Vinca var., 2-in., \$2 per 100; 18c per 1,000. Reeser Plant Co., Springfield, O.

#### VIOLETS.

Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

#### TO EXCHANGE.

To Exchange—Canna bulbs, rooted chrysanthemum cuttings or Sangano carnation cuttings for geranium rooted cuttings. Jos. F. Klinger, 812 Dunlap Ave., Forest Park, Ill.

#### STOCK WANTED.

Stock Wanted—1-year-old seedlings of the following: Cedrus Deodora, Colo. Blue Spruce, Biota aurea, Biota aurea conspicua, Biota Rose-dale, Japan Varolus trees, Pinus excelsa, Catalpa bignonioides, Catalpa Speciosa. Yancy Bros., Portland, Ga.

#### BOILERS.

Boilers. The Moninger-Furman, 200 size and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3002 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblein & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

#### BUILDING MATERIAL.

Building material. Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Building material of all descriptions for all cypress semi-iron frame or truss houses. Hotbed sash and frames. Lord & Burnham Co., 1133 Broadway, New York.

Building material, cypress sash bars, greenhouse material of any description. Write for catalogue. John C. Moninger Co., 902 Blackhawk St., Chicago.

Cypress for greenhouse construction, benches, etc. Baker-Wakefield Cypress Co., Ltd., Plainville, La.

Building material, greenhouse material and hotbed sash of Louisiana cypress and Wash. red cedar. A. Dietrich Co., 2642 Sheffield Ave., Chicago.

Building material, cold frames, hotbed sash, Hitches & Co., 1170 Broadway, N. Y.

Building material. Louisiana cypress, pecky cypress, hotbed sash. S. Jacobs & Sons, 1357 Flushing Ave., Brooklyn, N. Y.

#### GOLDFISH.

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue. AUBURDALE GOLDFISH CO., Chicago, Ill.

920 Randolph St. Chicago, Ill.

#### GLAZING POINTS.

Glazing points: See the point? Hold glaze firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c. Postpaid. Henry A. Drer, 714 Chestnut St., Philadelphia.

Glazing points. Lord & Burnham special glazing nails (solders). Lord & Burnham Co., 1133 Broadway, New York.

Siebert's zinc never-rust glazing points, 2 sizes ¼ and ¾, 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

#### GREENHOUSE CONSTRUCTION.

Greenhouse construction of all kinds and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitches & Co., 1170 Broadway, New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



## If You Want To Make MONEY

Don't be penurious, get the best there is in

## Greenhouse Construction

And then it will be easy, for you will have time to grow things well and

### THAT'S WHAT COUNTS.

The name **KING** stand for all that is best and reliable, whether in the Greenhouses themselves or in **Fittings, Shelf Brackets, Pipe Hangers and Ventilating Machinery.**

# King Construction Co.

Home Office and Factory: N. TONAWANDA, N. Y.

Eastern Sales Office: No. 1 Madison Ave., NEW YORK

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, semi-iron greenhouses new truss houses, iron frame houses. Lord and Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

#### GUTTERS

Gutters. Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

#### INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Insecticides. Carmer's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stoothoff Co., Mount Vernon, N. Y.

#### MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerrmoor, Pa.

#### MISCELLANEOUS.

Building and propagating sands, fire brick, fire clay, Portland cement, stonecrete and hard wall plaster. R. I. W. Damp resisting paint. Garden City Sand Co., Chamber of Com. Bldg., Chicago.

The Mastin Automatic Whitewash and Spraying Machine. J. G. Mastin & Co., 3124 W. Lake St., Chicago.

Draper's recording thermometers, 14x20 ins., \$30; 8x14 ins., \$20. The Draper Mfg. Co., 152 Front St., New York.

Model extension carnation support; galvanized rose stakes. Igoo Bros., 266 N. 9th St., Brooklyn, N. Y.

Cut Flower Boxes. For sizes and prices see advertisement elsewhere in this issue. The Climax Mfg. Co., 225 Factory St., Castorland, N. Y.

20th Century Soil Sterilizing Furnace, \$70. F. Walker & Co., 634 Fourth Ave., Louisville, Ky.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Cut flower boxes. For sizes and prices see advertisement elsewhere in this issue. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

New imported florists' baskets. The Radlein Basket Co., 713 Milwaukee Ave., Chicago.

Corrugated shipping cases. The Warner & Childs Co., Winchester St., Medford, Mass.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Superior carnation staple, 1,000, 50c postpaid. L. J. Waite, 293 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. L. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Poultry food. J. Bolgiano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

The benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

#### POTS, PANS, ETC.

"NUP-SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$5.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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## Horticultural Trade Journal

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The Horticultural Printing Company,  
BURNLEY, ENGLAND.

## Trade Directory

OF THE

## United States and Canada

Price \$3.00 Postpaid.

## American Florist Co.,

324 Dearborn St., CHICAGO.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**SIEBERT'S ZINC**  
Never Rust  
**GLAZING POINTS**  
Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40C per lb. by mail 60c extra; 7 lbs. for \$2.50 (5 lbs. for \$5.00, by express. For sale by the trade.

**RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburg.**

**Holds Glass Firmly**  
See the Point #1  
**PEERLESS**  
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75c. postpaid.

**HENRY A. DEER.**  
274 Chestnut St., Phila., Pa.

Seattle, Wash.

Since the holidays, business has been rather quiet, there being little but funeral work. Next month the nursery and seed business will begin, and the plant and cut flower trade improve. The weather here is such that in February sweet peas, nasturtiums and other annuals can be planted outdoors. The coldest we have had this winter has been 17 above zero.

**NOTES.**  
A meeting of the Seattle Rose Society was held in the Chamber of Commerce. Officers elected for the ensuing year were:

M. Sherbrooke, president.  
E. B. Bennett, vice-president.  
E. Stilwell, secretary and treasurer.

The president spoke of the society's work in the past, and of the preparations for a rose show and carnival to be held in June. The amateurs will be interested in the rose show, as it is for their benefit more than for the florists. He also stated that the park board is making a rose garden in Woodland Park where the new varieties of roses would be grown and properly labeled, that the public might know the best sorts adapted to Seattle.

The Interlaken Nursery & Floral Co. has gone out of business. J. J. Bonnell retains the nursery on the Interlaken boulevard and is starting a new nursery at Kirkland. A. L. Aabling will conduct a seed and nursery business to be known as the Aabling Seed Co. Mr. Aabling is no stranger to the business in Seattle, being formerly with the Pacific Seed & Floral Co. Two years ago he became interested in the real estate business, but he likes the old business better, and will be found at 89 Pike street.

The prospect for building this coming season looks bright. The Hollywood Gardens owned by Mrs. F. S. Stimson are to build a range at their new place at Darby across Lake Washington that will cost \$50,000 or more. The contract is let to the King Construction Co. Manager Gibson was thrown from his saddle horse and badly injured last November, but is improving.

The florists held a meeting in Rosaria Bros.' flower store for the purpose of having the laws so amended that they can do business without having the fruit inspector hamper them in shipping and receiving stock, for at the present time there is so much red tape it is impossible to comply with the law.

J. W. Thompson, park superintendent, had a bad accident at Summer last week. While running to catch a train he slipped and fell and badly dislocated his left shoulder, but he is able to be around and attend to his duties.

J. C. R.

ST. PAUL, MINN.—A fire destroyed the building at Fifth street south and Nicollett avenue, which was occupied by J. C. Eldredge.



## Colorado Sends to New York for Its Finest Greenhouses

That is to say, she has been sending to our New York factory at Irvington. But now with a factory at Des Plaines, near Chicago, we will make all shipments direct from there and cut out the freight cost for that extra 1000 miles haul. That will be a decided advantage.

This particular group of houses we erected for Mr. A. Coor, at Golden, near Denver. It is located at the very base of the Rocky Mountains. It was planned in ridge and furrow fashion so that it would fit as compactly as possible into the space between the building on the right and another one, out of sight, at the left. The result is certainly very effective.

It is Iron Frame construction.

It is fully described and illustrated in our new catalogue. Before you do a thing about building, you want to send for this catalogue.

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DON'T scoff at the small house. When room or needs are limited, one of our "eleven-footers" makes an ideal little proposition. This one is right close to the residence and you see how attractive it is.

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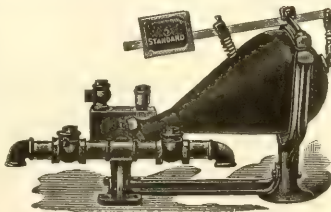
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Lock the door before the horse is stolen, and insure your glass before it is broken.

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SAY SO IN YOUR NEXT ORDER.

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For repairing split carnations. 1000 for 50 cents Postpaid. Sample free.

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Manufacturers and Patentee of The Only Genuine Immortelle Letters on the market. Order at once.  
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Every letter marked.

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10,000, \$1.75; 50,000, \$7.50. Manufactured by

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Sample free. For sale by dealers.

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We assure you that your orders or inquiries will receive our prompt and careful attention.

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Boiler for Greenhouses

No Night Fireman Required  
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**SELF-FEEDING HOT WATER BOILERS.**

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The Most Economical Type of Boiler  
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Of The United States and Canada  
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## Greenhouse Construction

BY PROF. L. R. TAFT.

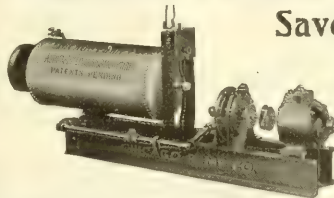
It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50**

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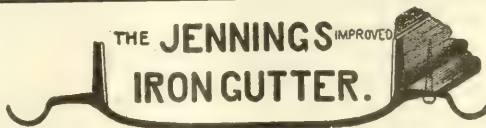
Is a wood that has come into very general use in  
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Use our patent  
Iron Bench  
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The Climax Manufacturing Company's  
Special Sale of

## Cut Flower Boxes

Look over our Freight Paid Prices before placing your Order

WRITE FOR PRICES ON VIOLET BOXES.

The Florists' Favorite Grade of Cut Flower, Design, Pillow and Shipping Boxes are made from Heavy Manila board, FULL TELESCOPE, therefore strong and rigid. For shipping purposes they cannot be equalled. Sizes and prices as follows:

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| 18x5x3*  | .....\$2.25 | 22x22x8                                                                                                                         | 12.00 |
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| 21x7x3½* | .....3.25   | 24x24x10                                                                                                                        | 18.00 |
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| 23x12x4* | .....4.50   | 30x30x10                                                                                                                        | 24.00 |
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Artistic Printing done free, in one color, in lots of 300 or more. Extra Charge of \$1.00 in less quantity. Two Colors, gold or green bronze double charge.

WE PAY FREIGHT on orders of \$15.00 or more east of the Mississippi River, west of this boundary line, we pay to the River. In addition to this a SPECIAL DISCOUNT of 10 per cent. is allowed on orders for 1,000 or more assorted sizes.

TERMS: CASH WITH ORDER we allow an extra 5 per cent. discount. Concerns who are worthy of Credit, we can ship on 30 days' time, but no discount will be allowed unless the invoice is paid within ten days from the date thereof and only at the rate of 2 per cent. Send us a Trial Order To-Day! Our boxes will please you. Quick Shipment is OUR HOBBY.

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H. BAYERSDORFER & CO.



Florists'  
Supplies.

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Send for our new catalogue.

Columbus, O.

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The Columbus Floral Co. is cutting a fine lot of carnations and reporting ready sale for them. This firm expects to add two houses, 35x400 each, in the spring.

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R. M. B.

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For Freight and  
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STYLE S.C.

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These cases are made of heavy waterproof corrugated fibre board, and are accepted by railroads same rate and classification as wood cases. They will stand more rough handling, are much lighter, can be sealed with less expense than nailing covers on wood cases, and are supplied flat, effecting a great saving in storage room. We make them all sizes and for all purposes.

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WRITE FOR FURTHER PARTICULARS.

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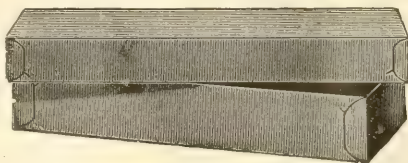
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CUT FLOWER  
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All sizes, lowest prices. Write.

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Our line of baskets contains many absolutely new designs that have never been seen in this country. It is all freshly imported stock from Europe, and is the work of true artists. Let us send you a sample trial order. We know we can please you. Call and see us when in Chicago. SEND FOR FREE CATALOG.

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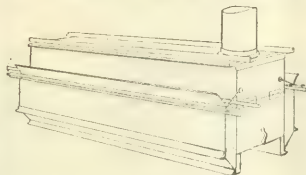
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Manufacturers and Dealers of

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# 20th Century Soil Sterilizing Furnace

**For Sterilizing Soil, Killing All Weed Seeds,  
Insects, Worms and Fungus.**



It holds the soil to be sterilized at sides as well as top, and a very little fuel is needed. Made of heavy Sheet Iron, reinforced with Angle Iron, and is strong and durable. It is 2 feet high, 2 feet high and 9 feet long, and heats the soil thoroughly without having to be stirred or manipulated.

Price, 70.00, but will make a special offer to introduce to the first buyer in any locality. **SEND FOR CIRCULAR.** Patented Nov. 22, 1910.

**F. WALKER & CO.,**

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**THE BEST  
Bug Killer and  
Bloom Saver**

For PROOF  
Write to

**P. R. PALETHORPE  
COMPANY,**

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**PERFECT PLANT FOODS.**

**THOMSON'S Vine, Plant and  
Vegetable MANURE**

Unrivalled for vines, tomatoes, cucumbers, all flowering foliage and fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30 years. The result of many years of practical experience.

Sold by leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topping Manure, An Excellent Stimulant.

Freight paid on quantities: liberal terms to retailers. Write for our special offer to the American trade. Agents' circulars, pamphlets, etc. to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.

**Wm. Thomson & Sons, Ltd.,** Tweed Vineyards, Clovenstone, Scotland.

## The Mastin Automatic Whitewash and Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your dealer about our **Extension Hose, Extension Rods,** and the **Mastin Whitewash Nozzle** for Bordeaux mixture.

Sold through Seedsmen, Dealers in Florists' and Poultry Supplies.

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**INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless  
to vegetation.**

**Kills Green Fly, Aphides, Bark Lice,  
Thrips, Weevils, Bag, Red Sucker, Scale,  
Wire Worms, Ants and Slugs.**

This is the Grower's Friend. Handy to use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

**PERFECTION CHEMICAL CO.,  
FLUSHING, N. Y.**

Approved by the New York State Agricultural Dept. Certificate No. 225, July 8, 1910

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Pure—dry—uniform and reliable! The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

**Pulverized  
Sheep Manure**

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for indoor top-dressing. Unequalled for all field use. Write for circulars and prices.

**The Pulverized Manure Company**

32 Union Stock Yards.

Chicago

### Wichita, Kans.

Holiday week showed the usual fair business with good stock for most demands. Since the first of the year the trade has been good and steady, with a few extra spurts for funeral work. Taken as a whole, the trade conditions have been fairly satisfactory in volume, and have kept stocks pretty well cleaned up. This has been especially true for the past two weeks, owing to cloudy weather, which seems to have prevailed so generally over the entire country that Wichita florists have had to do considerable skimming to find stock, even in the larger markets, with which to keep up their supply. Funeral work has provided a large part of the demand and this has provided an outlet for quite a lot of bulb stock. The territory around Wichita is still dry, no rain of consequence having fallen since October.

#### NOTES.

The new year landed with the first real blizzard of the season. The temperature down to 9 below zero and a wind of about 30 miles an hour. It was a test on heating equipment and construction. Except for a few isolated "corners," however, no serious cases of frost are reported. F. Kuechenmeister and W. H. Culp & Co.,

who have been using gas for fuel, were obliged to make a quick change to coal, owing to a gas shortage which affected the whole city and made coal hard to get for about 24 hours, till teams could be found for hauling.

A sort of epidemic of lagrippe seems to have followed the cold snap, and the florists have not been overlooked. C. P. Mueller's store force have all reported for duty, but indisposition was not absent either. With the force at Culp & Co.'s, it was some worse. For

the past 10 days three, and a part of the time four, have been absent, owing either to personal illness or illness in their families. W. I. CHITA.

GARDEN CITY, KANS.—Owing to insufficient and defective heating in the greenhouse which was used to propagate the stock for the parks, the plants were entirely destroyed by freezing early in January. The house belonged to President Norris of the Park Board.



# A. DIETSCH COMPANY

2642 Sheffield Ave.  
**CHICAGO**



## Greenhouse Material

### Hot Bed Sash

Do you wish to have a perfect gutter, lasting, not leaking, not sweating? Use our Cedar Gutter.

*Mention the American Florist when writing*

**GREENHOUSES.**  
MATERIAL FURNISHED  
AND  
MEN TO SUPERINTEND  
ERECTION IF DESIRED.  
**CYPRESS SASH BARS**  
ANY LENGTH UP TO 32 FEET LONGER.  
THE J. L. STEARNS LUMBER CO.,  
NORFOLK, BOSTON, MASS.

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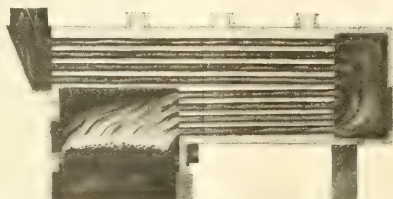
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# THE AMERICAN FLORIST



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CHICAGO AND NEW YORK, FEBRUARY 11, 1911.

No. 1184

## THE AMERICAN FLORIST

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meeting at Boston, Mass., March 31-April 1.  
Second National Flower Show, Boston, Mass.,  
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### AMERICAN GLADIOLUS SOCIETY.

Next meeting and exhibition at Boston, Mass.,  
March 30, 1911. L. S. HENDRICKSON, Floral Park,  
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## HALF HOUR CHAPTERS FOR PLANT GROWERS

### Dracaena Indivisa.

One of the most useful plants for the grower of bedding plants, especially for urns and baskets is the *Dracaena indivisa* and it also is very useful in the small stages for fern dishes or basket combination of plants. They are very easily raised from seed which should be planted during February and early March. Sow the seed rather thinly so that they will not have to be disturbed in too young a stage and they can remain in the seed flats until later when there will be more room and then they should be potted in 2-inch pots. They can be planted out in a bench in the house during the summer months and lifted when the bench room is wanted and fine plants procured for another season. The small plants for this season should be looked over and if necessary potted up and the plants carefully gone over, removing any scale if there are any upon them.

### Preparations for Spring.

The preparations for the spring should now be in progress, propagation in full swing, and the planting of seed beginning, and it is the time for the grower to stop and perfect his plans for the coming season if it has not been already done, and think of the shortcomings of the previous year. Every year some growers have quantities of certain kinds of stock to either throw away or dispose of at an extremely low figure, and have to buy other stock which could have been grown, at good prices. Of some varieties of the plants grown for flowers there is always an over-supply and of others a shortage, and of some varieties of plants there is always a demand, and when wanted good stock is unprocureable. This is the time to look over the last year's work and notes and plan to overcome these failings. It seems to be the practice of some growers to plod along year after year in the same rut, to grow just so many of each kind regardless of whether there is call for it or not, to put up all of the seed that germinates whether it can or cannot be made of use, with the result that the house is overcrowded with an im-

mense amount of stock that is poorly grown and will not bring the proper returns. A little time looking over the results of the past and noting these mistakes, purchasing the stock that is going to be needed when it can be bought at a low price, and thoroughly planning for the coming season's work is time well spent and will greatly assist in closing many leaks. This is the time to prepare for the spring sales, and it should be done now.

### Lilacs.

There is a growing demand for fine sprays of lilacs with the best trade, and if well grown are very taking and quite remunerative for the cut flowers always bring good values. The imported plants can be procured very cheaply and in both bush or tall forms, for either growing pot plants or for cut flowers. They force very quickly and easily; the plants should be started in cool temperature until the buds begin to swell, when they should be removed into a warmer home. They will require copious watering and constant syringing until the flower buds form, when the overhead watering should be stopped. They can be brought into bloom in three to four weeks after starting later in the season, so the plants that are desired for Easter should be kept in cold quarters for some time yet.

### Chrysanthemum Pot Plants.

The grower intending to grow pot plants of chrysanthemums should now be making ready to propagate them for where the plants are grown throughout the season in pots and are properly nipped back, it will be impossible nor is it desired to get the strong, rank growth which is obtained in the bench or stock planted in the open. Select the varieties that are close and short-jointed and have a good bushy habit and are amply provided with foliage. The varieties that make nice bush plants and are of easy culture are not many, the newer varieties that have been disseminated in later years have all been grown with the specimen bloom as the dominant feature. W. H. Lincoln, Golden Age and Robert Halliday for yellow; Helen Clay Frick,



May Forster, Polly Rose and Garza, white; and Glory of the Pacific, Cosmos, Mayor Weaver and Mizpah, pink, are all good varieties and fairly easy of culture. The cuttings should be struck by March 1, and potted in 2½-inch pots. As soon as the plant has obtained hold in the soil and begun to show growth the tip should be rubbed out with the thumb. Many growers wait until the plant has attained a height of three or four inches and then pinch back an inch or more. This is a mistake for it not only wastes so much of the strength of the plant but cuts back into the wood where it is much slower to break and starts more unevenly. By rubbing out the very small tip the plant itself receives but very little check and the breaks are much more even. This should be continued throughout the growth of the plant as soon as the shoots are four eyes long. The plant should not be allowed to get pot-bound but should be shifted on as rapidly as it needs to be.

#### Salvias.

The grower who wants fine large stock of salvia, it is not too early to get the seed planted. To have plants in 4-inch pots with buds showing by the bedding-out season, the seed should be sown by March 1, at the latest. This is especially so of *Salvia splendens*, the dwarf varieties such as Bonfire or Clara Bedman will form their buds much earlier. Zurich is a variety that is very popular with some growers; it is of a nice dwarf habit and an early and prolific bloomer. The seed should be sown thinly and placed in warm quarters and as soon as the leaves have formed potted in small pots and shifted along as fast as necessary. As soon as the plants are two and a half or three inches high the tips should be pinched out that they may break into bushy plants. If any stock plants have been saved they should be brought into heat, and the cuttings propagated. The plants after being potted should never be crowded, giving them plenty of light and air, and occasionally syringed to keep down red spider, which will attack them if the atmosphere is at all dry. The white-fly is very apt to gather on salvias and will quickly ruin them; the only remedy for this little pest is hydrocyanic acid gas.

#### Metrosideros.

A great variety of plants is an actual necessity at Easter and a plant that is sure to attract attention of the customer is the Bottle Brush (*Metrosideros*). It is a plant of very easy culture and the majority of the plants grown in this country are imported from Belgium. They can be very easily grown in this country but are used in such small quantities the culture would hardly pay. To have them in bloom for Easter they should be now placed in a cool house with a night temperature of about 45 degrees and later moved into a warmer house by the first of March, where the temperature will be about 65 degrees and they should be very handsome plants for the Easter trade.

HARTFORD, CONN.—The window of the store of Spear & McManus contained last week a beautiful display of different varieties of orchids, grown at the houses of the A. N. Pierson Co., of Cromwell.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Orchids for Decoration.

The thing that militates most against the use of orchids in cut flower decorations in this country is the fact that so few species, outside of cattleyas, are grown. In British and continental countries the number of kinds grown by the trade for cutting greatly out numbers that handled by our growers who, naturally, will not grow species they cannot sell. Now cattleyas, fine as they are for personal wear and for use in large designs, are not, it must be admitted, so graceful as many of the smaller kinds, the beauty of which is well shown in the accompanying illustrations.

Take the beautiful *odontoglossums* of the *crispum* and *Pescatorei* sec-



Irwin Bertermann.

tions. There is nothing finer for cutting in the whole range of orchids. Growers say they cannot succeed with them because of the great heat of our summers. Possibly with the style of house now used there is something in this, but the writer remembers well when the growers on the continent of Europe said the same thing and, outside of the British islands, there were few good *odontoglossums* grown. But there are no finer *odontoglossums* in the world today than those grown by the continental men, especially those of Belgium. They, long ago, showed the Britishers what could be done with the Belgian leaf mould and some of the most magnificent varieties extant have come from the Belgian growers. We hope to see the time when some good private gardener will, by building the right kind of house and treating his plants properly, show the trade that these lovely plants can be grown, and grown well, in this country. Then trade growers will take them up and retailers will be able to secure a regular supply of flowers instead of the spasmodic and unsatisfactory supply they now receive.

*Phalenopsis* again is a lovely genus containing such gems for cutting as *P. amabilis*, *P. Schilleriana*, *P. Stuart-*

*iana* and *P. grandiflora* of the large flowering kinds to say nothing of a host of smaller but bright and effective species well worthy the attention of growers. *Dendrobium Phalenopsis* is hardly less beautiful than the *phalenopsis* themselves and far easier to grow. The old *Coleogyne cristata* is fine for cutting, easily handled, and presents a fine flowering return for the little trouble necessary in its culture. It thrives well in any fairly moist house in winter and in summer can be grown outside in a shady frame or pit. The *cyripediums* are a host in themselves from the well-known *C. insignis* to the beautiful long sepalled *C. caudatum* with its long tail-like appendages that look so fine in floral decorations. Then there are several species and hybrids of the *selenipedium* section, such as *C. Sedeni* and *C. Schlimii* that are very bright and telling in bouquets or other arrangements to say nothing of the beautiful hybrids related to *C. Spicerianum*, which are among the finest in the genus and quite indispensable to the cut flower grower.

A little bright color is always a fine addition to any orchid decoration so many species being of mauve and other neutral tints. *Lælia harpophylla* and *L. cinnabarina* are two of the brightest in the genus, and another very telling and beautiful plant is the showy *Epidendrum vitellinum*. *Sophronitis grandiflora* and its varieties are among the brightest red flowers in existence, but they are too short in the stem to use without wiring and, unlike the dendrobiums, have no long, stem-like pseudobulbs that can be cut with the flowers. *Dendrobiums*, as a genus, are peculiarly adapted for decoration owing to the bright and showy character of the flowers and the great freedom with which they are produced. *D. nobile*, *D. Wardianum*, *D. Pierardii*, *D. infundibulum*, *D. formosum* and almost any of the hybrid forms are useful and beautiful plants for the purpose indicated and each possesses some special merit. There are a great many other kinds that could be mentioned as suitable for creating beautiful effects such as those shown in the pictures. Their scarcity in short is by no means owing to lack of material, simply owing to the fact that those at command are not grown.

### Retail Store Management.

Paper read by Irwin Bertermann of Indianapolis, Ind., before the Detroit Florists' Club, February 6, 1911.

The retail flower business may well be classified in two well defined parts: The commercial and the ideal. It is most essential that the sterner force which propels the larger industries be combined with that more subtle and delicate artistic loving nature. It is not enough to master the art of buying and selling—it is necessary to live the veritable life of the flower; to love and to be able to personally arrange them in beautiful combinations, or to constantly teach others to imbue them with a masterful individuality. The retail storeman, to gain prominence, must be a composite of the Italian, with his love of art; the German, with his perseverance and perfection of detail; the Persian, with his knowledge of color; and, last but not least, the leader of the van, with salesmanship and push—our Yankee. Some of the flower dealers learn more toward

one qualification than to another. One well known retailer, who possesses a fine knowledge of figures and segregation, manages his business efficiently and in entirety from his office; another, with an innate taste for the beautiful, manages directly among the flowers and throws bookkeeping, figuratively speaking, to others. Suffice it to say that no matter which policy a retailer pursues personally, he must be most careful that not one or the other be forgotten in rounding out a business.

There is more commercialism in the flower business than there was ten years ago and there will be more in the future, so it behooves all who would be among the "survival of the fittest," harsh though that may sound, to adopt the bulwark of the larger American industries and apply system throughout. Individuality has its merits, and the storeman who arranges flowers with taste and skill is to be admired as a creator of the finer arts, but like all others, must become a unit where the great volume of trade is subservient to the iron hand. It takes no more exertion for a man to do a large business under a system than it does to do a very small one without such advantage, and if anything, the favor comes to the larger, as it is certainly more of a pleasure and a credit to manage it. The foreign trade papers are, or should be, a source of much learning. Years of plodding has taught the older countries an insight into perfected detail which is hard to discover among ourselves. Our goal has rightfully and honorably been the dollar, but for the sake of finer beauty and success, also more dollars, it is well to take notice of the beautiful wreaths, baskets and easel arrangements of Russia, Germany, France and England.

We are storemen in a wonderful country. The growers are producing elegant stock, so let the retailer show nature's productions in their most exquisite arrangement. The cost per hour of a well decorated window is in direct proportion to the amount of store rent paid. A well arranged window is one of the best advertisements a dealer may have, and it should always be of utmost importance to keep the same trimmed in excellent taste. Unlike other lines of trade, the florist has the finest material at hand, and rarely is it necessary to introduce other materials to make it attractive. In fact, goods other than those regularly supplied as accessories, should be discouraged in featuring a window. There is no better taste than flowers, and as we derive our livelihood therefrom, why promote other attractions? Harmony in color, by allotting a whole or a distinct part to one shade of flower, adds much to the general appearance of the window.

Many of the storemen are adding automobiles to their chattels and the consensus of opinion seems to have relegated the horse to the past. The urgent time calls; the long hours and the important events of life with which the retailers have to contend, make automobile delivery of peculiar value to the retailer, and its use should be encouraged as a useful, rather than an extravagant part of the equipment. Let it be omnipresent, though, that we are florists, and are not endeavoring to degenerate into a greasy garage manager, who can do repairing much better and more eco-



ORCHIDS FOR DECORATION.

Arranged on Pedestal by a London Florist.

nomically, while we are engaging a fancy customer.

Most important is it for the leading retailers to produce or to deal in novelties. It would be a grand thing were it possible to sell the same article each year, but destiny will not have it so. Catering to the public makes it imperative to have something new or novel at all times. The flowers need not be new from the trade standpoint, but it is requisite to have a refreshing change for the flower lovers. There are created styles in flowers and they keep changing. What was regarded as old and uninteresting a generation previous, may be a good selling article at present. Antirrhinum, bouvardia

and Bon Silene roses were favorites with our grandmothers, but are in style right now, made up with paper holders used during Napoleon's reign. Mignonette, pansies forget-me-not, and carnations will never grow old, but the grower and retailer should conspire to present something different at all times. Novel arrangements are as essential as novel flowers and no opportunity should be overlooked in placing before the public a new and meritorious combination of nature's wares. Corsage bouquets, made of older varieties of flowers, have grown wonderfully in demand, and are a source of much revenue to the present day dealer.



At least forty per cent of the storemen's business might properly be classified as counter trade, so the importance of packing flowers carefully, in a neat box of up-to-date pattern, and adding a few finishing touches in the way of ribbons, Farleyense ferns and flowers must not be overlooked. Counter trade is a certain barometer of the state of trade and, like that instrument, fluctuates quickly. The many details in connection with this important branch are often ably taken in hand by Fritz Bahr, Gertrude Blair, and other able retail correspondents of the florists' press. Their ideas may often be enlarged upon and the incentive given the fagged, but energetic, shopman is not to be underestimated. It is up to him to effect an opening for the great mass of flowers thrown upon the market by millions of feet of glass, and any suggestion in furthering their sale is of immense general value.

"Take care of your business and your business will take care of you," as Poor Richard's Almanac had it, is certainly an axiom worthy of every retailer. The flower business is not so conducive of financial results as are found in other commercial lines, but the instances are few in which the returns are not sufficient provided the above axiom is closely adhered to. Opinions differ greatly as to the best method of advertising. There are many effective ways. Some use newspapers, others magazines, some programmes, and others none at all in the way of printers' ink, but in actual energy in their display of flowers and in the class of goods furnished. All of those mentioned and others receive the support of the public if done in an energetic manner and supported in actual facts.

One of the most promising institutions—The Florists' Telegraph Delivery—is still in its infancy. The amount of business transacted mutually between cities is no small one, and with the plan, outlined by the president of the association, J. A. Valentine, generally accepted, this source of revenue should be greatly increased. No retail florist in the larger cities could afford to be without the protection and advantages thus offered at a minimum cost. A rough estimate of the exchange flower trade would put the total amount at three hundred thousand dollars in this country. So the importance of the undertaking is obvious.

Orchids and gardenias, articles de luxe a few years ago, have become staple articles in cities with over two hundred thousand population. Custom may complain at times that prices are high for fancy flowers, but still it is seemingly the unusual and the higher priced goods which satisfies. The flower standard grows higher each year, so the retailer in a city of five hundred thousand sells more than twice as much as when the city was half that size, as the patrons have grown proportionately richer. When recognition is taken that New York City's millionaires are now to be counted in the thousands, whereas twenty years ago there were perhaps less than one hundred, we can see the direct reasons for changing our business methods, and look forward to standards which will place the retail florist in the front row of industrial pursuits and gain respect as a representative type of American business men.

A progressive flower store, tasteful in appointment, absolutely clean, with efficient salesmen and flower workers attaining the reputation of handling meritorious goods, must be ably managed. The ideal manager, a rare individual, must possess the executive qualities usually attributed him. Further, he should have the fine artistic ability of a Thorley, Battles, Palmer or a score of others, who have won distinction for their class and whose work stands forth as a challenge to all who would do better.

### Propagating Carnations.

ED. AMERICAN FLORIST:

Can you inform me what would be the probable percentage of carnation rooting in a propagating house with the night temperature at 65° to 68° and a day temperature of 70° to 80°? Nebraska. J. W. M.

It is next to impossible to give an accurate account of the percentage of

### Bedding and Other Plants for Spring Sale.

The necessary work connected with the working up of the general line of plants for spring sales and bedding out commences to crowd rapidly along now. One of the leading features of this work just now is to get the geranium stock well in hand. Geranium plants to be salable, must be dwarf, stocky plants well in bloom. To get them in this shape they will need constant attention right along from now until they are either sold or planted out. Those that are intended for sale in 4-inch pots at Decoration Day or earlier, should now be potted into 3-inch pots, in fact, if this is not done by February 15, it is a question whether they will be in first-class shape for Decoration Day. The fall struck stock, after being held in 2 1/2-inch pots since last October, are now very much in need of a shift, and they will quickly take on a rapid growth after being potted up. If any of them have lengthened out too much,



ORCHIDS ARRANGED IN BROMELIAD.

rooting under the conditions stated, there being so many more conditions to be reckoned with, notably, the sand and the care. There is not any reason why the cutting should not root just as well as under the condition of 50-54 house temperature and 56 degrees bottom heat in the sand, but it would be at the expense of weakening the cuttings. A temperature as mentioned in the inquiry, would be a degree of forcing in every sense of the word, and it would not be at all natural to take cuttings from plants accustomed to a night temperature of 50 degrees, and subject them to 15-20 degrees higher. Considerable rotting among the young plants cannot fail to be the result.

C. W. JOHNSON.

nip out the tops to cause them to break out and become bushy. For this potting, the soil should have more life than that used in potting up the cuttings, but it will be a mistake to add manure in very liberal quantity. One part of well rotted stable manure to five parts of fresh soil, with a 4-inch potful of bonemeal added, to every wheelbarrow load of soil. Pot firmly, to encourage a short sturdy habit, also after the first watering in, allow them to get a little on the dry side before watering again; this should be followed up right along. Geraniums rebel very forcibly against too much water. An over-abundance of water will cause luxuriant leaf growth but at the expense of good trusses of flowers. They need a light, airy house

and to be grown cool, the general carnation temperature suiting them to perfection, and as the carnation is usually the one that has to make way for the geranium and other bedding plants, there is not any place better adapted for them. They can now be set pot thick, but as soon as they begin to draw up, they must be spaced out and given more room.

Pansies which are now in the seed flats, and are large enough to handle, should be transplanted into other flats, using a live rich soil. Allow enough space between the plants so that they will not have to be disturbed again before the outside conditions are favorable, for their being planted out in the cold frames, which is usually the latter part of March or early in April.

Verbenas, dwarf lobelia for bedding, and some of the speciosa variety for vases, centaurea, dwarf sweet alysum, ageratum, bellis, petunias and any other of the standard line of annual bedding plants should be sown now. The main points to observe, so as to secure a good stand of seedlings, are to use a fine soil that has been warmed through, not to sow too thickly, and not cover with soil any thicker than to cover the seed; also keep the soil in the seed flats just moist, never letting it become over dry or sodden with water.

This is the time for overhauling the vines intended for vases and window boxes. Vincas, that were lifted from the field and potted into 4-inch pots, are ready now for a shift into 5-inch; they may appear to be all right at present, but they are bound to suffer if carried through without any repotting. Some growers lift their plants from the field in the fall and plant them along the edges of their carnation benches; these must be potted up now to get established in the pots for spring work; they will not stand to be left where they are and planted direct to the vases, because they will wilt too much and drop their leaves. English Ivy is now very largely used as a vine for large vases and window boxes. These also should be now in pots. Plants lifted from the bench and planted direct to the vases are also not any more satisfactory than the vincas. The best place for these, for the time being, is along the edges of the benches where the vines can hang down, care being taken to guard against their getting bruised, as every damage mars the appearance of the glossy green leaves.

The alternantheras are beginning to make fresh roots again, and it might be said that the critical stage has been passed; from now on they will continue to grow, if given plenty of heat, and kept a little on the dry side. Any flowers that appear should be trimmed off, as they only retard the plants. If the plants have been carried over in flats, or planted out in benches, they can now be potted up, provided a place is available, where they can get a bottom and top heat of 70 degrees, which will start them into growth, so that by the end of March, when they are transferred to the hotbeds, they will have gotten a good start.

It is a little early yet to disturb the Echeveria, unless they have grown together and are becoming drawn. In such cases, they should be refatted and spaced out; also, if as many prefer, that these plants should be potted for selling, now is the time to attend

to this. The propagation and working along of the Mme. Salleri geranium for bordering should be followed up closely if the cuttings have not given the required number. The stock plants can now be divided, potted up singly and grown on the same as the young plants.

Heliotrope, fuchsias and other spring flowering plants need to be worked steadily along. They delight in a fine porous soil, a cool temperature and must be closely watched to keep them free from insects, to which they are very susceptible. Coleus and achyranthus can also be propagated now.

### Summer Blooming Bulbs.

Paper read by Isaac S. Hendrickson of Floral Park, N. Y., before the Massachusetts Horticultural Society, Boston, Mass., February 4, 1911.

I do not presume to bring to you anything particularly new or startling in this talk about summer blooming bulbs, but perhaps together we can bring out some interesting points on a subject that is old, yet ever new, for while bulbs are simply bulbs, always have been, and always will be, requiring about the same treatment in the way of culture, etc., that has been in vogue for all time; when we once take up the subject and delve into



PRETTY BASKET OF ORCHIDS BY A LONDON FLORIST.

They require a brisk bottom heat and after they are rooted should be given a light rich soil, and placed in a warm light house. C. W. JOHNSON.

### When to Propagate Verbenas.

ED. AMERICAN FLORIST:—

Will you inform me when is the proper time to propagate verbenas to have them in bloom, in 2½-in. pots in May?

SUBSCRIBER.

To have nice verbenas plants in bloom in May, the cuttings should be propagated early in March. Plants propagated the last of March or first of April may be had in bloom late in May if the weather conditions are favorable, but they will be small. W.

species, varieties, freaks, etc., there seems to ever be something new. It is like walking in a rose garden on a morning in June, as we walk we see the same kind of roses we have seen year after year, yet when we stop to examine our favorite "Jack," or "Mrs. Laing," or Frau Karl Druschki, we are led to exclaim was there ever such exquisite beauty revealed to any one before this particular morning. There is something very fascinating about bulbs to nearly every flower lover, and rightfully so, for no class of plant life can give more enjoyment. There seems to be something almost human and immortal in a bulb as we handle and examine it, and find that very often the perfect form of the future flower is



wrapped up and hidden in the heart of the bulb. When we buy seed from the seedsman, it requires almost a professional gardener's skill to bring forth the flower, but not so with the bulb, for when you receive it from the hands of the grower it already contains within itself the food for the future flower. I suppose that nearly everyone in this room today has cut a hyacinth bulb in half and discovered the tiny blossom in perfect form ready to push out in perfection of bloom when submitted to proper conditions. I shall never forget my sense of wonder when I first discovered this secret, and I have ever since held a peculiar feeling for a bulb. In speaking of summer flowering bulbs, we expect to deal in nearly every case, with what we call tender bulbs, or in other words a class of bulbs that must be planted in the spring, cared for during the time of bloom, which is usually during the warm months, and then lifted and stored in a warm storeroom or cellar away from cold and exposure, treated with almost as much care as a child, in fact, when we stop to think of it, there is something very human about all plant life and specially so with the tender bulbs, but I think you will agree with me when I say they are worth their extra care when we fully realize their possibilities in the way of bloom. To take our subject alphabetically, we will begin with

*Amaryllis formosissima*, called "Jacobean lily," or "Indian red daffodil." While this bulb is really a *Sprekelia*, and not an *amaryllis* at all, we seldom hear it called by its true name. It is a native of South America, and was first introduced in Europe in 1593, but owing to its being classed with the daffodils, and its nature not properly understood, it was soon lost to cultivation for a time until greenhouses and stove houses were brought into use so the tender bulbs could be protected during cold seasons. It is one of the first and brightest of the tender bulbs to bloom, they are hardly more than put in the ground when the bright red petals push their way through the brown earth in advance of any foliage, and when they are planted in quantity the effect is striking. It must be a sight to see them blooming in their natural haunts. Miller's Gardening Dictionary speaks of them as producing flowers two or three times a year, but this I do not know from experience. For garden culture, plant the bulb in May, and cover about three inches; when the foliage has ripened in the fall they must be lifted and stored in a warm place. We next come to the arums, which are often called "Snake lilies," "Black callas," "Monarch of the East," etc. For my part, I cannot see any particular beauty in these bulbs, the flowers of which emit a very disagreeable and offensive odor; however, there seems to be quite a demand for them, so the fact of their making a large bulb may account for it somewhat, or they may be useful for foliage effects after removing the blossoms. A bulb that should be better known and more freely planted is *Bessera elegans* or "Coral drops." It is a very small bulb, but the red flowers are borne on long graceful stems, which make a pleasing effect when planted in clumps, and are useful for cutting. They are native of Texas and Mexico. In connection with this bulb I would like to divert from the alphabetical order and mention two

other bulbs which are often classed with *Bessera*, and called the three Mexican gems, namely, *Cyclobotria flava*, a very graceful plant with bell shaped flowers, color, bright yellow dotted brown, and *Milla biflora*, often called "Mexican Star of Bethlehem," producing the purest waxy white flowers imaginable, often measuring about two inches in diameter. A class of summer bulbs recently come into prominence are summer blooming callas, or correctly spoken of as *Richardias*. Several new and valuable varieties have been produced, and introduced during the past few years, among them I will mention the following: *Aurata*, called the "Lemon calla," has a light lemon yellow flower with a chocolate patch in the throat, which brings out a conspicuous contrast of color, the foliage is spotted white. Mrs. Roosevelt is a late introduction and sometimes comes very fine; the flowers are white, tinged with lemon, not very free flowering. *Rehmanni*, largely advertised as the "Pink calla sensation," is a dainty little flower much smaller than most of the other callas, and I am

inclined to think it is useful as a novelty only. *Pentlandi* certainly produces a very beautiful flower of a rich golden yellow, but the bulb appears to be weak and not very prolific, so it appears that if a yellow calla is wanted (and I believe it is), we have everything that can be desired in the variety *Elliotiana*, "the peer of them all," not a new one by any means, but one that is not known as it should be. I have seen quantities of this calla on a commercial place grown and treated just about the same as one would treat potatoes, and the sight when in flower is indescribable; you can get some idea of it when I tell you the flower is nearly, if not quite as large as the ordinary white calla of the greenhouse, and the color a beautiful deep golden yellow, not simply tinted yellow or lemon, but actually golden yellow, and every bulb will produce a bloom; its time of flowering is July. It must be taken up in the fall, and cared for about the same as a *gladiolus* bulb.

*Cooperia pedunculata*, commonly known in the south as "Rain lily," or "Fairy lily," is a bulb that produces a



JAPANESE LONGIFLORUM MULTIFLORUM LILY.

As Grown by Samuel Pearce, Chicago.



EASTER LILIES AT THE DONALDSON GREENHOUSES. MINNEAPOLIS, MINN.

beautiful little white waxy, fragrant flower which opens usually at night, and remains open for three days and three nights, closing on the fourth day. In their native haunts it is said they often bloom two or three times a season, clusters of them springing into bloom immediately after every shower. In the north, they must be treated as other tender bulbs; they can be planted in May about three inches deep; they flower about August. They should be lifted in the fall, and kept in dry soil. *Cooperia Drummondii* or "Evening star" has a longer tube than the "Rain lily," but the flat portion is not as wide. It blooms later and the flower does not last as long, *Eucomis punctata*, "Pine-apple flower," does not seem to be very common, but it is really a most satisfactory bulb; it is a native of Cape of Good Hope, but does very well in the open ground, treated as other summer bulbs. It produces a wavy, crinkled foliage from the center of which shoots a stem about two feet high with a head of greenish white flowers with dark centers; not hardy, so must be lifted and stored.

While I understand that the subject of gladioli has been treated at a previous meeting of your society, I am going to ask that you bear with me for a few moments, as I feel I must touch on this very important, if not the most important, group of summer blooming

bulbs. First as to the pronunciation. I am free to admit that I incline to the old fashioned way of gladiolus, and I believe I have some good authorities to bear me out, but as I know some of my best friends are on the other side, perhaps we will have to compromise and adopt the language of the vendor on the street, and just call them "Glads." Whichever way we decide to pronounce the name, they are a class of bulbs demanding our attention now as never before, and with cause; for never before were such beautiful and vivid colors seen in any flower, and I believe that we are only on the threshold, so to speak, of what is in store for us in the way of color, size and beauty in the gladiolus, and where is there any class of bulbs or plants with the possible exception of dahlias, that will give us such a protracted season of bloom with so little care and attention? The bulbs can be planted with safety just as soon as the ground can be worked in the spring, and by planting in succession up to July, the blooming season will extend from July to October freezing weather. The progress made in the development of this "King of summer flowering bulbs" is certainly remarkable; where a few years ago a few small flowered varieties were now and then seen, and occupying only a small part of the seedsmen's catalogue, they are now grown by nearly

every flower lover, and the dealer is giving them more and more attention every year, and I believe the time will come when they will be as widely known as the rose, dahlia, sweet pea, etc., for they are indeed the "Orchid of the common people." Their low cost combined with their ease of culture puts them within reach of all. While they will yield good returns with ordinary treatment, they will surprise us if given a little special treatment in the way of good rich soil. I would advise planting the bulbs about four inches deep in garden culture, as they then will be better able to withstand any drought they may have to contend with, and will not be disturbed so easily by the wind, as is the case when planted shallow. It has been said that the matter of naming the varieties has been overdone, and I certainly agree in this, as I do not believe any other class of plants has been blessed with so many descendants, and perhaps you will be surprised when I say that I have in my possession an indexed book containing the names and descriptions of nearly 3,000 varieties; of course, most of these are from foreign catalogues. However, as the raising of new varieties from seed is so very easy, and so intensely interesting, we shall probably never see the end, and of course we do not want to if the future will bring forth varieties



of real merit, but the danger lies in the fact that many are raised and named by people who have no way of knowing, or do not take the trouble to find out, just how good or poor their pets are when compared with varieties already in commerce. The recently formed American Gladiolus Society, hopes to do some good work along these lines. Just a word in regard to the habits, etc., of the various varieties. We are very often asked why the light and more beautiful colored sorts are more expensive than the dark; my answer is—that in nearly nine cases out of ten, the light colored sort will produce only a small percentage of bulblets where a dark or inferior sort will produce an abundance, for example, the bulb I have here is a very ordinary variety, and one that is very persistent in its growth and habits. Observe the large number of bulblets. This other sample is a much finer variety, and note the absence of bulblets. Again, when we watch a customer selecting bulbs at the flower shop, we notice how only the very largest ones are taken, which is altogether wrong if we want a genuine mixture, as nearly every variety makes a different size and shaped bulb, and very often it happens that the choicest flowers are concealed in the smallest bulbs.

Considering that nearly every catalogue lists the *Ismene calathina grandiflora*, it seems that about every one must be familiar with it, either from personal experience or seeing it in a neighbor's garden, but I cannot refrain from speaking of it as a very useful and easy to handle bulb. It is very often called the "White amaryllis," a very appropriate name as it resembles an amaryllis flower in shape and habit very much. The bulbs do best when planted in May and covered over with soil to a depth of three or four inches; when during June and running into July they will produce their pure white fragrant blossoms very freely before the foliage appears. Another bulb that should be given more attention is what we usually call the summer hyacinth, or *Hyacinthus candicans*, or more properly speaking, *Caltenia candicans*. This bulb grown alone does not attract much attention, but when grown as it should be in masses of at least 25 or more, it makes a fine show, and splendid back ground for other flowers, and they will remain in flower several weeks. While it is a native of South Africa, it is considered quite hardy, but my experience has been that it is better to take it up altogether, and treat as a tender bulb, or cover well with a mulch. The bulbs grow readily from seed, and will sometimes produce bloom the second year, and always the third year. We now come to another important group of summer blooming bulbs, namely, *Liliums*, but as this subject has been fully covered in a recent lecture, I will not dwell at length, although there is temptation to do so, for where can we find a nobler, grander group of flowers than we find among the lilies; how their purity compels our admiration; how their fragrance charms and soothes and seems to carry us into another world. I must speak of two or three which really ought to be better known. *Hansonii*, which is a variety named in honor of P. Hanson, of Brooklyn, by Max Leichtlin, of Germany. It is a fine variety growing from two to three feet high with bright

green foliage, producing from four to 12 dark yellow flowers remarkable for their thickness of petals, and wax-like appearance. It will grow as easy as a tiger lily, and just as hardy; it flowers in June. Perhaps the hardy garden lily with the greatest future is *Henryi*, "the 'Yellow speciosum'." This lily has been brought to us from the mountains of China, and it is indeed a gem, as it will thrive without any special care, producing strong panicles of yellow flowers, resembling very strongly the much admired *speciosum* form.

*Lycoris squamigera*, or *Amaryllis Hallii*, or called by some "Magic flower," is a most interesting subject; the bulb is similar in shape and size to an amaryllis, but really belongs to the nerines. It can be planted either spring or fall, but I would prefer the fall, as there would be more time for the roots to form, as the foliage starts out early in the spring and grows quite rank until some time in July, when it begins to dry up, and any one not familiar with its nature would think it had died, but about a month later, as if by magic, the flower stalk springs from the ground for a height of about two or three feet, producing an umbel of beautiful lily shaped flowers three or four inches across, and eight to 12 in number, of a delicate lilac pink, shaded with clear blue. It is perfectly hardy, and makes a splendid acquisition to the hardy border. Cover about four inches.

*Montbretias* are coming more and more into prominence, and some of the newer sorts such as *Germania*, *Geo. Davison*, *Martagon*, etc., are very

charming and useful, and I believe are destined to be grown more and more for cutting, as they mix well with other flowers. *Tigridias*, commonly called "Shell flowers," owing to their resemblance to beautiful sea shells, are very interesting from a standpoint of color, form, etc., but their great drawback is the short life of the individual flower, which never lasts more than a day, therefore it is almost useless as a cut flower; however, by planting a number of them we are apt to have a few blooms at almost any time during the summer.

*Zephyranthes*, or "Zephyr lilies" are very close relatives of the *Cooperias* and may be grown in about the same way. There are several varieties and species, but the best ones are rosea, a rosy red color, and candida, pure white, the most beautiful of all. These both bloom late in the summer, and the bulbs must be taken up, and stored before freezing. They are very useful for planting in the borders.

CINCINNATI, O.—The Hotel Savoy distributed 2,000 carnations to their guests McKinley day.

RHINEBECK, N. Y.—Greenhouse construction will be active this year, as it is predicted that twenty new violet houses will be erected in this vicinity.

LOUISVILLE, KY.—The American Floral Co., with a capital stock of \$10,000, has filed articles of incorporation. The incorporators are J. S. Shrobanek, H. Oswald Georges, and Rudolph Shrobanek.



BASKET OF EASTER LILIES AND WHITE HYACINTHS.

By Andrew McAdams, Chicago.

### Easter Lilies.

Since the introduction of retarded bulbs the term Easter lilies has become somewhat of a misnomer as the beautiful and useful flowers of the various kinds of lily may now be grown at all times of the year and it is only a question of starting up bulbs at various seasons to maintain a succession the year around. Still Easter is the holiday of all others when they sell best and are most popular and nearly all growers pride themselves in having a good crop at that time. Although Easter comes comparatively late this year, yet as soon as the Christmas plants are out of the way the grower will have to think of Easter and prepare for it. Where it is necessary to depend upon a crop for a given date and be sure of its coming in there is, we believe, no variety to equal Giganteum for the purpose. *L. Formosum* is a good lily with handsome foliage and makes an elegant pot plant, but our experience with it, and we believe this coincides with that of other growers, is that the variety is not to be depended upon to come in regular. There will be some plants showing bud when only a few inches high, others will grow very tall before showing and a good deal of shifting about of the plants is necessary to keep them in regular batches.

To be in on time for Easter, Giganteum lilies should be well started by the new year and as the treatment is the same for all seasons, or practically so, it may be briefly described again for the benefit of beginners in lily forcing. It always pays to buy the best quality bulbs. The great percentage of loss from "culls" in any but the best renders the latter by far the cheapest in the end, to say nothing of the time, soil and pots used in potting the culls to be afterwards thrown away. For no matter how these are treated they never amount to anything and it is time and money wasted to keep them. For all but the earliest forcing we pot the bulbs at once on arrival in 6-inch pots, unless they are for making up into large pans, when we pot into the smallest size they can conveniently be got into and repot when they have made sufficient growth to determine how they will match with one another so as to flower simultaneously in the pans.

Soil is not an important factor in lily culture; provided it is not too heavy and that fresh, green manure is not mixed with it, any ordinary potting soil will do. We just leave the extreme point of the bulb above the surface of the soil when potting and always place a crock over the drainage hole as well as placing some of the rougher parts of the soil in the bottom. A good bed of ashes is fine to stand the plants upon after potting and also to cover them with, but in localities where oil is used for fuel these cannot usually be had and here we have to make the best of what is at hand by using sand or soil beneath and covering with straw. Before covering with either the bulbs are given a thorough watering and, when ashes are used as a covering, this usually suffices until the bulbs have rooted sufficiently to start in the houses. But where straw or litter is used, the evaporation is greater and at least two or three waterings are necessary, taking off the straw to decide whether they are dry or not and returning it afterwards.

The bulbs being kept dark, cool and moist by these means they will, as a rule, be well rooted before they grow much and such bulbs are the most satisfactory always. When they are taken out of the ashes or straw the shoots are usually whitish, showing the need of light and air, but these must be given gradually, the bulbs being shaded for a few days after housing. Among the most frequent mistakes made by beginners is giving too much water in the earlier stages before much growth has been made or the roots have attained a good hold of the soil. They are not usually in need of much moisture at this stage as the old bulb has a lot of stored up nutriment, while continual watering of the soil renders it water-logged and unfit for the tender young roots to enter. Let the soil



J. Jones.

President Pittsburgh Florists and Gardeners' Club.

dry out well every time between waterings and then give enough to soak thoroughly every bit of compost in the pot. Feeding too early is another mistake frequently made. There is no rule without exception, but if the soil in the 6-inch pots is good and fairly well manured, no feeding ought to be necessary before the buds show or rather before the growth flattens out on top preparatory to showing bud. The growth up to this stage has practically been taken care of by the watering and the nutriment in the old bulb, but the size and substance of the blooms will depend largely upon careful watering and feeding from this time on.

Again with heat, although the growth may be hastened some, very little real progress is caused by applying a forcing temperature much before the buds show. Up to this time we find that a temperature of from 60°-65° is ample and the growth made under these conditions and with ample light and air is the best possible. During the early part of the growing season the plants should be selected or graded so that all that are in the same condition are kept together. Syringing may then be carried on systematically, giving each section just the correct amount to keep the foliage in good condition without wetting the soil unduly. We like to get

the hose playing around them each way daily so that green fly gets no chance to take hold, but this, of course, is not possible in dull weather in the east and middle west. Circumstances alter cases and that grower of Easter lilies will be most successful who studies local conditions and the state of the weather and treats his plants accordingly rather than by only rule of thumb methods.

H. R. R.

### Cement Benches.

ED. AMERICAN FLORIST:

Can you inform me whether cement benches are a success and the proper way to construct them?

SUBSCRIBER.

Cement benches are very successfully constructed and used by many growers.

There are two ways of making concrete, one the wet system in which the material is mixed so that it is mud like, or the consistency of thick cream, so that it will flow free enough to fill the mold. The other is known as the dry system which is used in making concrete blocks. Here the material is only dampened enough so that the particles will hold together after being tamped firm and thus retain the form of the section being constructed when removed from the mold. These sections are then allowed to dry, but not reach their maximum strength until they have absorbed sufficient water.

In the first method the concrete thus formed is not porous, because the liberal amount of water has removed all the air between the particles which compose it. In the dry system the concrete is porous for the reason it is impossible to tamp the semi-dry material hard enough to dispose of the air spaces between its particles. These reverse conditions can easily be demonstrated by making two slabs. Take any ordinary flat such as is used for growing plants; make one with a light bottom into which pour the wet mixture and tamp another full of the semi-dry, and when both are sufficiently hard to handle, note the difference in the amount of water they will take up.

Our sections are made of ashes and Portland cement, four parts ashes to one of cement, and are so porous that we have to be careful that the plants do not become too dry at the bottom and sides of the benches. It is certainly a great relief not to have to repair benches before refilling. When properly constructed, with a good foundation of concrete under each post so there is no danger of settling, these benches should remain in perfect condition for many years.

The sills or side sections which are 54 inches long are reinforced with steel rods. The inside is made with a flange on which the bottom sections rest. The bottom sections are reinforced with steel rods at two outside edges, and at this point 2½ inches in thickness and at the center 1¼ inches. This system has been very satisfactory with us and we shall continue this form of construction until an improved method appeals to us.

ELMER D. SMITH.

MONTCLAIR, N. J.—Philip H. Cox, for the past eleven years, Superintendent of the estate of C. L. Bausher, has accepted a position with the Pierson U-Bar Co., where he began his duties February 1.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
324 Dearborn St., CHICAGO.

THIS ISSUE 52 PAGES WITH COVER

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## Garden Scholarships.

The Missouri Botanical Garden has issued an announcement concerning the scholarships for garden pupils to be available on and after April 1. Applications and inquiries concerning admission to the garden as pupils are to be addressed to William Trelease, Director Missouri Botanic Garden, St. Louis, Mo.

## Personal.

W. E. Wallace, the noted English carnationist, with Mrs. Wallace, sailed on the S. S. Campania, February 4, for the United States, where they will visit leading carnation centers. E. G. Hill says Mr. Wallace is the Dorner of England.

Secretary John G. Esler, of the Florists' Hall Association, was struck by a street car in New York, February 3, and had his hip dislocated. The injury has been successfully treated at the New York hospital, Fifth avenue and Sixteenth street, where Mr. Esler remains under treatment.

GLASS continues very low.

ST. VALENTINE'S DAY can be made a great flower day by offering seasonal inducements.

The National Flower Show will be the greatest event of the kind ever presented in this country, and no florist can afford to miss it.

The annual proceedings and bulletin issued by the American Rose Society contains the account of the annual convention held at New York in 1910 with the papers read and illustrations of the exhibition held in conjunction with the meeting, with illustrations of the different exhibits and the premium list for the exhibition to be held in 1911. It is splendidly assembled and finely printed.

## Coal.

The coal business in the Chicago market is practically at a standstill, caused by the mild weather we have had so far this winter. Most of the prices being quoted are as low, and some lower than what is customary even during the summer months. A number of the selling agencies which last year at this time could easily handle 100 car shipments, are having trouble in disposing of 10 and 15 cars at present. Many concerns have called their salesmen off the road, as they claim there is not enough business to warrant keeping them out.

## Outdoor Flowers for Cutting.

ED. AMERICAN FLORIST:

We have some acres of good land and wish to know when and what to plant for summer cut flowers.

Illinois.

GROWER.

The best plants for this purpose in your location are found among the annuals, hardy herbaceous perennials, dahlias, peonies and gladioli. Good selections are as follows:

Annuals—Antirrhinum Large Flowering, white and other colors; Asters June-Flay, white; Crego, Hohenzollern, Upright Branching, white; Branching, white, lavender, flesh pink and rose pink, Smith's Peerless, white and pink (new) extra fine; Candytuft Giant Hyacinth-Flowered, Celosia plumosa Thompsoni Magnifica, Centaurea Cyanus, double white, double pink and double blue; C. Americana alba, C. imperialis alba, Gaillardia Lorenziana, Gypsophila elegans grandiflora alba, Mignonette Goliath, Stocks Bismarck and Giant Perfection, in colors; Sweet Peas, Dorothy Eckford, White Spencer, Countess Spencer varieties, Lady Grisell Hamilton, King Edward, Gladys Unwin and Florence Morse Spencer.

Perennials—Achillea The Pearl, Boitonia asteroides, B. latissuama, Chrysanthemum maximum, C. uliginosum, Cimicifuga Americana, Coreopsis lanceolata, Delphinium Mrs. Thompson, Gaillardia grandiflora, Gypsophila paniculata, fl. pl., Helenium Riverian Gem, H. Riverton Beauty, Helianthus multiflorus fl. pl., Hemerocallis, Iris, German and Japanese; Peltaria alliacea, Physostegia virginica alba, Scabiosa Caucasica, Shasta dairy, Tritoma Pfitzeri, Trollius.

Dahlias—A. D. Livoni, pink; Bonnard's yellow; C. W. Bruton, yellow; Countess of Lonsdale, apricot; David Harum, red; Gloire de Lyon, white; Henry Patrick, white; Holsatia, red;

Kaiserin Augusta Victoria, white; Lavine, white; Mrs. Chas. Turner, yellow; Pink Pearl; Queen Victoria, yellow; Santa Rosa, red; Strahlenkrone, red; Sylvia, pink; Volker, yellow; Wm. Agnew, red.

Peonies—Dorchester, shell pink; Duchesse de Nemours (Calot), white; Edulis superba, pink; Felix Crousse, red; Festiva, white; Festiva Maxima, white; Floral Treasure, pink; Jeanne d' Arc, light pink; Lady Leonore Bramwell, pink; Madame de Verneville, white; Officialis Rosea Superba, early red; Richardson's Rubra Superba, red.

Gladioli—America, Augusta, Breuchleyensis, Madame Monneret, Mrs. Francis King, Shakespeare and Silveretta.

## Greenhouse Heating.

ED. AMERICAN FLORIST:

Enclosed please find sketch of three connected houses, each 20x65 feet, with three feet of glass in sides of two outside houses. The south ends are glass, the north ends are wood and built up to shed. They are 11 feet from walk to ridge and each house has two rows of purlin posts upon which I wish to hang the flows and let the returns come back on side walls. I have a lot of 2-inch pipe which I would like to use for returns. Also tell me what size main to use, what size flows and how many 2-inch returns I will need to keep a temperature of 60° in each house. What rating must a sectional boiler have to run these houses, burning a slow fire, not pushing the boiler?

Mississippi.

J. B. A.

Use two 2-inch flows on each house on the purlin posts as proposed, and in the outer houses with the exposed glass in the walls put in nine 2-inch returns of which five should be on the exposed wall. In the middle house four 2-inch pipes on each wall will be sufficient. This amount of radiation should be sufficient to maintain a temperature of 60° when the mercury stands just below the freezing point, which is probably about the right estimate for southern Mississippi. If the weather is likely to be as low as 25° use two 2½-inch flow pipes in each house.

L. R. T.

## Meetings Next Week.

Baltimore, Md., February 13, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, St. Paul and Franklin streets.

Cincinnati, O., February 13, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market.

Cleveland, O., February 13, 7:30 p. m.—Cleveland Florists' Club, Progress Hall, 2610 Detroit avenue.

Indianapolis, Ind., February 14, 3:30 p. m.—State Florists' Association of Indiana, State House.

La Crosse, Wis., February 14—La Crosse Gardeners' and Florists' Society, Hotel Stoddard.

Lake Geneva, Wis., February 13, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.

New Orleans, La., February 12, 2 p. m.—Germans Horticultural Society, Kolbs' hall, 127 St. Charles avenue.

New Orleans, La., February 16, 8 p. m.—deners' Mutual Protective Association, 118 Exchange alley.

Newport, R. I., February 15—Newport Horticultural Society.

New York, February 13, 7:30 p. m.—New York Florists' Club, Grand Opera House building.

Pasadena, Calif., February 17, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.

Rochester, N. Y., February 13, 8 p. m.—Commercial Florists' Association of Rochester, 416 Cutler building.

Scranton, Pa., February 17, 7:30 p. m.—Scranton Florists' Club, Quercus building.

Springfield, O., February 13—Springfield Florists' Club, office of the Good & Reese Co.

## OBITUARY.

### John Bauscher, Sr.

John Bauscher, Sr., the oldest florist and gardener of Freeport, Ill., and founder of the business now conducted by his son, died of pneumonia January 26.

Mr. Bauscher was born in Frankfort-on-the-Main, Germany, March 7, 1834, and with his mother and two brothers came to America in the fifties. He learned the harness maker's trade and in 1864, being drafted, entered the army, making harness and saddles for the government. After the war he established a gardening and florist business in Freeport, a trade which he had learned under one of the best florists in Germany. From modest beginnings the business increased and twenty-four years ago he retired, his son, John Bauscher, Jr., succeeding him. He was one of the organizers and a prominent member of the Germania Society, and a member of the saengerbund.

He married in 1862 Miss Sophia Hoffman and she, with the four children, two sons and two daughters, survive him. He also leaves ten grandchildren and two great-grandchildren. The funeral was held at his late home January 29 and the interment was in Oakland cemetery.

### Gus Van Velsen.

After an illness of six weeks duration, contracted from exposure which developed into inflammatory rheumatism, Gus Van Velsen died at the Nyack, N. Y., hospital, February 3. He was a native of Holland, a son of Peter Van Velsen, the well known bulb grower of Haarlem, and came to America in the early nineties and was employed by Pitcher & Manda, Bobbink & Atkins and other firms near New York. He located in the vicinity of Nyack several years ago, and was employed up to within a few weeks of his being taken sick by the Palisades Nurseries at Sparkhill, N. Y.

JACKSON, MICH.—Henry M. Burt has completed arrangements for the erection of three greenhouses on Francis street. Two houses, 27x150 feet, with a show house, 24x37 feet, of modern construction, will form the new range.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As foreman; all around florist, where Am. Beauties are a specialty preferred. Key 376, care American Florist.

**Situation Wanted**—By first class decorator and storeman; ten years in last position; references. Address Key 352, care American Florist.

**Situation Wanted**—By first class rose and carnation grower; single, preferred; state wages and full particulars. Key 387, care American Florist.

**Situation Wanted**—Young man, single, age 26, wants position on good private place; has a thorough knowledge of orchid growing. Address 732 N. 41st St., Philadelphia, Pa.

**Situation Wanted**—By seedsman and plantsman as seedsman; 10 years' English experience, four years' American; good address; state wages offered. Key 375, care American Florist.

**Situation Wanted**—First class storeman and decorator wants position in good store, preferably New York; eight years' experience from last employer. Address Key 383, care American Florist.

**Situation Wanted**—Young man, 26, thoroughly experienced florist and gardener, offers his services to flower store and nursery; best references. Address EDMUND VOHS, 84 Broad St., New York.

**Situation Wanted**—As foreman or manager in up-to-date commercial place, wholesale or retail, by competent grower of first class stock; life experience; middle aged, married. J. H. 712 Greendale St., Meadville, Pa.

**Situation Wanted**—Young man, German, 23, thoroughly acquainted with the trade, desires position as florist and gardener in nursery or private; best references. Address PAUL PIETZSCH, 84 Broad St., New York.

**Situation Wanted**—Man of general experience in all lines of work, greenhouses, fruit, flower and vegetable gardening, is open to engagement on private place. For further particulars address ERNEST GRANT, 122 Marengo St., Chicago.

**Situation Wanted**—Bulb grower and salesman, employed 11 years' experience in traveling (U. S., England, Germany, Sweden, etc.), wishes to secure another situation as buyer or salesman; excellent references. Address Key 377, care American Florist.

**Help Wanted**—All around young man with some experience in greenhouse and hotbeds; must be willing to do anything around a truck garden; state wages with board and lodging in first letter. WILLIAM HILD, Milesville, S. Dakota.

**Help Wanted**—A good practical florist, married, preferred; one who knows the business and can be working foreman; one who can water, pot, propagate, fill glass hampers artistically and posted in floral decorations; we do not grow roses or carnations, but handle thousands of them; have 25,000 feet of glass; city of ours is 150,000; state wages wanted and references in first letter. W. G. MATTHEWS, Dayton, Ohio.

**Partner Wanted**—Capable, sober and strictly honest young man with some capital, to engage with us in florist business in a No. 1 growing town; no competition; climate and healthfulness unsurpassed; investigation courted; that we are willing to put up money is evidence of our faith. SLOAN BROS., Greenville S. C.

**Address Wanted**—Mr. F. A. King please write Geo. R. LAWLER, Newport, Ky., regarding position.

**For Sale**—Greenhouse property; wishing to change climate on account of rheumatism. I offer for sale my business consisting of about 12,000 sq. ft. of glass, four greenhouses, seven acres, two city blocks of land, good 8 room dwelling, heated by steam from greenhouse boiler, barn, artesian well; place in good repair; located at St. Peter, Minn., a city of 500; no opposition; good outlet; write to ST. PETER GREENHOUSES, St. Peter, Minn.

## Greenhouse Man.

Experienced man thoroughly qualified in all lines of commercial floriculture, single, with reference; state age and salary expected. Address

P. O. Box 1296 Philadelphia, Pa.

## WANTED.

**Carnation Grower.** Applicant must be a man of thorough experience and be able to furnish first-class references. A splendid opportunity for the right party.

Key 388, care American Florist.

## WANTED

Good florist where a mixed stock is grown; one who can produce the goods. Wages \$15.00 a week to start with, and more to the right man when capability is shown. Address

ADOLPH DONART,

Coeur D'Alene,

Idaho.

## Store Manager Wanted

With \$5,000 Capital

Must be capable of conducting a large store business established many years in a prosperous city in the middle west. Applicant must be competent also to market advantageously the considerable greenhouse output of high grade plants and cut flowers. Address

Key 378, care American Florist.

## For Sale

Five modern greenhouses with complete stock of ferns, plants and mums, also a Kroschell boiler, piping, 150 new hotbed sash, one horse and four wagons. Will lease the ground, store and 6 room flat (hot water heat) on favorable terms for five years with privilege of buying or renewal of lease. \$5,000 cash and balance of \$3,000 on time takes this fine paving business that has been established for over 20 years and has a good steady trade. Reason for selling, owner expects to leave the city. Possession about June 1. Apply in person or by mail or phone to

PETER SROCCZYNSKI,

1525 N. Harding Ave.,

Phone Humbolt 299. CHICAGO.

# Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# Why Are You Growing Carnations?

For profit, of course, which involves two things—pleasing your trade and making money. Now, are you keeping yourself posted, at first hand, about the new sorts, or are you sticking to old kinds simply because they made money for you years ago?

If you are taking somebody else's word for the merit of the new carnations, you're doing yourself an injustice, no matter whether the opinions you hear are favorable or not. It wouldn't cost you much to try at least **some** of the new ones that had "made good" for other growers and see what they would do in **your** houses; in fact, **that's** just what we want you to do with

## Carnation Dorothy Gordon

of which you've heard so much the last season or two. It has made money for us—we grew it for years before we advertised a single cutting for sale; it has succeeded for scores of others, enabling them to grow more flowers and make more money than they ever had made from other carnations.

But you need more proof than either of these that "Dorothy Gordon" is the carnation for you to grow. So we say, **try it out yourself**—put some of our rooted cuttings in your own range; see them grow and bloom, sell the flowers and feel the money—the **extra** money you get for Dorothy Gordon—padding out your pocket. **That's** the way to find out its worth—it's the **only** way that's fair to you and to us.

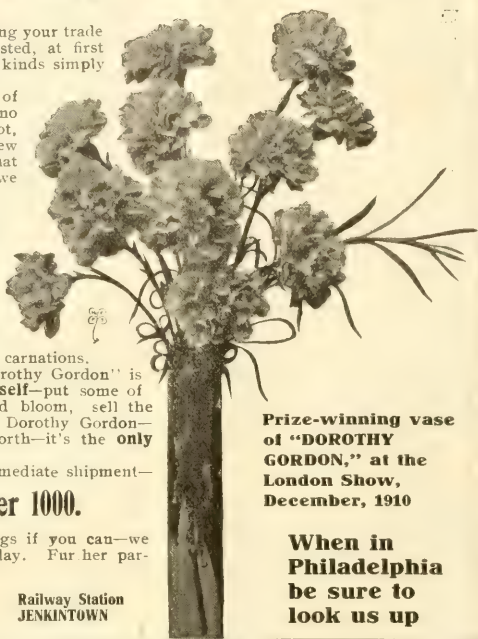
We've a choice but limited stock of plants ready for immediate shipment—

**Rooted Cuttings, \$6 per 100; \$50 per 1000.**

Come and see our stock of blooming plants and cuttings if you can—we always prefer that. If not, mail your order **now**—don't delay. For her particulars gladly furnished on request.

**Joseph Heacock Co., Wyncote, Pa.**

Railway Station  
JENKINTOWN



Prize-winning vase of "DOROTHY GORDON," at the London Show, December, 1910

**When in Philadelphia be sure to look us up**

## NEW CARNATIONS

Immediate delivery on White House, the "King of the Whites." Will bring a higher price in the flower market than any other white. Princess Charming a beautiful light pink. Washington, a Lawson colored sport of Enchantress. Christmas Cheer, the ideal Christmas red. Bonfire, Hill's splendid scarlet. February delivery, \$12.00 per 100; \$100.00 per 1000.

## NEW ROSES

Lady Hillingdon, Mrs. Aaron Ward and Melody, three fine yellows. Rose Queen, the finest thing in pink. Radiance and Double Pink Killarney. Now booking orders for March delivery. If you did not receive our catalogue, write for it.

## CHRYSANTHEMUMS

Novelties and standard varieties. We carry 85,000 stock plants and can fill any order you favor us with.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

St. Louis.

### CHANGEABLE WEATHER

The weather the past week was changeable, like midsummer at first and then cloudy and cold. Violets have become scarce and the price has advanced materially. Roses are still scarce, but carnations have become a little more plentiful. The supply in jonquills has increased and sweet peas are of better quality. Quite a few orchids are to be seen.

### NOTES.

The officers and trustees of the Florists' Club met last Saturday at the store of the Wm. C. Smith Wholesale Floral Co., to discuss plans for celebrating the silver anniversary.

The Catlin wedding was a grand affair. C. Young & Sons Co., the Elison Floral Co., and Miss M. S. New-

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 24 in. pots; place your orders early so as to secure early delivery.

We would also be pleased to fill your order for Aster Seed as we have one of the finest strains known as well as a good list of the standard kinds.

**ELMER D. SMITH & CO.,**

**Adrian, Mich.**

man had the decorating and flower work.

Wm. C. Smith, Wholesale Floral Co., has put in a steam heating apparatus. This firm is young, and a hustler.

Mike Mitchell, formerly of Little Rock, who succeeded John Quinn, is doing a nice trade.

W. J. & M. S. Vesey are now making regular shipments of orchids to this market.

The Red Bud Floral Co. have opened up a double store on Sixth street.

Geo. Hartman has a fine crop of violets.

W. F.

WORCESTER, MASS.—The Worcester County Horticultural Society will build a brick addition to their building on Front street, at an estimated cost of \$23,000.

Read What the Leading Carnation Growers Think of

# WASHINGTON

**The Dark Pink Sport of Enchantress**

**The Recognized Money Maker for Any Florist to Grow**



CHARLES H. TOTTY,  
Floral Novelties,

MADISON, NEW JERSEY, January 23, 1911.  
Chicago Carnation Co., Joliet, Ill.:

Dear Sirs:—The Washington cuttings reached us in good condition and are entirely satisfactory.

Yours very truly, CHARLES H. TOTTY.

KALISCH BROS. FLORAL CO.  
Cut Flowers and Plants,

ST. LOUIS, MO., Jan. 20, 1911.

Mr. Pyfer: Dear Sir:—Our opinion of your new carnation Washington, as to its qualities, is as follows: In the first place, it is no doubt the largest pink carnation we ever saw, and also has a long, wiry stem. It also keeps from three to four days longer than any other carnation we have ever handled, and the color is perfect for decorating purposes. If you can give us all Washington carnations on our order, we will appreciate it.

Yours very truly,

KALISCH BROS.

There is no question about this new Carnation **Washington** being the most profitable Carnation in this color. That is why all the large Carnation Growers near Chicago will grow **Washington** exclusively for dark pink. They have watched this variety the whole season and are convinced there is no better variety of this color. How can there be anything better than the Enchantress family? We all know they are the most profitable and easy to grow.

**Strong, Well-Rooted Cuttings, ready for early delivery:**  
**\$10.00 per 100; \$20.00 per 250; \$75.00 per 1000.**

**Chicago Carnation Co.,** A. T. Pyfer, Mgr., **Chicago**  
35-37 Randolph St.,

DES PLAINES FLORAL CO.  
Wholesale Florists,

DES PLAINES, ILL., Jan. 27, 1911.

Chicago Carnation Co., Chicago, Ill.:

Gentlemen:—I have seen blooms of Washington four different times this season, and have been to see it growing in your greenhouses at Joliet.

I noticed the habit was like the old favorite Enchantress; color was good whenever I saw it. I believe it will be a money maker. We have received two shipments of rooted cuttings of it so far, and must commend you on the quality of the stock sent us; they were very satisfactory.

Yours truly,  
DES PLAINES FLORAL CO.,  
per Harry Blewitt.

KRING BROTHERS,  
Wholesale Carnation Growers,

FAIRBURY, ILL., Jan. 19, 1911.

Chicago Carnation Co., Chicago, Ill.:

Gentlemen:—You may ship us 1000 more Washington and 500 Dorothy Gordon cuttings, providing you can ship on or before Feb. 1, 1911.

The 2,000 Washington in first shipment came in in the very best possible condition, and the cuttings were fine and are starting off nicely.

Yours respectfully, KRING BROS.

H. W. BUCKBEE,

Rockford Seed Farms—Forest City Greenhouses,

Chicago Carnation Company,  
35-37 Randolph St., Chicago, Ill.:

Gentlemen:—About two weeks ago I had the pleasure of personally looking through your establishment at Joliet.

There are so many new varieties of flowers constantly being offered that are not quite up to expectation, that at times one is apt to overlook a "Good One."

I did not expect to order many "Washington" when I left home, but before I left your place you will remember I placed a good order with you. "Seeing is believing"—I believe "Washington" is a producer. The color is right; the calyx is right; the stem is right; the foliage is right.

Second shipment of cut "Washington" blooms arrived yesterday in fine condition and are very satisfactory.

I believe George Washington would like this flower. I wish you success.

Very sincerely,  
H. W. BUCKBEE.



# EASTER LILIES

The Finest We Ever Grew

Price, \$1.50 per dozen or \$10.00 per 100.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

|                      | Per doz.       |  |
|----------------------|----------------|--|
| Extra long.....      | \$8.00         |  |
| 36 inches.....       | \$1.00 to 5.00 |  |
| 24 to 30 inches..... | 3.00           |  |
| 15 to 18 inches..... | 2.00           |  |
| 8 to 10 inches.....  | 1.00           |  |

### Richmond and Rhea Reid

|                     |                    |              |
|---------------------|--------------------|--------------|
| Extra long.....     | per 100,           | \$12.00      |
| Good lengths.....   | per 100, \$8.00 to | 10.00        |
| Medium lengths..... | per 100,           | 6.00         |
| Short.....          | per 100,           | 4.00 to 5.00 |

### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin

|                         |                    |              |
|-------------------------|--------------------|--------------|
| Extra select.....       | per 100,           | \$12.00      |
| Good lengths.....       | per 100, \$8.00 to | 10.00        |
| Medium lengths.....     | per 100,           | 6.00         |
| Good short lengths..... | per 100,           | 4.00 to 5.00 |

### CARNATIONS

|                                       |                    |                |
|---------------------------------------|--------------------|----------------|
| Fancy pink and white.....             | per 100,           | \$4.00         |
| Fancy red, O. P. Bassett.....         | per 100,           | 4.00 to 5.00   |
| HARRIS LILIES.....                    | per doz.,          | 1.50           |
| ".....                                | per 100,           | 10.00          |
| Jonquills.....                        | per 100,           | 3.00           |
| Lily of the Valley.....               | per 100,           | 3.00 to 4.00   |
| Select Pink and White Sweet Peas..... | per 100,           | 1.00 to 1.25   |
| Tulips.....                           | per 100,           | 3.00 to 4.00   |
| Adiantum.....                         | per 100,           | 1.00           |
| Asparagus.....                        | per string,        | .50            |
| Asparagus Sprays.....                 | per 100, \$3.00 to | 4.00           |
| Ferns.....                            | per 1000,          | 2.50           |
| Galax, Green.....                     | per 1000,          | 1.00           |
| " Bronze.....                         | per 1000,          | 1.00           |
| Smilax.....                           | per doz.,          | \$1.50 to 2.00 |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

#### STOCK RECEIPTS INCREASING.

The tide has turned and during the last week the amount of stock received increased greatly, and there was a much easier feeling among the dealers, who have been at their wits' end for the last two weeks in filling the orders received. The weather has now again turned dark and cold and there will probably be a shortening up if the kind of weather being experienced the beginning of this week lasts for any length of time, but the days are perceptibly longer and the crops have got a new start, and it is doubtful if much more difficulty will be experienced. Roses are a little more plentiful but have not fully recovered from the short, dark days which have been experienced but larger shipments were received during the latter part of last week. American Beauties are showing up much better, the quality improving with the brighter weather and the blooms are of fine grade. Killarney is of much brighter color and the flowers now being received are of fine quality. Richmond is grand and of the brightest shade. Some very fine My Marylands are also seen. Brides and Bridesmaid are of mid-winter form. Carnations are much more plentiful, and, as the rose question eases up, are not feeling the heavy drain and the prices are lower. Violets are beginning to be quite plentiful. Orchids are still in good supply with the prices holding at about the same figures. The stock of bulbous flower is increasing rapidly both as to quantity and variety. There is a large assortment of tulips of all colors, and both Von Sion and Golden Spur narcissus of splendid quality are to be obtained and some very nicely grown pans of these are to be seen. Paper White and Orange Phoenix narcissus

## "The Busiest House in Chicago"

Fancy Stock of all kinds Packed  
Right Billed Right and Shipped Right.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

and Roman hyacinths are in great quantity and unload slowly at times. There is a goodly quantity of other flowers, lilacs, freesia, marguerites, mignonette, calendulas, and antirrhinums are all daily offerings. Sweet peas are improving both in quantity and quality and beside the white and pink the other colors, lavender and purple, are now to be found. Greenhouse greens are still plentiful enough, there being a good supply of both kinds of asparagus and smilax, but the hardy green stock is getting depleted and the prices of hardy ferns has advanced.

#### NOTES.

Manager Pyfer of the Chicago Carnation Co. speaks very highly of Princess Charming, the new carnation originated by Henry Eicholz, of Waynesboro, Pa. This carnation has proved to be a wonderfully prolific bloomer with this firm and Manager Pyfer states that at the present time it is bringing a better price than any other variety in the market.

Andrew Anderson, the well known florist of Batavia, was seen in the local market on Saturday buying a large quantity of stock for funeral work which he had the day following. Mr. Anderson is contemplating the erection of two new houses this season.

Harry Nicholson, the traveling representative for the Chicago Carnation Co., returned recently from a successful western business trip. Mr. Nicholson attended several florists' club meetings while on the trips and reports having had an enjoyable time.

Arthur Weatherwax, with Wm. J. Smyth, Michigan avenue and Thirty-first street, is the proud papa of a baby boy which was born February 2.

Wm. Graff, of Columbus, O., accompanied by several of his friends, attended the auto show at the Coliseum last week, returning home February 6.

Wm. Timme has accepted a position as shipping clerk with Vaughan & Sperry and entered upon his duties February 6.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

Try us on **Orchids**, we can supply you with the finest **Cattleyas**  
We are now cutting a large quantity of Lily of the Valley of exceptionally fine quality.

**CURRENT PRICES, Subject to Change Without Notice.**

| AMERICAN BEAUTIES      |           | Per doz.         |  |                                    | Per 100          |
|------------------------|-----------|------------------|--|------------------------------------|------------------|
| Specials               |           | \$6.00           |  | CARNATIONS, fancy                  | \$3.00 to \$4.00 |
| 36-inch                |           | 5.00             |  | " common                           | 2.00             |
| 30-inch                |           | 4.00             |  | ORCHIDS, Cattleyas, per doz.       | \$6.00 to 7.50   |
| 24-inch                |           | 2.50             |  | HARRISII and CALLAS, per           |                  |
| 18 to 20-inch          |           | 1.50             |  | doz.                               | \$2.00 15.00     |
| 12 to 15-inch          |           | \$1.00 to \$1.25 |  |                                    |                  |
| Short stem             | per 100.. | 4.00 to 6.00     |  | NARCISSUS PAPER WHITE              | Per 100 \$3.00   |
| CARDINAL, Long         |           | 2.00             |  | JONQUILS                           | \$4.00 to 5.00   |
| Medium                 |           | 1.50             |  | TULIPS                             | 4.00             |
| Short                  | per 100.. | 6.00 to 8.00     |  | FREESIAs                           | 4.00             |
|                        |           |                  |  | ROMANS                             | 4.00             |
| RICHMOND, extra        |           | \$15.00          |  | VALLEY                             | 4.00             |
| Select                 |           | 12.00            |  | VIOLETS, double                    | 1.00             |
| Medium                 | \$8.00 to | 10.00            |  | " Single, Princess of Wales.       | 1.00 to 1.25     |
| Good Short             |           | 6.00             |  | MIGNONETTE, large spikes           | 4.00             |
| KILLARNEY, extra       |           | \$15.00          |  | SWEET PEAS                         | 1.25 to 1.50     |
| Select                 |           | 12.00            |  | STEVIA                             | 2.00             |
| Medium                 | 8.00 to   | 10.00            |  | ADIANTUM CROWEANUM                 | 1.00 to 1.50     |
| Good Short             |           | 6.00             |  | SMILAX                             | per doz., \$2.00 |
| MY MARYLAND, extra     |           | \$15.00          |  | SPRENGERI, P L U M O S U S         |                  |
| Select                 |           | 12.00            |  | SPRAYS                             | 3.00 to 4.00     |
| Medium                 | \$8.00 to | 10.00            |  | PULMOSUS STRING                    | each, 60c        |
| Good Short             |           | 6.00             |  | FERNS                              | per 1000, \$2.50 |
| WHITE KILLARNEY, extra |           | \$15.00          |  | GALAX                              | " 1.25           |
| Select                 |           | 12.00            |  | LEUCOTHOE                          | .75              |
| Medium                 | 8.00 to   | 10.00            |  | BOXWOOD, per bunch 35; per case of |                  |
| Good Short             |           | 6.00             |  | 50 lbs.                            | \$7.50           |
| PERLE, long            |           | \$8.00           |  | WILD SMILAX, 50 lb. case           | \$5.00           |
| Medium                 |           | 6.00             |  |                                    |                  |

Our Extra special grade Roses charged accordingly.

## POEHLMANN'S FANCY VALLEY EXTRA FINE HARRISII LILIES

We make these a specialty.  
Can supply them all the year.  
Once tried you will have no other.

The Raedlein Basket Co., 713 Milwaukee avenue, on February 4, received from their factories located at Ebersdorf, Germany, a shipment of baskets for the St. Valentine day trade. The violet hampers are particularly attractive and meeting with great favor and a large number have already been sold.

John Michelson, with the E. C. Ameling Co., is of the opinion that there will not be as many violets for the St. Valentine day trade as there was last year, for the heaviest crop is over. This firm is now receiving a large quantity of Killarney and American Beauty roses of exceptionally good quality.

Chas. Schaffer, superintendent of the O. M. Howard greenhouses at Glencoe, was a welcome visitor on February 2. Three houses, 24x150 feet, are devoted exclusively to the growing of Marie Louise violets and the entire

output is sold direct to leading retailers of this city.

W. F. Schofield, the North State street florist, is the possessor of a new Van Dyke delivery car which is now on exhibition at the auto show in the Coliseum. The car is attracting the attention of the visitors to the show as it is beautifully decorated with cut flowers and palms.

Fred Sperry, the junior member of the firm of Vaughan & Sperry, is confined to his home with a severe attack of the la grippe. This firm is now receiving a fancy grade of American Beauty roses and a large quantity of bulbous stock of all kinds.

E. E. Pieser of Kennicott Bros. Co. says that last month's business shows an increase of 20 per cent over that of January in 1910. The collections for the same month were very good and exceeded the gross amount of the month's business.

At J. A. Budlong's the stock is arriving in splendid condition and in much larger quantities than for some time past, this firm will soon have a large supply of My Maryland roses, as a large crop is now coming on.

O. Johnson of the Flower Grower's market has secured a three years' lease on the store now occupied by J. A. Budlong and will take possession as soon as the lease held by present occupant expires.

A. Dietsch Co., 2642 Sheffield avenue, is enjoying a very good trade and is kept very busy turning out greenhouse material for a number of orders which they have booked.

Peter Reinberg is filling a large number of orders for a splendid grade of American Beauty and Richmond roses in short, medium and long stems.

Carl Bachler, Thirty-fifth and Leavitt streets, reports business as good with plenty of funeral work.



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other Seasonable stock. and Fancy Carnations in good supply.

### CURRENT PRICE LIST

|                             |                              | Per doz.                   |  | Per 100 |  |
|-----------------------------|------------------------------|----------------------------|--|---------|--|
| <b>American Beauty</b>      |                              | Per doz.                   |  | Per 100 |  |
| 36 inch and up.....         | 5 00                         |                            |  |         |  |
| 30 inch.....                | 4 00                         |                            |  |         |  |
| 24 inch.....                | 3 00                         |                            |  |         |  |
| 18 to 20 inch.....          | 2 00                         |                            |  |         |  |
| Short stem.....             | \$1 00 to 1 50               |                            |  |         |  |
| 12 to 15 inch.....          | per 100. 8 00 to 10 00       |                            |  |         |  |
| <b>Richmond, fancy</b>      |                              | Per 100                    |  |         |  |
| .....                       | \$15 00                      |                            |  |         |  |
| .....                       | 12 00                        |                            |  |         |  |
| .....                       | medium.....\$8 00 to 10 00   |                            |  |         |  |
| .....                       | good short..... 6 00 to 8 00 |                            |  |         |  |
| <b>Killarney, fancy</b>     |                              | Per 100                    |  |         |  |
| .....                       | 15 00                        |                            |  |         |  |
| .....                       | select..... 12 00            |                            |  |         |  |
| .....                       | medium..... 8 00 to 10 00    |                            |  |         |  |
| .....                       | good short..... 6 00 to 8 00 |                            |  |         |  |
| <b>ROSES, our selection</b> |                              | Per 100                    |  |         |  |
| .....                       | 6 00                         |                            |  |         |  |
| <b>Bridesmaid, fancy</b>    |                              | Per 100                    |  |         |  |
| .....                       | 15 00                        |                            |  |         |  |
| .....                       | select..... 12 00            |                            |  |         |  |
| .....                       | medium.....\$8 00 to 10 00   |                            |  |         |  |
| .....                       | good short..... 6 00 to 8 00 |                            |  |         |  |
| <b>Bride, fancy</b>         |                              | Per 100                    |  |         |  |
| .....                       | 15 00                        |                            |  |         |  |
| .....                       | select..... 12 00            |                            |  |         |  |
| .....                       | medium..... 8 00 to 10 00    |                            |  |         |  |
| .....                       | good short..... 6 00 to 8 00 |                            |  |         |  |
| <b>My Maryland, fancy</b>   |                              | Per 100                    |  |         |  |
| .....                       | 15 00                        |                            |  |         |  |
| .....                       | select..... 12 00            |                            |  |         |  |
| .....                       | medium..... 8 00 to 10 00    |                            |  |         |  |
| .....                       | good short..... 6 00 to 8 00 |                            |  |         |  |
| <b>CATTLEYS</b>             |                              | per doz., \$4 00 to \$6 00 |  |         |  |
| <b>Harrisli Lilies</b>      |                              | per doz. 1 50 to 2 00      |  |         |  |
| <b>Carnations</b>           |                              | 4 00                       |  |         |  |
|                             |                              | 1st quality..... 3 00      |  |         |  |

Boxwood, 25 cents per pound; 50 pound case, \$7.50.

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

The wholesale men held a meeting at Hoerber Bros.' store, February 4, in regard to taking over the lease of the proposed building on Market and Lake streets. A committee consisting of Aug. Boehlmann, chairman, C. M. Dickinson and Nic. Wietor were appointed to call on the wholesalers and get the signature of all those who favored the new location and also the amount of floor space each would require. This committee was to report at a meeting held on February 8.

J. Mangel, Wabash avenue and Monroe street, on February 3, arranged the decorations for the banquet of the Steel Corporation at the Blackstone hotel. Mr. Mangel also arranged the decorations for the silver wedding at the Booth home on the south side, which occurred February 4. The sale of azaleas at the auto show was a feature last week, upwards of 300 plants were disposed of during the exhibition.

The store of A. Lange, 44 East Madison street, with its 24 employees, is a busy place, resembling the proverbial bee-hive on February 4. The amount of funeral work which has been arranged since January 1, is far in advance of any similar period.

Boehlmann Bros. Co. is receiving a good supply of lily of the valley of A 1 quality. The Killarney roses that this firm is cutting are exceptionally fine, the color, foliage and stem being all that could be desired.

The Alpha Floral Co. have had an unusually good week at their store on Wabash avenue and Adams street, a large amount of funeral work keeping all hands very busy.

Paul Berkowitz, a member of the firm of H. Bayersdorfer & Co., Philadelphia, Pa., accompanied by his wife, spent a few days in the city this week. Bassett & Washburn are cutting a large quantity of formosum lilies of

## Fancy Carnation Blooms

### THE PLEASING KIND

Our Carnations are arriving in splendid condition, and give satisfaction.

Remember we are growers and ship our customers strictly fresh stock, properly packed. We can please you when all others fail.

### PRICE LIST

|                                |  | Per 100      |  | Per 100                                         |  |
|--------------------------------|--|--------------|--|-------------------------------------------------|--|
| <b>Carnations, extra fancy</b> |  | 4 00         |  | Valley, Choice Blue Ribbon.....\$3.00 to \$4.00 |  |
| <b>Select</b>                  |  | 3 00         |  | <b>Sweet Peas</b>                               |  |
| <b>Good</b>                    |  | 2 00         |  | ..... 75 to 1 25                                |  |
| <b>Violets, Double</b>         |  | 1.50 to 2.00 |  | <b>Roses</b>                                    |  |
| <b>Single</b>                  |  | 1.00 to 1.50 |  | ..... 6.00 to 10.00                             |  |
|                                |  |              |  | <b>Tulips</b>                                   |  |
|                                |  |              |  | ..... 3.00 to 4.00                              |  |
|                                |  |              |  | <b>Ferns</b>                                    |  |
|                                |  |              |  | ..... 2.50                                      |  |

All Greens, etc., at lowest market prices.

## CHICAGO CARNATION CO.

A. T. PYFFER, Manager.  
Phone Central 3373.

35-37 Randolph St., CHICAGO

exceptionally good quality which are eagerly sought for by the trade.

M. P. Dilger, the Waukegan florist, was seen in the local market February 4 buying stock for funeral work for which he is having a good call.

John Kruchten is having a good call for gardenias, the popular flower that is used by many of the leading retailers in their high class work.

J. J. Ziska, formerly with the Chicago Rose Co., is now employed at the county building, having entered upon his duties February 6.

The J. B. Deamud Co. is supplying their customers with a splendid grade

of roses, carnations, tulips, lily of the valley and violets.

N. J. Wietor failed to put in an appearance at the store on February 7, being confined to his home with a severe cold.

Henry Van Gelder, of Percy Jones, is filling a large number of orders for carnations of exceptionally good quality.

Chas. W. McKellar is recovering from a severe case of blood poisoning which has been troubling him for some time past.

President Hutchinson, of the Horticultural Society, will sail for Europe February 18.

# BEAUTIES!

We are cutting heavily in **AMERICAN BEAUTY ROSES** and can fill your order on short notice. Also a fancy grade of **RICHMOND, KILLARNEY** and **WHITE KILLARNEY**. Plenty of all other seasonal stock.

## PRICE LIST:

### AMERICAN BEAUTIES

|                    | Per Doz. | Richmond        |               | Per 100          |
|--------------------|----------|-----------------|---------------|------------------|
| Extra long .....   | \$5 00   | Killarney       | Special ..... | \$12 00          |
| 36-inch stem ..... | 4 00     | White Killarney | Select .....  | \$ 8 00 to 10 00 |
| 30-inch stem ..... | 3 50     | Field           | Medium .....  | 6 00             |
| 24-inch stem ..... | 3 00     | My Maryland     | Short .....   | 5 00             |
| 20-inch stem ..... | 2 50     | Uncle John      |               |                  |
| 18-inch stem ..... | 2 00     | Bride           | Select .....  | 10 00            |
| 16-inch stem ..... | 1 50     | Ivory           | Medium .....  | 8 00             |
| 12-inch stem ..... | 1 00     | Sunrise         | Short .....   | 5 00             |
| Short stem .....   | 75       | Gate            |               |                  |
|                    |          | Perle           |               |                  |

### ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

| CARNATIONS       | Per 100      |                 | Per 100           |
|------------------|--------------|-----------------|-------------------|
| Fancy .....      | \$ 4 00      | Harrisii .....  | per doz., \$2 00  |
| Common .....     | 3 00         | Valley .....    | 4 00              |
| Sweet Peas ..... | 75 to 1 00   | Violets .....   | \$ 75 to \$1 25   |
| Jonquils .....   | 3 00 to 4 00 | Adiantum .....  | 1 00              |
| Daffodils .....  | 3 00 to 4 00 | Asparagus ..... | per bunch, \$0 50 |
|                  |              | Ferns .....     | per 1000, 2 50    |

Subject to change without notice.

# PETER REINBERG, <sup>35 Randolph St</sup> CHICAGO.

The following left February 8 for the annual convention and exhibition of the State Florists' Association at Champaign: Geo. Asmus, Phil Foley, W. Keimel, W. J. Paulinsky, John Kohout, H. B. Howard, Oscar Benson, E. A. Wood and A. F. Longren. President C. L. Washburn and others left the day before.

Visitors: W. E. Tremble, Peoria, Ill.; S. J. Perry, Grand Rapids, Mich.; David Cameron, representing Sander & Sons, St. Albans, Eng.; C. E. Knickman, representing McHutchison & Co., New York; Paul Berkowitz of H. Bayersdorfer & Co., Philadelphia, Pa.; Nic. Zwiefel, North Milwaukee, Wis.; Wm. Graff, Columbus, O.

### Chicago Florists' Club.

There was a large attendance at the regular meeting of the Chicago Florists' Club, February 2, President Philpott in the chair. The usual routine business was transacted and the following members were elected: C. L. Sherer, 4931 Superior street, Max Cohen, 1563 West Polk street, W. L. Kroeschell, 440 West Erie street, E. F. Winterson, Jr., 45 Wabash avenue, and J. Wolniewicz, 1214 School street. Four new names were presented for membership, Harry F. Gray, Des Plaines, William Wolff, 5708 Emerald avenue, Robert E. Newcomb, 84 Randolph street, and C. A. Beatty, 355 Dearborn street.

The exhibitors included Nic Zwiefel, North Milwaukee, Wis., carnations Bright Spot and No. 274, a white seedling; Chicago Carnation Co., Washington, Princess Charming and No. 186—07, a scarlet seedling. The committee on exhibits scored these varieties as follows: Washington, 89 points, Princess Charming, 85 points, No. 274, 80 points, Bright Spot, 88 points, and No. 186—07, 86 points.



## ORCHIDS

### :: A Specialty ::

A fine stock of **Cattleyas, Gardenias, Cypripediums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

## CHAS. W. MCKELLAR

51 Wabash Avenue.  
CHICAGO.

A number of visitors were present, including Treasurer Kasting, of the Society of American Florists, C. W. Scott, New York, and Nic Zwiefel, North Milwaukee, Wis., all of whom made brief addresses. Mr. Kasting stating that the National Flower Show would be a great event and that everyone in the trade should attend and if possible make an exhibit.

President Asmus, of the Society of American Florists, also referred to the rosy outlook for the national event and urged the members not to overlook the state meeting and exhibition at Champaign February 8 and 9.

P. J. Foley, of the transportation committee, reported progress in the matter of securing accommodations for the National Flower Show trip, the arrangements for which will be announced as soon as completed.

Alex. Henderson, of the entertainment committee, will endeavor to arrange for rose and carnation meetings next month.

EDWARDSVILLE, ILL.—J. A. Ammann has decided to give up his store in the Wilsey block, and to handle all the local business from his greenhouses.



# We are Again Receiving a HEAVY SUPPLY OF STOCK

Of extra good quality which we offer at reasonable prices. In roses we can supply

**American Beauty,  
Richmond,  
My Maryland,  
Jardine,**

**Pink Killarney,  
White Killarney,  
Bridesmaid,  
Bride.**

Also the leading varieties of **CARNATIONS** which are of A1 quality White, Red, Light Pink and Pink. Besides heavy supplies of **Violets, Tulips, various colors, Daffodils, Jonquils, Narcissus, Romans, Sweet Peas and Greens** of all kinds. Also a good supply of our famous **BLUE RIBBON VALLEY, Once Used, Always Used.** Order some and be convinced.

Buy Direct  
From the  
Grower.

**J. A. BUDLONG**  
37-39 Randolph Street, CHICAGO.  
Wholesale  
GROWER of **CUT FLOWERS**

We Strive  
To  
Please.

We are Cutting a  
Large Quantity of

## LONG STEM BEAUTIES

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      | Per doz,       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 15-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100                 |
|-----------------|-------------------------|
| Killarney       | Extra fancy.....\$10 00 |
| White Killarney | Fancy.....8 00          |
| Mrs. Jardine,   | Good.....6 00           |
| Richmond,       | Short.....4 00          |
| Bride,          |                         |
| Mald,           | Fancy.....\$8 00        |
| Uncle John,     | Good.....6 00           |
| Perle           | Short.....4 00          |

|                          | Per 100           |
|--------------------------|-------------------|
| Roses, Our Selection     | 5 00              |
| Carnations, fancy.....   | 4 00              |
| Good.....                | 2 00 to 3 00      |
| Valley.....              | 4 00 to 5 00      |
| Adiantum.....            | 1 00              |
| Sprenger, per bunch..... | \$ 0.50 to \$0.75 |
| Asparagus " ".....       | .50 to .75        |
| Ferns, per 1000.....     | 2.50              |
| Galax.....               | 1.00 to 1.50      |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

#### Chicago Bowling.

On February 5 the Joliet team, of which P. J. Olsen is a member, defeated the local boys at Bensinger's alleys, winning out by nearly 100 pins. The local team started out strong and at the end of the second game were 13 pins to the good, the number however proved unlucky for them for the Joliet boys came back strong and won out by a good margin. Hoffman of Joliet bowled exceptionally well in the last game, making 225, the highest individual score for the day.

The second team consisting of Lorman, Liebermann, Graff, Schultz and Wolff were also defeated by a Joliet team, losing out by 150 pins.

Individual and team scores for games played February 5:

| Chicago.               | Joliet.               |
|------------------------|-----------------------|
| Huebner ..183 188 131  | Olsen ....139 181 186 |
| Farley ....163 146 188 | Griffin ...132 184 97 |
| Friedman ..181 148 151 | Dorsey ...142 158 140 |
| Winterson..145 160 148 | Fritz ....194 188 139 |
| A. Zech ...141 202 170 | Hoffman ..158 168 225 |
| Totals...818 844 788   | Totals...765 879 887  |

On February 2 the Orchids won three games from the Violets and the Carnations three from the Roses. The two latter teams are now tied for second place, each having won and lost an equal number of games.

Individual and team scores for games played February 2:

| Carnations.            | Orchids.                |
|------------------------|-------------------------|
| Ayers ....139 171 164  | Huebner ..165 164 173   |
| Winterson..137 187 131 | Zech ....157 145 144    |
| Goerlich ..170 194 185 | Graff ....151 149 160   |
| Schultz ...140 159 136 | Degnan ...165 136 134   |
| A. Zech ...166 164 153 | Farley ...176 134 150   |
| Totals...743 795 789   | Totals...814 728 761    |
| Roses.                 | Violets.                |
| Foster ....144 149 161 | Vaughan ..151 131 189   |
| Ayers ....154 114 116  | Liebermann..169 128 170 |
| Cohen ....123 74 117   | Friedman ..167 142 140  |
| Krauss ...131 109 158  | Lazeroff ...96 124 90   |
| Wolff ....161 166 156  | Lorman ...145 166 141   |
| Totals...713 612 788   | Totals...818 611 730    |

FREDERICTON, N. B.—The stock at John Bebbington & Sons' is in fine condition, the azaleas, cyclamen, cinerarias, primulas, carnations and lilies never looked better.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

—SEND FOR PRICE LIST.—  
76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS AND GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

Cleveland.

MORE STOCK ARRIVING.

Business the past week has been somewhat better and more stock arriving, enabling both wholesaler and retailer to better take care of their customers. It will be several weeks before roses will be very plentiful but meanwhile bulbous stock of all kinds is piling in. Tulips, hyacinths, all colors, and Paper White narcissus are arriving in quantity. Lilies appear to be quite plentiful and find a good demand; callas, too, are clearing up daily. Freesia is plentiful, but not much sought after. Calendulas, sweet peas and forget-me-not are generally sold before they arrive. Carnations are becoming a little more plentiful, but by no means in excess of a good demand. Retailers can now get a better assortment of flowers for all kinds of work as, with a fair amount of sunshine, stock ought to become nearer normal in supply.

### NOTES.

This is the third and last call before the big show opens at the Florists' Club rooms on Detroit avenue, near West Twenty-fifth street, February 13, 1911. All those florists who have not as yet done their little share, please remember that these shows are for the good of all, and everyone is asked to contribute their little mite, either by a small exhibit, or at least favor the Florists' Club with their presence. Remember it costs you nothing and you never get too old to learn or see something new that will interest you. Your brother florists are always experimenting and new varieties are coming daily.

Cleveland's City Forester has a unique way of advertising his profes-

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

32, 34, 36 RANDOLPH STREET,  
CHICAGO.  
L. D. Phone Central 1978 and 1977.

## Wholesale Flower Markets

|                                           | CHICAGO, Feb. 8. | Per doz. |
|-------------------------------------------|------------------|----------|
| Roses, Beauty, 36 in .....                | 12 00/25 00      | 5 00     |
| " " 30 in .....                           | 12 00/15 00      | 4 00     |
| " " 24 in .....                           | 12 00/10 00      | 3 00     |
| " " 18 in .....                           | 12 00/5 00       | 2 00     |
| " " 12 to 15 in .....                     | 1 00/1 50        | 1 50     |
| " " Bride, Bridesmaid select, 12 00/25 00 |                  | Per 100  |
| " " " medium 6 00/12 00                   |                  | 8 00     |
| " " Killarney, select, 12 00/15 00        |                  | 8 00     |
| " " " medium and short 6 00/8 00          |                  | 8 00     |
| " " Kaiserin, 4 00/12 00                  |                  | 12 00    |
| " " Mr. Jardine, 4 00/12 00               |                  | 12 00    |
| " " My Maryland, 6 00/15 00               |                  | 15 00    |
| " " Perle, 4 00/12 00                     |                  | 12 00    |
| " " Richmond, 6 00/15 00                  |                  | 15 00    |
| " " Uncle John, 4 00/12 00                |                  | 12 00    |
| " " White Killarney select, 15 00         |                  | 15 00    |
| " " " medium 8 00/12 00                   |                  | 12 00    |
| " " " 2 00/3 00                           |                  | 3 00     |
| " " fancy, 2 00/3 00                      |                  | 3 00     |
| " " Cattleyas, per doz., 5 00/6 00        |                  | 6 00     |
| " " Cypripediums, 15 00/20 00             |                  | 20 00    |
| " " Gardenias, per doz., 3 00/4 00        |                  | 4 00     |
| " " Dendrobium Formosum, 5 00/6 00        |                  | 6 00     |
| " " Dendrobium Nobile, 2 00/3 00          |                  | 3 00     |
| " " Freesia, 3 00/4 00                    |                  | 4 00     |
| " " Hyacinths, Roman, 3 00                |                  | 3 00     |
| " " Lilium Harrison, per doz., 1 50/2 00  |                  | 2 00     |
| " " Lily of the Valley, 4 00/6 00         |                  | 6 00     |
| " " Mignonette, 4 00/6 00                 |                  | 6 00     |
| " " Narcissus, 3 00                       |                  | 3 00     |
| " " Sweet Peas, 75/1 25                   |                  | 1 25     |
| " " Tulips, 2 00/3 00                     |                  | 3 00     |
| " " Violets, 75/1 25                      |                  | 1 25     |
| " " Adiantum, per 100, 75/1 00            |                  | 1 00     |
| " " Asparagus Plum, strings, each, 50/60  |                  | 60       |
| " " " per bunch, 35/40                    |                  | 40       |
| " " " 3 00/4 00                           |                  | 4 00     |
| " " Boxwood, per case, 7 50               |                  | 7 50     |
| " " Ferns, per 1000, 2 00/2 50            |                  | 2 50     |
| " " Leucothoe, 1 50                       |                  | 1 50     |
| " " Smilax, per doz., 5 00                |                  | 5 00     |
| " " Wild Smilax, per case, 5 00           |                  | 5 00     |

sion. He has secured a vast number of pictures of individual trees, trees in groups, park driveways, etc., and also pictures of insects and bugs that he is daily fighting to preserve our beautiful parks; these he is showing in the different schools in stereopticon views, together with a very interesting and instructive lecture on the care of trees and their uses to humankind.

A beautiful floral piece seen at the funeral of Patrolman Renner was one made by G. W. Mercer, 2991 West Twenty-fifth street, consisting of five links of a chain, the center link being broken, the five links representing five chums. Much favorable comment was expressed as to the workmanship and the appropriateness of this design.

The Smith & Feters Co. have an advertisement in the local daily newspapers both morning and evening. This firm has gone in for this form of ad-

## WIETOR BROS.

Wholesale  
Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

Mention the American Florist when writing



Mention the American Florist when writing

## A. L. Randall Co.

19-21 Randolph St.,  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

Mention the American Florist when writing

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

Mention the American Florist when writing

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

Mention the American Florist when writing

## Geo. Reinberg

Wholesale Florist

35 Randolph Street, CHICAGO.

Mention the American Florist when writing

vertising as it pays for any retailer to get his name and business before the public.

Mrs. Fred Burger has undergone an operation at Lakeside Hospital. She is improving and we hope she will soon be up and around.

The Jas. Eadie Co. has a Saturday special \$1.00 box. Selling like "hot-cakes" is the answer.

Cleveland is to have an automobile show next week that is going to take quite a number of flowers and decorative greens.

C. F. B.





American Beauties

Lily of the Valley, Carnations and all Tea Roses,

In lots of one hundred to one thousand. Phone or wire us.

WELCH BROTHERS,

226 Devonshire St. Boston, Mass.

Asparagus Plumosus Nanus

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

THE

J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES

SEEDS and BULBS.

Price List on Application.

316 Walnut St., CINCINNATI, OHIO.

Phone Main 584.

Pittsburg.

HEAVY SNOW.

Another brand of weather greets us. This time a heavy snow, which is putting a damper on the "posie" business; stock was coming in just about right the past week, but this sudden change will check it to a great extent. Lily of the valley is finding slow sale in this market; Greens of all kinds are plentiful, excepting adiantum, which is very scarce.

CLUB MEETING.

It was election and carnation night at the regular meeting of the Florists' Club, February 7. The following were elected: John Jones, president; P. S. Randolph, vice-president; H. L. Blind, treasurer; H. P. Joslin, secretary; O. S. Crall, assistant secretary; E. C. Reineman, John Bader, Neil McCallum, executive committee. F. Dörner & Sons Co., Lafayette, Ind., exhibited Pink Delight, Shasta, Lady Bountiful, White Perfection, Dorothy Gordon, Mrs. Ward and Beacon. A. T. Lerch & Co., Allison Park, exhibited White Lawson, Enchantress, White Enchantress, Winona and Mrs. Lawson. Baur & Smith, Indianapolis, Ind., exhibited Pochontas, which was awarded a cultural certificate. Nic Zweifel, North Milwaukee, Wis., exhibited carnation Bright Spot, which was awarded a certificate of merit.

NOTES.

J. E. Bonsall, Salem, Ohio, who grows summer roses for this market, has just returned from a very interesting and extended trip as far as Skagway, Alaska. After taking in the Yellow Stone National park, he proceeded to Portland and thence to Alaska, where he states the vegetation was a revelation to him. He spoke particularly of clumps of pansies as big as a wash tub, and stems as thick as a pencil, with flowers corresponding. He thinks it also an ideal climate for sweet peas, having never seen such fine specimens before. After leisurely visiting Southern California, he returned home to "take off his coat and get after his roses," which consist principally of Kaiserin Augusta Victoria and President Carnot. The McCallum Co. will dispose of them on the market.

Frank Myers, of Chestnut Hill, Philadelphia, who consigns American Beauties to The Pittsburg Cut Flower Co., was a recent visitor.

Frank Stafford, formerly with McRae & Jenkinson Co., is now located with Randolph & McClements.

E. C. Ludwig, North Side, has been very busy with funeral work.

HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

|                                  | BOSTON, Feb. 8.     | Per 100  |
|----------------------------------|---------------------|----------|
| Roses, Beauty, best              | 35                  | 00@26 00 |
| " " medium                       | 15                  | 00@25 00 |
| " " culls                        | 6                   | 00@8 00  |
| " " Bride, Bridesmaid            | 8                   | 00@9 00  |
| " " Extra.                       | 8                   | 00@16 00 |
| " Killarney and Richmond.        | 8                   | 00@16 00 |
| " My Maryland.                   | 4                   | 00@16 00 |
| " Carnot.                        | 2                   | 00@8 00  |
| Carnations, select               | 2                   | 00@2 00  |
| " fancy                          | 3                   | 00@2 40  |
| Callas.                          | 8                   | 00@12 00 |
| Cattleyas.                       | 35                  | 00@50 00 |
| Chrysanthemums.                  | 8                   | 00@35 00 |
| Gardenias.                       | 25                  | 00@35 00 |
| Lilium Longiflorum               | 8                   | 00@10 00 |
| Lily of the Valley.              | 2                   | 00@2 40  |
| Violets                          | 5                   | 00@2 75  |
| Smilax                           | 12                  | 00@16 00 |
|                                  | ST. LOUIS, Feb. 8.  |          |
| Roses, Beauty, long stems        | 30                  | 00@40 00 |
| " " medium stems                 | 8                   | 00@10 00 |
| " " short stems                  | 2                   | 00@2 40  |
| " " Bride, Bridesmaid            | 5                   | 00@8 00  |
| " Killarney                      | 5                   | 00@8 00  |
| " My Maryland                    | 5                   | 00@8 00  |
| " Richmond.                      | 5                   | 00@8 00  |
| Carnations.                      | 3                   | 00@2 40  |
| Easter Lilies.                   | 12                  | 50@15 00 |
| Valley                           | 4                   | 00       |
| Adiantum                         | 1                   | 25       |
| Asparagus Sprenger.              | 2                   | 00@2 30  |
|                                  | CINCINNATI, Feb. 8. |          |
| Roses, Beauty                    | per doz., 1 00      | @ 6 00   |
| " " Bride, Bridesmaid            | 2                   | 00@2 80  |
| " " Golden Gate                  | 2                   | 00@2 80  |
| " " Killarney                    | 2                   | 00@2 80  |
| " " Richmond                     | 2                   | 00@2 80  |
| " Pres. Taft                     | 3                   | 00@2 80  |
| Carnations.                      | 3                   | 00@2 40  |
| Callas                           | 4                   | 00       |
| Hyacinths, Dutch                 | 4                   | 00@2 50  |
| " " Roman                        | 2                   | 00@2 30  |
| Lilium Longiflorum               | 12                  | 50@15 00 |
| Lily of the Valley, White        | 3                   | 00@2 40  |
| Sweet Peas.                      | 75                  | @ 1 00   |
| Tulips                           | 3                   | 00@2 40  |
| Violets                          | 2                   | 00@2 10  |
| Adiantum                         | 1                   | 00@2 10  |
| Asparagus Plumosus.              | per bunch,          | 25       |
| " " per string.                  | 50                  |          |
| Asparagus Sprenger               | per bunch,          | 25       |
|                                  | MILWAUKEE, Feb. 8.  |          |
| Roses, Beauty                    | per doz., 1 50      | @ 6 00   |
| " " Bride                        | 4                   | 00@10 00 |
| " " Killarney                    | 4                   | 00@12 00 |
| " " Richmond                     | 4                   | 00@12 00 |
| " " Perle                        | 4                   | 00@10 00 |
| Carnations                       | 2                   | 00@2 50  |
| Lilium Giganteum, per doz., 2 00 |                     |          |
| Lily of the Valley.              |                     | 4 00     |
| Paper Whites and Romans          |                     | 2 00     |
| Stevia                           |                     | 2 00     |
| Tulips                           |                     | 3 00     |
| Violets                          |                     | 50 10    |
| Adiantum                         |                     | 1 50     |
| Asparagus                        | per string,         | 50       |
| " " Plumosus, per bunch,         | 35                  |          |
| " " Sprenger,                    | 35                  |          |
| Boxwood                          | per bunch,          | 25       |
| Ferns, Fancy                     | per doz., 1 50      | @ 6 00   |
| Galax.                           | per 1000,           | 2 00     |
| Galax.                           | per 1000,           | 1 50     |
| Smilax                           | per doz., 1 75      |          |
| Wild Smilax                      | per case,           | 5 00     |

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Max Schreiber, of McDonald, is able to be around again after a siege of la grippe.

J. B. Murdock, Van Emans, is cutting some fine White Enchantress carnations.

F. Burke, Bakerstown, has been on the jury this week in the Criminal court.

Martin A. Leganger, of A. L. Randall Co., Chicago, was a recent caller.

J.

BALTIMORE, Md.—Mark Wells, the well known florist at 231 South Broadway, gave a demonstration January 27 of the new portable fire escape which he has recently invented.

SIoux CITY, IA.—Mrs. J. C. Rennison, wife of the late J. C. Rennison, died at her home in this city February 8. Her husband was one of the well known figures at the conventions up to 1906 when he died.



## New York.

Saturday morning, February 4, we were treated to a thunder storm, accompanied by a heavy downpour of rain. The thunder and lightning is rather an unusual thing for February and coming as it did, on a Saturday morning, it had, possibly, some slight effect on the cut flower business. Still, trade is quite good; there are few items indeed that are coming in very plentiful, and retailers seem to be having just about business enough to use up the visible supply from day to day, which is a satisfactory condition all around. A very noticeable improvement is apparent in the selling prices of some of the bulbous flowers, particularly Roman hyacinths and Paper White narcissus. Both of these were in too heavy supply for several weeks, and prices ruled low, too much so in fact to be very profitable items from the grower's viewpoint. Tulips and the yellow narcissus in variety are meeting with ready sales as a rule, and prices remain quite firm. Sweet peas are selling well, as also is lily of the valley, of the latter there is quite a cut of short stemmed flowers coming in, but it clears out at some price or other. Lilies, both longiflorum and rubrum are coming in quite heavily, yet no break in prices is made. Violets are not quite so plentiful, and values remain quite steady. Gardenias are few in numbers and clear out well. The cattleya crop is still in, so any advance in these is yet out of the question. Marguerites, yellow and white, both are showing up rather more numerous and bring from two to three dollars per hundred, according to their size. Snapdragon, wall-flower and forget-me-not are regular features in limited quantities. Carnations are cleaning out fairly well every day, with quite steady prices; the white and light pink sorts are the most sought after, reds and crimsons probably averaging the least of any. Roses of all kinds and grades continue to clear out satisfactorily; crops are not heavy, as a whole, and prices all around remain quite firm. Asparagus in bunches have also been in good demand; smilax, however, is not clearing out any better than has been the rule for several weeks.

## NOTES.

The Decies-Gould wedding which occurred on Tuesday called for quite elaborate floral decorations. Alex McConnell had charge and lilies were a principle feature. At the bachelor dinner, given by Lord Decies at the Ritz Carlton Hotel February 4, the center of the table was laid out as a miniature race track; the flower scheme on the cloth was done with scarlet carnations and rose-leaves of the same flower were hung on the walls.

The next meeting of the New York Florists' club will be held February 13, the Bowling club will meet on the afternoon of the same day at 3 p. m. at their alleys Twenty-third street near Sixth avenue. The outgoing committee at the request of chairman Fenrich will meet at the club rooms at 7 p. m. to lay out plans for the Summer festival, let all members of that committee attend as it is important.

Theo. E. Hahn, 2556 Broadway, executed the decorations at both the church and the home for the recent Johnson-Gilmore wedding the special features were white chrysanthemums and lilies; rather unusual for this season of the year. Mr. Hahn has been located here nine years and has established a lucrative business.

The legislative committee of the Florists' club is mailing a letter to the trade and kindred societies asking for their co-operation in getting a bill through the legislature at Albany asking for an appropriation for the building of greenhouses for the carrying out of experimental work.

Eugene Dailledouze is home from a ten days' trip among his western friends. He visited while away, Cincinnati, Richmond, Chicago, and several intermediate points. Paul and Henry Dailledouze are in Porto-Rico enjoying summer temperatures.

Chas. Habermann has one of the oldest established florist's stores on upper Broadway, he is at 2648 and has been in the same block for 16 years. He has a large well equipped store and does a very fine business.

The S. S. Pennock-Meehan Co. have put a man out to sell ribbons exclusively, this firm has been specializing on ribbons for some time and their line is complete for all florist requirements.

Retail store men say that business is not quite as good as it was one year ago at this time yet there is something doing all the time and the only real cause of complaint is the stock.

Frank E. Benedict, a landscape gardener and florist of Water Mill, L. I., has just died, aged 59 years. He was interested in 27 other lines of industry besides those mentioned.

Hartman's Rosary is the title of the store at 2654 Broadway. Mr. Hartman has been located here four years and besides local trade he handles quite a few out of town orders.

A son was born last week to Mr. and Mrs. Armin Kretschman, West Nyack, N. Y.

Visitor: Edward Tourill, Roslyn, Pa.

## Washington.

## BUSINESS GOOD.

Business continues good, though there is complaint from some quarters on account of the scarcity of good roses, other stocks are in fair supply. Carnations are not over-plentiful but their scarcity is largely supplanted by a liberal supply of tulips, narcissus and freesias. As previously intimated, good roses are needed here and dissatisfied growers might profitably take this market into consideration. The supply of single violets and sweet peas, and stocks and snapdragons are beginning to arrive in more liberal quantities. In plants, cyclamens, primroses, cinerarias and small table ferns are selling well.

## NOTES.

Patrick O'Mara, of New York, who once said that he was not, properly speaking, a seedsman, but had been compelled to associate with them all his life, was in the city February 2, attending a hearing before the Congressional committee on Interstate and Foreign Commerce. Doubtless his next public appearance will be in New Jersey, before a committee on dynamite and other high explosives.

The veteran superintendent of the U. S. Botanical Gardens, Wm. R. Smith, was looking over the retail district on February 4. Though he was here in "the good old days befo' the wah," the years seem to sit lightly upon him. He is a grand old man and will outlive a lot of the "boys."

George C. Shaffer has been so busy of late that his entire force has been on the run the last three or four working hours. He has a fine line of customers and this is the season when they show their appreciation of his efforts to please them.

The Washington Florists' Exchange, of which G. Milton Thomas is president and Albert Schnell manager, is doing a fine business. They have a great demand for roses and are on the lookout for several good shippers.

Geo. E. Cooke has been very busy during the past week with dinner decorations, having as high as six in one day. In addition to the activities at his store, Mr. Cooke finds time, occasionally, to bowl a good game.

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W. Marche had a number of large orders during the past week for funeral work. He has also had an addition of one, a daughter, to his family and as everybody is doing well he is happy.

John R. Morgan, who has a range at Connecticut avenue and Grant road and sells in the Center Market, has recently been selling very fine primroses and other flowering plants.

C. E. Brooks, who conducts a nice retail store at 1527 Fourteenth street, New York, is receiving a fine line of carnations from Fred Hill, a grower of Fairfax county, Virginia.

John Boyle, who has greenhouses at Silver Springs, Md., and stands in the Center Market, this city, has been recently sending in a fine assortment of flowering plants.

F. H. Kramer has now a limited quantity of his rose Queen Beatrice. This rose is pronounced by experts to be the best keeper ever put on this market.

Mayberry & Hoover, a long established firm in the retail business on Fourteenth street, have recently been doing some very artistic decorating.

J. R. Freeman has a very remarkable display of foliage and flowering plants at his Thirtieth street store.

Wm. Ernest, the red pot man of this city, is making extensive preparations to supply the trade with all the pots it needs.

A. F. F.

**SOUTH SUNBURY, MASS.**—The Anderson greenhouse range, consisting of seven houses, and the dwelling house and barn on the state highway, has been sold to J. A. Bartlett.

**WATERBURY, CONN.**—Alexander Dalas is building a range of greenhouses on the property which he recently purchased. Emil Hansen, of Oakville, is a new employee.

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**Wholesale Flower Markets**

NEW YORK, Feb. 8.

|                                      |             |
|--------------------------------------|-------------|
| Roses, Beauty, special.....          | 25 00@25 00 |
| " " extra and fancy.....             | 10 00@20 00 |
| " " No. 1 and No. 2.....             | 5 00@8 00   |
| " " Bride, Bridesmaid, special.....  | 10 00@12 00 |
| " " extra and fancy.....             | 6 00@8 00   |
| " " No. 1 and No. 2.....             | 4 00@6 00   |
| " " Killarney, My Mary Ind. spl..... | 10 00@12 00 |
| " " extra and fancy.....             | 6 00@8 00   |
| " " No. 1 and No. 2.....             | 3 00@6 00   |
| " " Richmond.....                    | 3 00@15 00  |
| Carnations.....                      | 3 00@6 00   |
| Callas.....                          | 10 00@12 00 |
| Cattleyas.....                       | 25 00       |
| Gardenias..... per doz.              | 2 00@2 60   |
| Lilium Longiflorum.....              | 6 00@10 00  |
| Lily of the Valley.....              | 1 00@2 30   |
| Narcissus P. White.....              | 2 00@2 50   |
| " " Yellow.....                      | 3 00@2 50   |
| Roman Hyacinths.....                 | 2 00@2 50   |
| Sweet Peas..... per doz. bchs.       | 75@ 1 50    |
| Tulips.....                          | 3 00@2 50   |
| Violets.....                         | 25@ 40      |

BUFFALO, Feb. 8.

|                                    |             |
|------------------------------------|-------------|
| Roses, Beauty, special.....        | 49 00@50 00 |
| " " fancy.....                     | 30 00@35 00 |
| " " extra.....                     | 20 00@25 00 |
| " " No. 1.....                     | 10 00@15 00 |
| " " No. 2.....                     | 5 00@7 00   |
| " " Bride, Maid, Killarney.....    | 6 00@15 00  |
| " " Killarney, White and Pink..... | 6 00@15 00  |
| Carnations.....                    | 12 00@15 00 |
| Callas.....                        | 12 00@15 00 |
| Double Von Sion.....               | 3 00@4 00   |
| Freemans.....                      | 2 00@3 00   |
| Lilium Longiflorum.....            | 12 00@15 00 |
| Lilium Speciosum.....              | 4 00@6 00   |
| Lily of the Valley.....            | 3 00@4 00   |
| Mignonette.....                    | 3 00@4 00   |
| Narcissus Paper Whites.....        | 2 00@3 00   |
| Stevia.....                        | 1 00@1 25   |
| Sweet Peas.....                    | 75@ 1 00    |
| Trumpet Major.....                 | 3 00@4 00   |
| Violets.....                       | 50@ 75      |
| Adiantum Croweanum.....            | 75@ 1 50    |
| Asparagus, per bunch.....          | 35@ 50      |
| Asparagus Sprenger.....            | 35@ 50      |
| Asparagus Str.....                 | 50@ 60      |
| Berbs..... per 1000.....           | \$2 00      |
| Galax, green and bronze.....       | 1 50        |
| Leucothe Sprays.....               | 75          |
| Smilax.....                        | 15 00       |

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| 21x5x3½.....1 85  | 28x8x5.....3 75   |
| 24x5x3½.....2 35  | 30x8x5.....4 50   |
| 28x5x3½.....2 90  | 36x8x5.....5 50   |
| 30x5x3½.....3 00  | 30x12x6.....6 25  |
| 21x8x5.....2 85   | 36x14x6.....7 50  |

## Double Violet Boxes.

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| 9 x4x4.....\$1 75 | 10x7x6.....\$2 50 |
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**Green and Violet Tin Foil**, best quality  
17c per lb. **Plain Tin Foil**, 9c per lb.  
**Dagger and Fancy Ferns**, A No. 1  
quality, \$1.25 per 1000.  
**Brilliant Bronze and Green Galax**,  
\$1.00 per 1000; \$7.50 per 10,000.  
**Boxwood**, excellent quality, 16c per lb  
**Southern Wild Smilax**, \$6 per case.  
**Imported Bronze and Green Magnolias**, \$2.00 per basket.

## Imported Cycas Leaves

Finest Quality.

|                 | Per 100 |
|-----------------|---------|
| 4x8 -inch.....  | \$2 00  |
| 8x12-inch.....  | 2 50    |
| 12x16-inch..... | 3 00    |
| 16x20-inch..... | 3 50    |
| 20x24-inch..... | 4 00    |
| 24x28-inch..... | 5 00    |
| 28x32-inch..... | 6 00    |
| 32x36-inch..... | 7 00    |
| 36x40-inch..... | 8 00    |

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## Fancy Ferns, - \$2.00 per 1000



|                                                         |                                            |
|---------------------------------------------------------|--------------------------------------------|
| <b>New Crop Galax</b> , Bronze or Green.....            | \$1.25 per 1000; 10,000 \$7.50             |
| <b>Sphagnum Moss</b> , large bales.....                 | \$1 25; 6 bales, \$7.00. Extra Fine        |
| <b>Leucothoe Sprays</b> , Green and Bronze.....         | \$1.00 per 100; \$7.50 per 1000            |
| <b>Boxwood</b> ,.....                                   | per bunch, 35c; 50-lb. case, \$8.50        |
| <b>Magnolias</b> , Brown and Green, Imported stock..... | per basket, \$2.50; 6 baskets, \$2.00 each |

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Nashville.

The unusually warm weather of the past few weeks has had a tendency to bring everything out too soon, and in imminent risk of being killed by subsequent freezes. The sunshine has been good, for the snows and everything under glass is blooming freely. Plants are in beautiful condition and the sale good, azaleas, cinerarias, cyclamens, hyacinths, Paper Whites, narcissus and other plants supply a large demand.

## NOTES.

The Joy Floral Company has a nice variety, such as mignonette, snapdragons and swainsona, and a fine crop of sweet peas. The latter is very popular, being a novelty at this season; orchids are on in perfection just now; American Beauty is off crop, but Killarney, both pink and white, are sufficient for all demands.

Geny Bros. are going right ahead with their building and enlarging. They are erecting, east of their present range, at the new location, a large house, 30x200, and expect to have it completed in the next thirty days, when it will be immediately planted in carnations. M. C. D.

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Mail, Telephone and Telegraph orders filled  
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Will carefully execute and deliver orders in any  
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Wholesale and Retail Florist.

Gold Fish.

Although gold fish were probably introduced into England from China so long ago as 1611, there was but little interest in them until about fifty years ago. The Japanese and Chinese, on the contrary, have indulged in the rearing and breeding of fish in confinement for many centuries, and as a result of careful selection have succeeded in evolving many extraordinary quaint and beautiful varieties, of which the specimens at the Japan-British exhibition afford interesting examples. While the Chinese appear to devote their attention chiefly to the production of fish of abnormal hues, the Japanese have achieved success mainly in the rearing of specimens of curious shape and possessing abnormal fins. The telescope fish—a variety of gold fish with projecting eyes and extensive tail—being an extreme example. So extensive is this form of pisciculture in Japan that the fish described may well be included among the products of that enterprising country. Some difficulty was necessarily experienced in transporting these rare fish from the Far East to their home at the White City, but so successful was the experiment that fully 50 per cent arrived in this country in perfect condition, and have now apparently become thoroughly acclimatized and have multiplied to such an extent that shoals of tiny fry may be seen darting hither and thither in the miniature lakes at the exhibition.—London Gardeners' Chronicle.

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Will carefully execute orders for  
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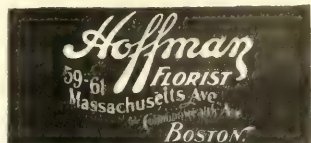
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We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in all parts of Texas.

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Regular discount allowed on all orders, either Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

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Baer, Julius, 138 E. Fourth St., Cincinnati.  
Bertermann Bros. Co., Indianapolis, Ind.  
Blackstone, 14th and H Sts., Washington.  
Boland, J. B., 60 Kearney St., San Francisco.  
Brettmeyer's Sons, John, Detroit, Mich.  
Buckbee, H. W., Rockford, Ill.  
Cleveland Cut Flower Co., The, Cleveland, O.  
Clark's Sons, David, 2139 Broadway, New York.  
Cooke, Geo. H., Washington, D. C.  
Cross, Eli, 25 Monroe, Grand Rapids, Mich.  
Crump, Frank, Colorado Springs, Colo.  
Daniels & Fisher, Denver, Colo.  
Dards, 44th and Madison Ave., New York.  
Dunlop's, 96 Yonge St., Toronto, Can.  
Egges, 11 N. Pearl St., Albany, N. Y.  
Galvin, Thos. F., Inc., 124 Tremont St., Boston.  
Gasser Co., The, J. M., Cleveland, O.  
Geary Bros., Nashville, Tenn.  
Grand Rapids Floral Co., Grand Rapids.  
Gude Bros., Washington, D. C.  
Hartmann's Rosary, 2654 E'way, New York.  
Heintz & Son, John G., Terre Haute, Ind.  
Hess & Swoboda, 1415 Farnum St., Omaha.  
Hoffman, Florist, Boston.  
Holm & Olson, St. Paul, Minn.  
Keller Sons, J. B., Rochester, N. Y.  
Kellogg Flower and Plant Co., Geo. M., Kansas City, Mo.  
Kitt, Robert, 1725 Chestnut, Philadelphia.  
Lange, A., 44 E. Madison St., Chicago.  
Lapes, J. E., Cedar Rapids, Ia.  
McCormell, Alex., 571 5th Ave., New York.  
Malandre Bros., 2094 Broadway, New York.  
May & Co., L. L., St. Paul, Minn.  
Matthews, 18 W. 3rd St., Dayton, O.  
Murray, Sam'l, 913 Grand Ave., Kansas City.  
Myer, Florist, 609 Madison Ave., New York.  
Park Floral Co., The, Denver, Colo.  
Palmer & Son, W. J., 304 Main St., Buffalo.  
Penn, the florist, 43 Bromfield St., Boston.  
Phillips, John V., 272 Fulton St., Brooklyn.  
Pottorff Co., C. C., Milwaukee, Wis.  
Reimers, M. D., 223 S. 4th Ave., Louisville, Ky.  
Rock Flower Co., Wm. L., Kansas City, Mo.  
Schulz, Jacob, 550 S. 4th Ave., Louisville, Ky.  
Shaffer, 14th and I Sts., N. W., Washington.  
Small & Sons, J. H., 1355 Broadway, New York.  
Smith Co., 14th and G Sts., Washington, D. C.  
Smith Co., A. W., Keenan Bldg., Pittsburg, Pa.  
Smith, Henry, Grand Rapids, Mich.  
Texas Seed and Floral Co., Dallas, Tex.  
Weber, F. H., St. Louis, Mo.  
Walker & Co., F., 634 4th Ave., Louisville, Ky.  
Wilcox, 2 and 3 Greene Ave., Brooklyn, N. Y.  
Wittbold Co., Geo., 737 Buckingham Pl., Chicago.  
Wolfskill Bros., 216 W. 4th St., Los Angeles, Cal.  
Young's, 1406 Olive St., St. Louis, Mo.  
Young & Nugent, New York.

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ALFRED HANNAH & SONS. Will fill your orders for Designs and Cut Flowers in Michigan

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Telegraph us and we will reciprocate. We cover all points in New England.

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Corner Miami and Gratiot Avenues.

**Artistic Designs.  
High Grade Cut Blooms.**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**Gude's**

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**A. W. SMITH CO.**

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Established 1874. Incorporated 1909.

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Best Quality on Shortest Notice

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Albany, N. Y.—Eyles, 11 N. Pearl St.

Anderson, S. C.—The Anderson Floral Co.

Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.

Boston—Thos. F. Galvin, Inc., 124 Tremont St.

Boston—Hoffman, 59-61 Mass Ave.

Boston—Penn, the Florist, 43 Bromfield St.

Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.

Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.

Buffalo, N. Y.—S. A. Anderson, 440 Main.

Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.

Cedar Rapids, Ia.—J. E. Lapes.

Chicago—A. Lange, 41 E. Madison St.

Chicago—Geo. Wittbold Co., 737 Buckingham Pl.

Cincinnati—Julius Baer, 138 E. Fourth St.

Cleveland, O.—The Cleveland Cut Flower Co.

Cleveland, O.—The J. M. Gasser Co.

Colorado Springs, Colo.—Frank F. Crump.

Dallas, Tex.—Texas Seed and Floral Co.

Dayton, O.—Matthews, 16 W. 3rd St.

Denver, Colo.—Daniels & Fisher.

Denver, Colo.—The Park Floral Co.

Detroit, Mich.—John Breitmeyer's Sons

Grand Rapids, Mich.—Eli Cross, 25 Monroe.

Grand Rapids, Mich.—Grand Rapids Floral Co.

Grand Rapids, Mich.—Henry Smith.

Indianapolis—Bertermann Bros. Co., 241 Mass St.

Kansas City—Geo. M. Kellogg F & P. Co.

Kansas City—Samuel Murray, 913 Grand Ave.

Kansas City—Wm. L. Rock Flower Co.

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Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.

Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.

Louisville, Ky.—F. Walker & Co., 634 4th Ave.

Milwaukee—C. C. Pollworth Co.

Nashville, Tenn.—Geny Bros.

New York—D. Clark's Sons, 2139 Broadway.

New York—Dard's, 44th and Madison Ave.

New York—Hartmann's Rosary, 2654 E'way.

New York—Alex McConnell, 571 5th Ave.

New York—Malandros Bros., 2004 Broadway.

New York—Myer, Florist, 600 Madison Ave.

New York—J. H. Small & Sons, 1153 Broadway.

New York—Young and Nugent.

Omaha, Neb.—Hess & Swoboda, Farnum St.

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St. Paul, Minn.—Holm & Olson.

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TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

St. Paul, Minn.

**HOLM & OLSON,  
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The Leading Florists of the Northwest  
Orders will be well cared for anywhere in  
MINNESOTA AND THE DAKOTAS.

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Successors to J. W. Wolfskill, Florist.

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Canada's best known and most reliable florist

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the  
Best **Dunlop's**

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We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in

**Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention at Milwaukee, Wis., June 20-22, 1911.

TUBEROSE bulbs are in brisk demand and short supply.

WITHEE, WIS.—The P. S. A. Ferguson Seed Co., of Minneapolis, Minn., has purchased 1,600 acres of land, and will establish a seed farm near here.

MISSOURI's proposed seed bill is not likely to go through, a committee of the seed trade of the state which called on the senate committee a few days ago, having had this assurance.

VISITED CHICAGO: C. W. Scott, of the Yokohama Nursery Co., New York; Fred Hogue, of the Hogue-Kellogg Co., Ventura, Calif.; H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.

W. C. LANGBRIDGE and Chas. P. Gueff, representing Jerome B. Rice Seed Co., Cambridge, N. Y., and many others, were in Chicago this week en route to the Cannery's convention at Milwaukee.

VISITED MILWAUKEE: W. C. Langbridge and C. P. Gueff, of the Jerome B. Rice Seed Co., Cambridge, N. Y.; C. N. Keeney, LeRoy, N. Y.; H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.; Theo. Cobb and C. B. Coe of D. M. Ferry & Co., Detroit, Mich.

NEW YORK.—The terrific dynamite explosion which occurred on the Jersey shore February 1, caused much breaking of plate glass among the downtown seedsmen. The Peter Henderson Co. had three large show windows shattered. Burnett Bros. had their front windows blown out and smashed and a barrel, with spray pump attached, which was on display in one of the windows, was driven almost across the street by the force of the explosion. The Stump & Walter Co. had all four of their windows destroyed, while Wm. Elliott & Sons suffered only the loss of two small windows in the rear of the store.—Cannas and gladioli are reported short in supply. Gladioli America in particular.—Alex. Forbes and P. O'Mara have been in Washington, D. C., on legislative business.

JEROME B. RICE, JR., Cambridge, N. Y., was married last week.

D. I. BUSHNELL, of D. I. Bushnell & Co., St. Louis, Mo., has returned from Guatemala.

SIX Dutch travelers are reported to be making the Pacific Coast points this year as against two last year.

JOHN LEWIS CHILDS, Floral Park, N. Y., stopped off at Chicago a few hours February 4, en route to Los Angeles, Calif.

CHICAGO.—Prices on the board of trade February 8 for grass seed were noted as follows: Timothy, \$10 to \$11 per 100 pounds. White clover, from \$22 to \$30.

### Seedsmen Protest at Washington.

The American Seed Trade Association's committee on legislation, representatives of the Wholesale Seedsmen's League and others, met with the interstate and foreign commerce committee of the house of representatives in the room of the latter at 10 a. m., February 2. The following seedsmen were present, as individuals or as representative committeemen: Albert McCullough, Cincinnati, O.; Albert Dickinson, Chas. Dickinson, Geo. S. Green and Chas. D. Boyles, Chicago; Patrick O'Mara, Alex. Forbes, Henry Nungesser and Marshall H. Duryea, New York; W. Atlee Burpee, Philadelphia, Pa.; John W. May, Alexandria, Va.; Watson S. Woodruff, Orange, Conn.; D. I. Bushnell, St. Louis, Mo.; Henry Wood, Richmond, Va.; Alex. L. Rogers, Alpena, Mich.; Kirby B. White, Detroit, Mich.; F. W. Boigiano, Washington, D. C.; John A. Smith, Toledo, O.; A. E. Reynolds, Crawfordsville, Ind.; C. H. Breck, J. K. M. L. Farquhar and Curtis Nye Smith, Boston, Mass., and Prof. Wood, of the Maine Experiment station.

Chairman Watson S. Woodruff opened for the seedsmen, followed by Messrs. Green, Reynolds, White, Chas. Dickinson and others. It was apparent in all the councils of the seedsmen that no bill had as yet been offered on which the grass and garden seed men could agree, the latter maintaining strenuously that no good reason had been shown for a federal garden seed bill. While the grass seed dealers were satisfied so far as their line of trade was concerned, that Bill H. R. 20373, known as the "Import Seed Bill" and submitted to Congress last session, should be satisfactory to the public and to the Department of Agriculture and was satisfactory to them, though

they were satisfied to accept slight modifications. Attention was called to the report of Secretary Wilson a year ago, in which he stated that importation of grass seed adulterants had practically stopped. Regarding Bill H. R. 29163, the seedsmen agreed and several members of the house committee seemed, by their questions, to be in accord with them that this document, as proposed, was not required nor adaptable. At the close of the hearing the house committee assured the seedsmen that no attempt would be made to push the objectionable bill H. R. 29163 for passage. The seedsmen presented two rough revisions of each of the above mentioned bills for consideration by the house committee, neither of which included garden and flower seed in the list and carrying penalties in fines only. It appeared that the committee has come to realize that the proposition of making one law for the whole United States is a matter of too serious consideration to go into without thorough investigation.

Prof. Wood, of Maine, made the statement that while the knowledge acquired by seed testing had been greatly advanced in the results of tests for purity, yet, there were a number of stations that had not yet reached the point where there was that uniformity in the methods that would produce the same results. As to testing for germination, the results obtained in laboratory tests thus far had not been sufficiently uniform on which to base a law that would be just to the seedsmen.

The committee of seedsmen agreed to a man that there should not be at the present time any law controlling the garden seed trade, or at least not until there was more definite knowledge of how to make a fair one.

### Canadian Seed Growers Association.

The seventh annual convention of the Canadian Seed Growers' Association will be held in the Canadian building, Ottawa, Ont., February 16 and 17. The programme includes addresses by President Jas. W. Robertson and Prof. C. C. James, Deputy Minister of Agriculture, Toronto. Papers will be presented during the meeting as follows: "Plant Breeding in Scandinavia," by L. H. Newman, Ottawa; "The Improvement of Fodder Plants by Selection," by M. O. Malte, Ph. D., Seed Branch, Ottawa, formerly of the Scientific Staff, Svalof, Sweden, and "Systems of Multiplying Improved Seed Stocks in Europe," by L. H. Newman, Ottawa.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale Trade Only.

**SAN JOSE, CALIF.**

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

**Alfred J. Brown Seed Co.**  
Grand Rapids, Mich.

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

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Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you under your own brand for \$23.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle." **J. BOLIGIAN & SON, Importers and Wholesalers** (Established for 92 years) Baltimore, Md.  
Mention the American Florist when writing

## ROUTZAHN SEED CO.

Ar-oyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

Catalogues Received.

Lord & Burnham Co., Irvington, N. Y., "Some Greenhouses We Have Built," A. T. Boddington, New York, garden guide, spring, 1911; R. Vincent, Jr., & Sons Co., White Marsh, Md., geraniums and wholesale list of geraniums; Giblin & Co., Utica, N. Y., heating apparatus and boiler circulars; E. S. Miller, Wading River, N. Y., trade list of bulbs and hardy plants; Climax Mfg. Co., Castorland, N. Y., boxes; Henry F. Mitchell Co., Philadelphia, Pa.; wholesale list of seeds, etc.; Ratekin's Seed House, Shenandoah, Ia., seeds; John Lewis Childs, Flowerfield, N. Y., trade list of gladioli and other bulbs; Holmes Seed Co., Harrisburg, Pa., seeds; California Nursery Co., Niles, Calif., nursery stock; N. L. Willet Seed Co., Augusta, Ga.; cotton seed; Imperial Seed & Plant Co., Grange, Baltimore, Md., cannas; Girardeau Seed Co., Monticello, Fla., watermelon seed; Huntington Beach Nursery, Huntington Beach, Calif., wholesale list of nursery stock; Chas. H. Totty, Madison, N. J., chrysanthemums, carnations and roses for 1911; Montarioso Nursery, Santa Barbara, Calif., plants; Scott Bros., Elmsford, N. Y., chrysanthemums.

Henry Mette, Quedlinburg, Germany, trade list of seeds; W. W. Johnson & Son, Boston, England, novelties and specialties in seed; L. Daehfeldt, Odense, Denmark, trade list of cabbage, cauliflower and other seeds; Sluis & Groot, Enkhuizen, Holland, seeds; Haartman & Koning, Sassenheim, Holland, wholesale list of bulbs, roots and nursery stock; M. Herb, Naples, Italy, seeds; Otto Putz, Erfurt, Germany, trade list of seeds; Vilmorin-Andrieux & Co., Paris, France, tree seeds; Wilhelm Pfitzer, Stuttgart, Germany, gladioli; Jacques Hasslach, St. Remy de Provence, France, seeds and seed novelties; Paul Teicher, Striegau, Germany, wholesale list of stocks and other seeds and general list of stocks; Alb. Taboureaux, Ghent, Belgium, plants.

## OREGON GROWN ASTER SEED

Yamhill Co., Oregon is the natural home of the Aster, and any one desiring seed of **HIGH GRADE COMMERCIAL QUALITY** will do well to try our seed for 1911. Ask for our new descriptive booklet **CREGO ASTER SEED**, pink, shell pink, white or purple ..... Tr. pkt. 25c; 4 pkts., 75c; oz., \$4.00  
**VICK'S ROCHESTER**, lavender pink ..... Tr. pkt. 25c; 4 pkts., 75c; oz., 4.00  
**LADY ROOSEVELT**, bright pink ..... Tr. pkt. 20c; 4 pkts., 60c; oz., 3.00

**HERBERT & FLEISHAUER, Aster Specialists, McMinnville, Oregon**

Special prices to seedsmen. Contracts taken for 1911.

Mention the American Florist when writing

## The Crego Aster

"The Best in the Market." In white, shell pink, rose pink and violet-blue. The latter new this year. Buy direct from the originator and get the best. 1/4-oz. \$1; 1/2-oz. \$2; 1-oz. \$4; cash with order. Full instructions for growing with each order for 1/2-ounce or more.

**G. S. CREGO, 736 East Main St., Portland, Oregon.**

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## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

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PEDRICKTOWN, N. J.

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## J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.

Branches: Michigan and Wisconsin. **MILFORD, CONN.**

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Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

**Schilder Bros., Chillicothe, O.**

ESTABLISHED IN 1884.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy

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## SEEDS

OF ALL KINDS APPLY TO

**W. W. JOHNSON & SON, Limited,**  
Boston, England.



## Tuberos Begonias

|                                | Per 100 |
|--------------------------------|---------|
| Single { Scarlet .....         | \$2 50  |
| White .....                    | 2 50    |
| Pink .....                     | 2 50    |
| Yellow .....                   | 2 50    |
| Doubles, colors as above ..... | 4 50    |

## LILY OF THE VALLEY

|                                     | Per 1000 |
|-------------------------------------|----------|
| Premium, dormant .....              | \$12 00  |
| International, dormant .....        | 10 00    |
| London Market (storage stock) ..... | 14 00    |

## Lilium Longiflorum (Multis)

|                      | No. in Case | Per 100 |
|----------------------|-------------|---------|
| 7 to 9 inches .....  | 300         | \$5 00  |
| 9 to 10 inches ..... | 200         | 7 00    |

## Lilium Giganteum

|                      | No. in Case | Per 100 |
|----------------------|-------------|---------|
| 7 to 9 inches .....  | 200         | \$6 75  |
| 9 to 10 inches ..... | 200         | 9 75    |

## Lilium Auratum

|                       | No. in Case | Per 100 |
|-----------------------|-------------|---------|
| 8 to 9 inches .....   | 225         | \$5 50  |
| 9 to 11 inches .....  | 125         | 8 50    |
| 11 to 12 inches ..... | 75          | 14 00   |

## Lilium Speciosum Rubrum

|                       | No. in Case | Per 100 |
|-----------------------|-------------|---------|
| 8 to 9 inches .....   | 225         | \$4 75  |
| 9 to 11 inches .....  | 125         | 8 00    |
| 11 to 12 inches ..... | 100         | 13 00   |

## Lilium Speciosum Album

|                      | No. in Case | Per 100 |
|----------------------|-------------|---------|
| 8 to 9 inches .....  | 225         | \$7 50  |
| 9 to 11 inches ..... | 125         | 10 00   |

## TUBEROSES

|                             | Per 1000 |
|-----------------------------|----------|
| Dwarf Pearl, 1st size ..... | \$8 00   |

## GLADIOLUS

|                              | Per 100 | Per 1000 |
|------------------------------|---------|----------|
| Princes .....                | \$11 00 |          |
| Mrs. Francis King, 1st ..... | 2 65    | \$23 00  |
| 2nd .....                    | 2 25    | 18 00    |
| Augusta 1st size .....       | 1 85    | 16 00    |
| 2nd size .....               | 1 75    | 13 00    |
| America, 1st size .....      | 3 75    | 33 00    |
| 2nd size .....               | 3 25    | 27 00    |

**Vaughan's See Store,**  
CHICAGO.

## Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

**CHR. OLSEN, Odense, Denmark**

Wholesale Seed Grower (Established 1862) in order to have your name placed on my mailing list.  
Mention the American Florist when writing



## GREGORY'S HONEST FLOWER SEED OFFER

We will send you these ten packages of Gregory's Honest Flower Seeds, postpaid, for 25 cents in coin.  
**50 cents worth for 25 cents**

- 1 pkg. Aster, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Pansy, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Coreopsis, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Poppy, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Mignonette, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Bachelor Button, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Petunia, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Candytuft, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Nasturtium, Dwarf, Finest Mixed, . . . 15c.  
1 pkg. Sweet Peas, Extra Choice Mixed, . . . 15c.



10 packages sent for 25c in coin.  
Our 1911 Catalogue is more  
profusely illustrated than ever,  
is just out. A copy to you for  
the asking.

**J. J. H. GREGORY & SON,**  
115 Elm St., Marblehead, Mass.

**CHOICE GERMAN**

## FLOWER SEEDS

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

**FREDERICK ROEMER,**

Seed Grower, **QUEDLINBURG, GERMANY.**

## Asparagus Plumosus Nanus GREENHOUSE GROWN SEED

**DELIVERY NOW**

Per 1000 \$4.00; 5000 for \$18.75

**A. HENDERSON & CO.,**  
51 Wabash Ave., **CHICAGO.**

## John Dodger & Sons Co. Los Angeles, California

Wholesale growers of Sweet Peas,  
Tomatoes, Lima Beans, Lettuce, Asters,  
Cosmos and other Flower Seeds.

**Boston.**

The flower market in this city is very encouraging. Roses are still very scarce, and prices are high, particularly is this true of white roses, and at times it is impossible to get enough to supply the demand. Carnations are coming in a little larger quantities and the prices have dropped a little from last week. Sweet peas are still scarce and are bringing good prices. Bulb stock of all kinds is being sent into the market and is selling at a good price, about the same as last week. The demand is about equal to the supply on all staple varieties of flowers, and if the quality is good they find a ready sale. The salesmen in the flower market report that they are able to clean up all that are sent in from day to day. A great many flowering plants are being offered for sale in the market, and the demand for them is very good. Violets are getting more plentiful, and it will be but a very short time when, with longer days and more sun, all kinds of flowers will be more plentiful. Wall flowers are being raised more than formerly, and meet with a good demand.

**NOTES.**

The lecture in Horticultural Hall on Saturday, February 4 was given by Isaac S. Hendrickson, of Floral Park, New York, on summer flowering bulbs; before a fairly good audience, and the lectures this winter are attended by nearly twice as many people as formerly, owing to the change of them from morning to afternoon.

James Murray, assistant salesman for Pierce Brothers, of Waltham, buried his mother the past week, and the salesmen at the Boston Flower

## Vaughan's Ferns are Unexcelled

We are headquarters and have the finest stock in the West.

### BOSTON FERNS

| Pots      | Each   | Doz.   | 100    |
|-----------|--------|--------|--------|
| 2 1/2 in. | \$0.10 | \$0.75 | \$5.00 |
| 3 in.     | .15    | 1.25   | 8.00   |
| 4 in.     | .25    | 2.50   | 20.00  |
| 5 in.     | .40    | 4.50   | 35.00  |
| 6 in.     | .75    | 8.00   | 60.00  |
| 7 in.     | 1.00   | 10.00  | 75.00  |
| 8 in.     | 1.25   | 14.00  | 100.00 |
| 10 in.    | 2.50   | 33.00  | each   |

### HARRIS BOSTON

| Pots   | Each   | Doz.   | 100     |
|--------|--------|--------|---------|
| 4 in.  | \$0.40 | \$4.00 | \$35.00 |
| 5 in.  | .75    | 8.00   | .....   |
| 7 in.  | 1.25   | 12.00  | .....   |
| 8 in.  | 2.00   | 22.00  | .....   |
| 10 in. | 3.00   | .....  | .....   |

### WHITMANI

| Pots      | Each   | Doz.   | 100    |
|-----------|--------|--------|--------|
| 2 1/2 in. | \$0.10 | \$0.75 | \$5.00 |
| 3 in.     | .15    | 1.25   | 6.00   |
| 4 in.     | .20    | 2.00   | 10.00  |
| 5 in.     | .25    | 2.50   | 20.00  |
| 6 in.     | .50    | 5.00   | .....  |
| 7 in.     | .75    | 8.00   | .....  |
| 8 in.     | 1.00   | 10.00  | .....  |
| 10 in.    | 3.00   | .....  | .....  |

### ASPARAGUS SPRENGERI

|           | Doz.   | 100    | 1000    |
|-----------|--------|--------|---------|
| 2 1/2 in. | \$0.50 | \$3.00 | \$25.00 |
| 3 in.     | .75    | 5.00   | .....   |
| 4 in.     | 1.50   | 10.00  | .....   |

### ASPARAGUS PLUMOSUS NANUS

|                       | Doz.   | 100     | 1000     |
|-----------------------|--------|---------|----------|
| Seedlings from flats. | \$1.50 | \$14.00 | \$140.00 |
| 2 in.                 | .50    | 3.00    | 25.00    |
| 2 1/2 in.             | .75    | 4.50    | 40.00    |
| 3 in.                 | 1.00   | 7.00    | 65.00    |
| 4 in.                 | 1.50   | 12.00   | 100.00   |

### Small Ferns for Dishes

Our selection of varieties,.....Per 100, \$3.00 Per 1000, \$25.00

Prices are f. o. b. Western Springs, Ill.

## Vaughan's Seed Store, Greenhouses, Trial Grounds and Nurseries, Western Springs, Illinois.

## BURNETT BROS.

Importers and Growers of

**Seeds, Bulbs, Plants  
and Horticultural Sundries.**

Telephone 2223 Cortlandt.  
72 Cortlandt Street, **NEW YORK**

Write for our 1911 Spring Catalogue.

## SEEDS

Can sell surplus stock and locate supplies through our confidential Reporting Letter to the trade; also gives valuable market and seed crop reports which every seedsmen needs.

Write for particulars.

**SEED TRADE BUREAU,**  
713 Postal Telegraph Bldg. **CHICAGO, ILL.**

## Geo. A. Kuhl,

**WHOLESALE AND RETAIL  
FLORIST,**

**PEKIN, : ILL.**

Exchange sent a suitable floral offering to the funeral.

Mann Bros., of Randolph, are sending into the market Narcissus Poeticus. They are the first to have them on sale this season. H. C. W.

WARREN, O.—Thomas Fletcher has completed two houses, 25 1/2 x 91 feet, with an office building 16 x 18 feet. A retail store at 117 East Market street was opened February 4, and the store was crowded all the day and evening. Every visitor was presented with a carnation.

## Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

Mention the American Florist when writing.



**H. WREDE,**  
LUNEBURG, GERMANY  
**PANSY SEED**

175 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed, . . . 25c  
1 oz. . . . . \$2.25

Price list on application. Cash with order  
Mention the American Florist when writing

**Cannas** David Harum, Egandale, Chas  
Henderson, Duke of Marlbor  
ough, King Humbert. True to name. Write for  
prices.

**Dracena Indivisa**, 3 in. . . . . \$5.00 per 100  
Extra strong Boston and Whitmani Ferns, 4 in.  
\$2.00 per dozen.

**W. W. COLES, Kokomo, Ind.**

Mention the American Florist when writing

## FUCHSIAS

Little Beauty, Lord Byron, Tenner / Strong 2 1/2 in  
White Beauty, E. Reman. \$4.00 per 100.

**Skidelsky & Irwin Co.**

1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

Please mention the American Florist when writing

# Dreer's Seasonable Bulbs

The Begonias and Gloxinias we handle are produced for us by a specialist of many years' experience. You can buy cheaper, but not better stock.

## TUBEROUS BEGONIAS

Single in Separate Colors. Scarlet, Crimson, Rose, White, Yellow and Orange, 40c per doz.: \$2.50 per 100; \$22.50 per 1000.  
 Single in Choicest Mixture. 35c per doz.: \$2.25 per 100; \$20.00 per 1000.  
 Doubles in Separate Colors. Scarlet, Rose, White and Yellow, 60c per doz.: \$4.50 per 100; \$40.00 per 1000.  
 Doubles in Choicest Mixture, 50c per doz.: \$4.00 per 100; \$35.00 per 1000.  
 Frilled in Separate Colors. Scarlet, White, Pink and Yellow. These have wavy and frilled petals like some of the newer Petunias. \$1.00 per doz.: \$7.00 per 100; \$60.00 per 1000.  
 Duke Zeppelin. Rich scarlet 85c per doz.: \$6.00 per 100.  
 Frau Helene Harms. New yellow, \$2.00 per doz.  
 Lafayette. Crimson-scarlet, \$1.50 per doz.: \$10.00 per 100.

## GLOXINIAS

Choicest Mixture, or in Separate Colors, as Blue, Red, White, Red with white edge, and Blue with white edge, 60c per doz.: \$3.50 per 100; \$30.00 per 1000.  
 New Emperor (Gloxinia Hybrida Imperialis). A new type, a cross between Sinningia Regina and the best types of Hybrid Gloxinias. This not only covers a full range of colors as in the ordinary type of Gloxinia, but the foliage also is very ornamental, the leaves being of a rich bronzy red color, with strong projecting white veins. The flowers all stand erect, thus showing to best advantage. We offer in choice mixture, \$1.25 per doz.: \$8.00 per 100.

## FANCY LEAVED CALADIUMS

We have the largest stock in the world. Over 400 varieties, including not only all the good standard sorts but many new varieties never offered in quantity before.  
 This is one of the most valuable plants for decoration of the florists' store window during the summer months and during recent years we have sold many thousands for this purpose. We especially recommend the choice rare and new varieties at \$15.00 per 100 for this purpose.

We offer special selections according to variety as follows:  
 Choice Standard Varieties. The finest collection ever offered at the price, \$1.75 per doz.: \$12.00 per 100; \$100.00 per 1000.  
 Choice Rare and New Varieties. A splendid assortment, especially valuable for the retail florist, \$2.25 per doz.: \$15.00 per 100; \$140.00 per 1000.  
 Rare New Varieties. The most recent introductions, \$3.50 per doz.: \$25.00 per 100.  
 Choice Mixture, \$1.50 per doz.: \$10.00 per 100; \$80.00 per 1000.

Dreer's Select Gloxinia.

Gladiolus, Tuberoses, Ismene, Montbretias, Tigridias and other Summer Flowering Bulbs are offered in our **QUARTERLY WHOLESALE LIST**, and also a full list of Seasonable Plants, Seeds, etc. Write for it if you have not already received a copy. THE ABOVE PRICES FOR THE TRADE ONLY.

**HENRY A. DREER, Inc.,** 714 Chestnut Street, Philadelphia, Pa.

## GLADIOLUS

Cinnamon Vines, Madeira Vines, Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.  
 Write for price list

**E. S. MILLER,** Wading River, N. Y.

Syracuse, N. Y.

James M. Gilbert and S. T. Betts will probably be two of five vice-presidents to be elected by the newly organized Syracuse Rose Society. Henry L. Youell, George E. Thorpe and W. J. Menelly, the committee on organization, have prepared a constitution and by-laws and efforts will be directed toward affiliating with the American Rose Society. For the rose show, which will probably be held at the State Armory in June next, the society will have as its guests prominent authorities on rose culture from Cornell University, who will read papers, showing the best varieties to be raised in this climate. Sweet pea and chrysanthemum shows will be held later in the season, the receipts of which will be devoted to charity. All the Syracuse growers and florists are deeply interested. "Some of the best society people in Syracuse are interested," said Mr. Youell, "and I believe we shall have a society worthy of our city."

A chapter of the Home Planters' Association, Inc. of Rochester, has been formed for Syracuse and vicinity, with H. Youell, of No. 53S Cedar street, as secretary. There are no fees or dues and the membership is open to all those who are interested in civic improvement and the beautification of home surroundings.

Frank Freeman, employed at the retail store of Charles Morris, in East

## Vaughan's Choice Cannas

If you want the best to be had in Cannas, Buy of Vaughan's Seed Store.

We have a choice stock of the cream of the Cannas being offered in the market today. Our stock is home-grown and conscientiously true until it is in every way superior. You can make no mistake by buying here, and let us impress you with the advisability of buying early.

Write today for prices on dry roots.

**Vaughan's Seed Store,** CHICAGO, NEW YORK.

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4-oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

Genesee street, joined the ranks of the benedictins, January 20, at St. Catharines, Canada, being secretly married to Miss Charlotte Myer, of this city, and news of the wedding has just leaked out. The groom is a roller skater of reputation, and he entered in a race in Buffalo the day before

he was married. He won the race and then jumped over to Canada and won a bride. A. V. B.

WORCESTER, MASS.—Walter L. Stowe is erecting a third greenhouse, 25x100 feet, on his property in the Merriam district.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice President;  
S. W. Severance, 508 Illinois Life Building, Louisville Ky., Secretary; M. L. Rutenik, Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

"THE Late blight of celery" is the title of Bulletin No. 208 issued by the Agricultural Experiment Station of California, which describes the growth and culture of celery and a description of this and other fungous diseases as well as insect enemies and experiments toward controlling and eradicating them.

### Prices of Indoor Fruits and Vegetables.

New York, February 4.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each; lettuce, \$1.50 per dozen heads; tomatoes, 30 cents per pound; radishes, 85 cents per dozen bunches; asparagus, \$7 per dozen bunches; rhubarb, 75 cents per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 35 cents to 35 cents per quart.

Chicago, February 6.—Mushrooms, 15 cents per pound; cucumbers, \$1.75 to \$2.00 per box, small; lettuce, 33½ cents to 35 cents per pound; radishes, 15 cents to 50 cents per dozen bunches; rhubarb, 35 cents to 50 cents per dozen bunches.

### Notes on Hotbeds.

At this time of the year hotbeds require consideration. While there are many people who claim hotbeds will soon be a thing of the past, we do not think so. The fact remains, that certain plants can be done better in hotbeds than anywhere else. Last season, owing to the enormous snow fall in February, we decided to produce our plants in the greenhouse. With a normal spring we might have done better; as it was, the big snow was followed by summer weather with the day temperature so high that good plants could not be produced in the greenhouse. We make a specialty of early head lettuce, producing the plants under glass, and in the many years' experience we believe we had the poorest lot of plants last year, started in the greenhouse. A greenhouse is all right to produce plants that will be again reset under glass, but to go outdoors with them early, to meet the reverses of our springs, a greenhouse is not the place. So our hotbeds are again under way. We will not enter into details, but the main points may be interesting to some.

Our hotbed site is on poorly drained ground, hence we work above ground entirely, as water will put out the heat in a hurry. We combine a plan of composting manure and hotbeds, that is, the hotbed frames are simply set on an immense bed of hot manure, to which we add constantly for more beds, until the entire yard is filled. Just as soon as the plants are moved to the field, the manure spreader is used to run the compost out on the fields and the site is plowed up and planted to some greedy crop, as celery, cauliflower or egg plant. Our object is two-fold, first we need the heat for

the hotbeds, and second, during the hotbed months it is generally difficult to draw manure into the fields owing to the danger of puddling the ground. Therefore we keep our teams busy hauling manure for the frames as explained.

We never have manure unloaded directly where wanted, as this produces an uneven job. The manure is piled a sufficient distance from the place where wanted, so that one turning over will place it. Being preheated it shakes out better, compacts better and will settle less. The heat is more moderate and durable than if allowed to last and burn up. The main points in preparing a bed is to thoroughly shake out each forkful, never placing a heap anywhere, to mix the coarse and the fine material, to mix the hot and the colder parts, in a word to spare no pains to have the body uniform, so as to produce a uniform heat from end to end and to have the mass even in texture to insure even settling.

MARKETMAN.

### Detroit.

#### STOCK IN GLUT.

Trade conditions are rapidly taking on a springlike aspect. The early part of last week found roses still scarce but daily the receipts of all other flowers increased until Saturday, when the wholesale house presented a decidedly lively appearance, with the tables heavily laden with thousands of carnations, tulips, hyacinths, freesias, lilies, narcissi, violets and even quantities of lilac added to the glut that brought joy to none but regrets to all concerned, for as yet the fair weather street fakirs have not commenced operations. Prices have dropped accordingly, particularly on the poorer grades, and only first-class stock could command a price that would be at all acceptable to the growers. Much of the poorer stock of carnations as well as many lots of bulbous stock could not be sold at any price.

#### THE CLUB MEETING.

A blizzard of unusual severity visited the city February 6, but it did not deter the club members from attending the regular meeting that evening. The chief feature was the reading of an essay on "Retail Store Management," by Irwin Bertermann, Indianapolis, Ind. The author was unable to present his address in person and that was much regretted, but his paper was received with unusual interest and was greatly appreciated. A resolution was adopted highly commendatory of the address and a committee appointed to convey to Mr. Bertermann the Club's action. At the next meeting, February 20, S. S. Skidelsky will address the members on a subject of his own selection. This, too, will be most interesting and a full attendance is expected. W. E. Cook, New York, who was present, promised to address the club at some future date.

The committee appointed at the last meeting to confer with the trade paper

correspondents with a view to getting more reliable reports affecting the local market made its report. This was followed by a spirited discussion in which one correspondent was highly censured for alleged inaccuracies in his reports covering a considerable period of time. It developed that the members were very appreciative of the high value of these reports when based upon reliable data not flavored with partiality to some and not burdened with unmerited prejudice towards others. After a full review of the matter in all its phases and many suggestions offered, a definite understanding was arrived at as to the proper course to pursue in the future.

M. Bloy exhibited a vase of well grown *Freesia Purity*—pure white flowers on long stems—and they were highly commended. J. F. S.



Watch for Our Trade Mark stamped on every brick of Lambert's

### Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address:

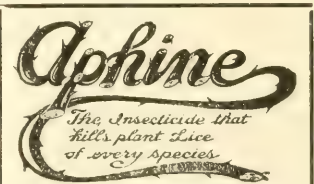
Trade Mark American Spawn Co., St. Paul, Minn.



ENGLISH. Best quality, arriving constantly.  
Spawn is from 125 lbs. .... \$2.00  
selected specimens 100 lbs. .... 6.50  
AMERICAN. Our monthly shipments from the manufacturer include all the varieties.  
Garden City 125 bricks ..... \$ 3.50  
Pure Culture 100 bricks ..... 12.00

VAUGHAN'S SEED STORE,  
CHICAGO: 84-86 Randolph St. NEW YORK: 25 Barclay St

Mention the American Florist when writing



You may depend on it or positive results, without fear of failure or dissatisfaction.  
\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

MANUFACTURED BY

Aphine Manufacturing Co., Madison, N. J.

## Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 136 page, 25th anniversary, catalogue contains true description and no overdrawn illustrations. Our prices are right quality considered. Market Gardeners are requested to write for our Market Gardeners' Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE,

Box 700  
Established 1886

Beatrice, Neb.

## A Grand New Carnation

## Bright Spot

Outclasses everything heretofore grown in the dark pink class.

Won first honors in the 100 class for the best dark pink at the A. C. S. meeting, Pittsburgh, January 1910, also at the Chicago Flower show, November, 1909.

It is a pure bright dark pink of even shade, size  $3\frac{1}{2}$  inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price per 100, - \$ 12.00 Price per 5000, - \$400.00

" " 1000, 100.00 25 at 100, 250 at 1000 rates

Place your order now to be in on early deliveries.

NIC. ZWEIFEL,

North Milwaukee,  
Wisconsin.

## CARNATIONS

## Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

|                                  | Per 100 | 1000     |
|----------------------------------|---------|----------|
| White Wonder. Our new white..... | \$12 00 | \$100 00 |
| Gloriosa. Our new pink.....      | 12 00   | 100 00   |
| Pink Delight.....                | 6 00    | 50 00    |
| Scarlet Glow.....                | 6 00    | 50 00    |
| Shasta.....                      | 6 00    | 50 00    |
| Sangamo.....                     | 6 00    | 50 00    |
| Dorothy Gordon.....              | 6 00    | 50 00    |
| J. W. Riley.....                 | 6 00    | 50 00    |
| Admiration.....                  | 6 00    | 50 00    |
| White Perfection.....            | 3 00    | 25 00    |
| Winona.....                      | 3 00    | 25 00    |
| Enchantress.....                 | 3 00    | 25 00    |
| Rose Pink Enchantress.....       | 3 00    | 25 00    |
| Beacon.....                      | 3 00    | 25 00    |

F. DORNER & SONS CO.,

LaFayette, Ind.

Mention the American Florist when writing

## Ferns for Dishes

|                                     | Per 100 | Per 1000 |
|-------------------------------------|---------|----------|
| 2½-in. ....                         | \$3.50  | \$30.00  |
| 500 at 1000 rates. Cash with order. |         |          |

FRANK OECHSLIN,

4911 Quincy St., CHICAGO

Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

## WHITMAN FERNS

2½-in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

## Verbenas,

70c per 100;  
\$6.00 per 1000.

Coleus, 70c per 100, \$6.00 per 1000; Ageratum, 60c per 100, \$5.00 per 1000; Daisies, \$1.00 per 100; \$8.00 per 1000; Heliotrope, \$1.00 per 100, \$8.00 per 1000; Alyssum, 80c per 100.

Everything named. Express paid. Cash with orders.

S. D. BRANT, Clay Center, Kans.

Mention the American Florist when writing

## Don't Forget, in the Rush

That You'll Need Stock Later on.

For example, there's your

## Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth, evenly graded, disbudbed, well-rooted stocks, especially selected for florists' grafting.

## Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1,700 to the case).

Perfection, \$12.00 the thousand (2,000 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3,000 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

## JACKSON &amp; PERKINS CO.

Wholesale Florists and Nurserymen,

NEWARK (Near Rochester), NEW YORK

Mention the American Florist when writing

## Seasonable Stock

Kentia Belmoreana, 2½-in. pot plants \$8 00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15-in. high, \$35.00 per 100; 5-in. pot plants, 15-18 in. high \$60.00 per 100

Nephrolepis Scholzei, 2½-in. \$5.00 per 100; 5-in. strong, \$6.00 per dor; \$40.00 per 100.

Asparagus Sprengeri, Strong 5-in. pot plants, 15c.

Rhododendrons, Fancy forcing varieties, 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

Dracaena Indivisa, 2½-in. pot stock for growing on at \$3.00 per 100.

Spiraea, large forcing clumps. Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba, \$6.00 per 100; Blondin, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

Heliotrope, Purple, in five good varieties, \$3.00 per 100; \$25.00 per 1000.

Boxwood, Bush shape for window boxes or pot sale, very bright foliage and bushy, 10 to 12-in. high \$20.00 per 100; 12 to 15-in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

Dahlias, Fine collection of field grown clumps. (Special circular on application.)

THE STORRS & HARRISON CO.,

Painesville, O.



## The Nursery Trade

American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Sheandoah, Ia., Vice Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

VISITED CHICAGO: C. B. Knickman,  
representing McHutchison & Co., New  
York.

BALTIMORE, MD.—The city is ad-  
vertising for proposals for linden trees for  
the public parks.

Vaughan's Nurseries, Western  
Springs, Ill., acquired the 80 acres ad-  
joining their property which they had  
leased during the past year, the in-  
creased demand for nursery stock ren-  
dering this course necessary. This  
addition gives the firm a total of 120  
acres, strictly for nursery purposes and  
will be devoted to popular trees, shrubs  
and hardy herbaceous perennials.

### Westlake Park, Los Angeles

Having practically completed the  
improvement of Central Park, the park  
commission of Los Angeles, Calif.,  
will next turn its attention to West-  
lake park. This park is in the heart  
of the most aristocratic section of the  
city, is one of the show places of  
Southern California, but it has been  
badly neglected for several years and  
is beginning to show the effects.

The board will probably tear the  
park to pieces, as it did Central Park,  
and make it over. Many of the old,  
unhealthy trees will be condemned and  
removed and most of the top soil will  
be replaced with fresh new earth. New  
lawns will be made, and new trees and  
shrubs will be planted. Many other  
improvements are contemplated.

Commissioner Silent, who advocated  
this heroic but effective treatment, told  
the board today that it will be fool-  
ish to attempt to do anything with the  
park unless the board feels that it  
can spend at least \$40,000 on the  
work—Los Angeles Express.

### Baltimore.

#### UNFAVORABLE WEATHER.

Up to within a day or two the  
weather has continued unfavorable for  
good quality and satisfactory quantity  
of cut flowers, being dark, som-  
ber and foggy, the nights cool, if not  
extremely cold, and the days so over-  
cast as to require pretty steady firing.  
Roses are neither abundant nor su-  
perior; carnations, while more boun-  
tiful in supply do not reach high stand-  
ards of perfection; gardenias are short,  
and violets alone are more plentiful  
than needed. It would be hard to  
fill a good big order for A No. 1 roses,  
and reds are especially scarce. The  
general condition of trade would be at  
about the normal mark of the season,  
if there was enough really good ma-  
terial for requirements. There have  
been an unusually large number of  
debutantes this year, with the accom-  
panying expenditure for floral decora-  
tions. The opera has added to the  
activity. There have also been a  
number of funerals, which made  
heavy calls for good flowers. One  
seen on the streets a few days ago,  
the participants in which were evidently  
citizens of foreign descent, had a suf-  
ficiency of designs, wreaths, etc., to  
demand the employment of three  
flower-wagons to transport them.

#### NOTES.

A movement is assuming shape here  
looking to the improvement of our

# Roses! Roses! Roses!

## For Spring Planting or Potting

Being all of superb growth, very strong, delivered on their own  
roots or grafted on Polyantha (Multiflora) stock, 2 or 3 years old.

### Climbers

Such as Aglaia, Blush Rambler, Claire  
Jaquier, Crimson Rambler, Frau Helen Vi-  
den, Non Plus Ultra, Northern Light, Stella,  
Tausendschon, Tea Rambler, Thalia, The  
Wallflower, Waltham Bride, Bordeaux, Gold-  
finch, Buttercup, Flower of Fairfield, Lyon  
Rambler, Starlight, Veilchenblau, American  
Pillar, Graf Zeppelin, etc., etc.

### Wichuraiana Hybrids

Such as Alba Rubro a Alberic Barbier,  
Anna Rubsamen, Auguste Barbier, Debu-  
tante, Dorothy Perkins, Elisa Kobichon,  
Francois Juranville, Francois Poisson, Frau  
Marie Weinbach, Gardenia, Hiawatha Joseph  
Lamy, Lady Gay, May Queen, Minnehaha.

For all the varieties mentioned above, and others, please apply for  
Wholesale Price List and particulars.

Pink Roamer, Ruby Queen, South Orange  
Perfection, Tricolor, Valentine, Beauhau,  
Wedding Bells, Paradise, Lady Godiva, Co-  
quina, Delight, Diabolo, La Fiamma, Miss  
Heiwey, Newport Fairy, White Dorothy Per-  
kins, Cinderella, Desire, Bergera, Dorothy  
Denison, Eisenach, Excelsa, Fri, Octavia  
Hesse, Grota Fey, Jessica, Joseph Liger, etc.,  
etc.

### Dwarf Perpetual Polyanthas

Such as Cecile Brunner, Clotilde Soupert,  
Glorie des Polyanthas, Katharine Zeimet,  
Leonie Lamesch, Mme. Norbert Lavassieur,  
Marie Pavie, Mrs. W. Cutbush, Mosella Perle  
d'Or, Perle des Rouges, Schneewitchen,  
White Pet, Nana Lavassieur, Phyllis,  
Princess Ena, Cyclops, Gustel Mayer, Jessie,  
Orleans Rose, White Cecile Brunner, etc., etc.

## Jules Gouchault & Turbat Nurseries

E. Turbat & Co. Successors.

ORLEANS, FRANCE

# Giant Himalaya Berry

Hardy as a oak tree; canes grow 30 to 50 feet in one season;  
cropped in Michigan last season at rate of 1042 crates to the acre;  
wood never dies; crops from old wood as well as new every year;  
Blooms end of June; fruit ripe in August and September; fine for  
table dessert, pies, jam and jellies. Drop a card for our New Berry  
Book; it's free. Over 100,000 plants sold since Jan. 1, 1911.

## Berrydale Experiment Gardens, Florist Avenue, HOLLAND, MICH.



## Arbor Vitæ

(Thuya Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to  
5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

## Jacs Smits & Co., NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding  
Hearts, Blue Spruce, Boxwood, Clematis, Cliv-  
ing Plants, Conifers, Evergreens, Funkias in  
sorts, Hydrangea P. G., Japan Maples, Peonies,  
Pot-grown Plants, (Lilacs a specialty), Rhodo-  
dendrons, Roses, Spiræas, Valleys.

Price List Free on Demand.

## Yellow Roses Wanted

Peries and others, standard sorts own roots,  
not more than two years old. State quality, age  
and price. Address

Key 386, care American Florist.

streets by the planting of shade trees,  
abundantly and systematically. One of  
our Neighborhood Improvement Associa-  
tions has taken up the subject and  
appointed a committee to promote pub-  
lic interest therein and to suggest prac-  
tical methods for securing of this, as  
they conceive it, a melioration of the

## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants, from 12  
inches to 4 feet will satisfy all in grade and price.  
Special low prices in car lots for Fall delivery; let  
me know your wants before purchasing.

Also a fine stock of AMPLOPSIS Veitchii,  
2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up;  
1000 in 10 distinct kinds, either show, decorative  
or Cactus our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100.  
\$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES.

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

appearance of our streets. T. C. Ken-  
nedy, a well-known architect; Roland  
Bolgiano, of the seed and implement  
trade, and Frederick G. Burger, the  
florist, are in charge of the propaganda.  
S. B.

## Geraniums

S. A. Nutt.....\$11.50 per 1000.  
Ricard..... 14.00 per 1000.  
Politevine..... 14.00 per 1000.

All sold until the latter part of February

## Coleus

Verschaellfelt .....\$6.00 per 1000  
Golden Bedder ..... 6.00 per 1000  
Standards in assortment 5.00 per 1000  
Giant Leaved, extra fine 10.00 per 1000

## Lime

Hydrated and pulverized and bagged, will keep indefinitely in a dry place. Send for circular, or better yet try a half ton, it will be the best investment you ever made. Price, \$4.50 cash with order for one half ton.

**ALBERT M. HERR**  
LANCASTER, PA.

Mention the American Florist when writing

## Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University. Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes. 250-page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalog for fall issued Sept. 1st.

### Indianapolis.

#### BUSINESS QUIET.

Roses have been very scarce as the weather has been dark. Carnations seem to be the only flowers that are plentiful. There is quite a demand for spring flowers, such as sweet peas, Roman hyacinths, narcissi, mignonette, tulips, jonquils and lilacs.

#### NOTES.

The wife of Alfred Pahud died a few days ago. She underwent an operation which caused her death. Mr. Pahud has the sympathy of many friends in the trade.

A. Wiegand & Sons had a large decoration in Anderson, Ind., last week, at the Anderson Club.

The Bertermann Bros. Co. has bought a new automobile for light delivering. Smith & Young Co. have a fine lot of smilax which is ready to cut.

Hans Kipke is spending a few days in Chicago with friends.

Wm. Roepke, of Roepke & Rieman Co., was married last week.

Visitors: Fred Lempke, Chicago; M. Heller, New Castle, Ind.; Geo. Baldwin and G. L. Freeman, New York.

C. R. L.

ELKHART, IND.—Mrs. E. M. Bullock, who has been seriously ill since Christmas, is improving.

## Vaughan's Roses

In our cellars is as fine a collection of DORMANT ROSES as we ever have had the pleasure of handling. You cannot lay in your stock too soon for spring sales. Do not delay until the spring rush is on and then want orders filled hurriedly. Order today.

Prices, unless noted, on 2-year dormant stock, 1 o. b. Western Springs. Packing charged at cost.

### Ramblers and Climbers

|                                            | Each   | Doz.    | 100     |
|--------------------------------------------|--------|---------|---------|
| American Pillar.....                       | \$0 35 |         |         |
| Baby Rambler, 2 year.....                  | 20     | \$ 2.00 | \$14 00 |
| 3 year.....                                | 20     | 3 00    | 16 00   |
| Standard.....                              | 100    | 10 00   |         |
| Baltimore Belle.....                       | 15     | 1 50    | 12 00   |
| Crimson Baby Rambler (Miss G. Mesman)..... | 75     | 8 00    |         |
| Crimson Rambler, 2 year.....               | 20     | 2 00    | 15 00   |
| 3 year.....                                | 30     | 3 00    | 18 00   |
| Standard.....                              | 75     | 8 00    |         |
| Delight.....                               | 1 00   | 10 00   |         |
| Dorothy Perkins, 2 year.....               | 20     | 2 00    | 15 00   |
| Standard.....                              | 75     | 8 00    |         |
| Hiawatha.....                              | 35     | 3 50    | 20 00   |
| Jessie, Improved Baby Rambler, red.....    | 50     | 5 50    | 40 00   |
| Lady Gay, 2 yr.....                        | 30     | 3 00    | 20 00   |
| Standard.....                              | 75     | 8 00    |         |
| Mrs. Cutbush.....                          | 25     | 2 50    | 16 00   |
| Newport Fairy.....                         | 35     | 3 50    |         |
| Philadelphia Rambler.....                  | 20     | 2 00    | 15 00   |
| Phyllis, Improved Baby Rambler, pink.....  | 20     | 2 00    | 22 00   |
| 3 year.....                                | 35     | 3 50    | 25 00   |
| Tausendschon.....                          | 30     | 3 00    | 20 00   |
| Veilchenblau, violet blue.....             | 35     | 3 50    |         |
| Warburg.....                               | 35     | 3 50    |         |
| White Dorothy Perkins, 2 yr.....           | 25     | 2 50    | 20 00   |

PRICE: Alfred Colomb, H. P. General Jack, H. P. Perle des Blancs, Bourbon  
Baron de Bonstetten, H. P. John Hopper, H. P. Perle Yellow, Austrian  
Baroness Rothschild, H. P. Magna Charta, H. P. Briar.  
Capt. Christy, H. T. Marie Bauman, H. P. Pr. C. de Rohan, H. P.  
Coquette des Altes, H. P. M. P. Wilder, P. Ulrich Brunner, H. P.  
Fisher Holmes, H. P. Mrs. John Laing, H. P.

PRICE: American Beauty, H. P. Gruss an Teplitz, H. T. Mrs. R. G. S. Crawford, H. P.  
Caroline Testout, H. T. Hermosa. Paul Neyron, H. P.  
Duke of Tech. La France, H. T. Rugosa Alba and Rubra.  
Frau Karl Druschki, H. P. Margaret Dickson, H. P. Wichuraiana, 5 varieties.  
Gen. Washington, H. P. Moss Roses, red, pink and white.  
Giant of Battles, H. P.

PRICE, except noted: A. E. Carmichael, Rugosa, \$16.00. Lady Ashton, H. T.  
Conrad F. Meyer, Rugosa, \$16.00. Lyon, each 50c. doz., \$5.50.  
Etoile de France, H. T. Mme. Abel Chateau, H. T.  
Farben Konigen, H. T. Mme. G. Brunt, Rugosa, \$16.00.  
Hush Dickson, H. P. Mme. Jules Grolier, H. T.  
J. B. Clark, H. T. Natalie Boettner, H. T., each 50c.  
K. A. Victoria, H. T., \$18.00. Soleil d'Or, Austrian Briar.  
Killarney, H. T.

and many other varieties, on which we shall be pleased to quote.

## Vaughan's Seed Store

CHICAGO

NEW YORK

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

## QUALITY PLANTS

|                                                                              | Per 100          |
|------------------------------------------------------------------------------|------------------|
| 2½-inch Boston, Whitman and Scott.....                                       | \$ 3.50          |
| 3-inch.....                                                                  | 5.00             |
| 4-inch Boston and Scott.....                                                 | 15.00            |
| 4-inch Whitman.....                                                          | 12.50            |
| 5-inch Boston and Whitman.....                                               | 20.00            |
| Asparagus Plumosus, 2-inch.....                                              | 5.00             |
| 3-inch.....                                                                  | 5.00             |
| 4-inch.....                                                                  | 10.00            |
| Asparagus Sprenger, 4-inch.....                                              | 7.00             |
| Vince Variegata, out of 2-inch pots.....                                     | Per 100 Per 1000 |
| (These are divisions from field-grown stocks and will make fine plants)..... | \$2.00 \$18.00   |
| Shasta Daisy Alaska, 2-inch.....                                             | 2.00             |
| Salvia Splendens, 2-inch.....                                                | 1.50 12.50       |
| Coleus, Golden Bedder, Verschaffelti and others.....                         | 1.50 12.50       |
| Cash, please.....                                                            |                  |

### THE REESER PLANT COMPANY

Successor to Reeser & Youngstrand, Springfield, Ohio

—For the Best New and Standard—

## DAHLIAS

—address—

**PEACOCK DAHLIA FARMS,**

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

## CARNATION—Rooted Cuttings

On Liberal Terms.

| Name               | Color           | CO     | 1000    |
|--------------------|-----------------|--------|---------|
| Dorothy Gordon,    | Deep pink.....  | \$5 00 |         |
| Sara Nicholson,    | Dark red.....   | 4 00   | \$35 00 |
| Beacon,            | Red.....        | 3 00   | 25 00   |
| Victory,           | Red.....        | 3 00   | 25 00   |
| Winona,            | Deep pink.....  | 3 00   | 25 00   |
| Rose Enchantress,  | Deep pink.....  | 3 00   | 25 00   |
| Winsor,            | Deep pink.....  | 3 00   | 25 00   |
| Enchantress,       | Light pink..... | 3 00   | 25 00   |
| May Day,           | Light pink..... | 3 00   | 25 00   |
| White Perfection,  | White.....      | 3 00   | 25 00   |
| White Enchantress, | White.....      | 3 00   | 25 00   |
| Lady Beautiful,    | White.....      | 3 00   | 25 00   |
| Bon Ami,           | White.....      | 3 00   | 25 00   |

Sara Nicholson produced more good blooms than any Dark Red Carnation we have ever seen.

Wanted—Customers for regular shipments of first-class Carnation blooms, Lilies, Lily of the Valley, and various kinds of flowering plants. We supply retail trade at wholesale prices and save you the commission man's profit.

We will extend liberal credit to parties of good standing.

Send us your orders early.

**SHEPARD'S GARDEN CARNATION CO.**

292 Fairmount St., LOWELL, MASS.

Mention the American Florist when writing



# Roses for 1911

## Dark Pink Killarney.

A sport of Killarney, similar in habit, but more highly colored than Killarney at its best. When Killarney is pale, Dark Pink Killarney is bright and cheerful.

Grafted plants only from 24-inch pots.  
\$20.00 per 100; \$180.00 per 1000.

## Lady Cromwell.

A shell pink sport of My Maryland that for pleasing color is unsurpassed. A wonderful producer and a color that sells.

Grafted plants only from 24-inch pots.  
\$30.00 per 100; \$250.00 per 1000.

## Radiance.

Strong in growth and making plenty of stem.

Corse grafted plants, \$18.00 per 100; \$150.00 per 1000  
Own root, 10.00 per 100; 90.00 per 1000

## Double Pink Killarney.

Originating with Robert Scott & Sons, who supply us the wood for grafting. Stronger in growth than Killarney, and with at least ten more petals. A wonderful improvement.

Grafted stock only.  
\$30.00 per 100; \$250.00 per 1000.

## Mrs. Aaron Ward.

By far the most pleasing of the yellow roses now on the market. A general favorite, and one which will be widely grown, for yellow roses are in demand.

Grafted plants, \$25.00 per 100; \$200.00 per 1000  
Own root, 12.00 per 100; 100.00 per 1000

## Melody.

We have reserved for our orders own root plants of this choice novelty. No grafted plants.

\$30.00 per 100; \$250.00 per 1000.

## Prince of Bulgaria

The best prices for cut flowers should be the standard for judging roses, and this rose has been the money getter. Strong and vigorous in growth, and with its beautiful light pink bloom it has sold on sight. One of the best roses grown.

Grafted plants, \$20.00 per 100; \$180.00 per 1000  
Own root, 15.00 per 100; 120.00 per 1000

## Killarney, White Killarney, Richmond, My Maryland, Kaiserin Augusta Victoria.

These are the old standards, and we are head-quarters for young stock.

Grafted plants, \$15.00 per 100; \$120.00 per 1000  
Own root, 2 1/2 in., 6.00 per 100; 50.00 per 1000

**A. N. PIERSON, Inc., Cromwell, Conn.**

## Primroses

|                                   |         |
|-----------------------------------|---------|
|                                   | Per 100 |
| Obs. Alba and Rosea.....          | \$1 50  |
| Obs. Gigantea.....                | 2 00    |
| Asp. Sprengeri.....               | 2 00    |
| Alternantheras, yellow, R. C..... | 60      |

—Cash—

JOS. H. CUNNINGHAM, Delaware, O.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.

## ROSES

50 Sorts in Leading Varieties. Teas, Hybrid Teas and Hybrid Perpetuals. Nice, thrifty Zinc stock, or large 2-year-old plants. Write for list.

Let us know your wants.

Wagner Park Conservatories, Sidney, O.

## ORCHIDS

We are one of the largest collectors and importers of Orchids,  
Investigate us.

CARILLO & BALDWIN, Mamaroneck, N. Y.

## ORCHIDS...

Largest Importers, Exporters, Growers,  
and Hybridists in the World.

SANDER, St. Albans, Eng.  
NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.

## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

Lager & Hurrell, Summit, N. J.

## ROOM! ROOM! ROOM!

We Want to Spread Out Our Extensive Easter Stock

Therefore we sell—just look!—a fine selection of Decorative Plants, such as Araucarias, Ferns, etc., at bargain prices. Such stock is always in demand.

## Araucarias

### OUR SPECIALTY.

We are the largest importers of these lovely decorative plants, the Araucaria Excelsa, Robusta Compacta and Glauca. 6,000 of the choicest last spring importation now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

Araucaria Excelsa, raised from cuttings, no seedlings. Plants 5-5 1/2-6 7 in. pots, 15-18-20-25-30 in. high, 3-4-5-6 tiers, 2-3-4-5 years old, 50c, 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant 6-in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, for only 60c to \$1.00; a jumbo, 6-in. pot, 5 years old, 25 in. and over, as wide as a bushel basket, 5-6 tiers, for only \$1.00; and what do you think a holy terror, 30 in. and over, 5-6 tiers, worth \$2.00, for only \$1.25 to \$1.50.

Robusta Compacta, Excelsa Glauca, 6-in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest Araucaria Robusta Compacta and Excelsa Glauca, a house full, for only \$1.25 to \$1.50, worth double.

Adiantum Hydrum, 6-in. pot, 25c to 30c.

Asparagus Sprengeri, 2 1/2 in. 3c; 4 in., 10c.

Spiraea Clostone, started, in 5 1/2 to 6 in. pots, at 15c to 25c.

Dracena Braunii, 25 to 30 in. high, 6-in. pots, 40c to 50c. Highly recommended for store and house decoration: stands heat, cold and dust.

Latania Borbonica (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

Lilium Multiflorum, our own importation from Japan, raised from 2-10 in. bulbs, started in 6-in. pots last October; have kept cold; now about 5 to 8 in. high, just right for Easter, 25c to 30c each, by the dozen or hundred.

Ipomea Notiflorum, our so well-known pure white, waxy Moonvine, bearing flowers very fragrant and as big as a saucer, 2 1/2 in. pots, will make good stock for you to propagate from, \$5.00 per 100.



Washington's birthday is before the door. The public is accustomed to buy a cherry for this occasion. We have it raised on purpose for that day. Jerusalem Cherries, big plants with ripe, red berries, 6-in. pots. Look! only 25c, 35c to 50c each.

Azalea Indica, Easter forcing: Vervaneana Professor Wolters, Empress of India, Schryveriana, double variegated 60c, 75c, \$1.00 to \$1.50. Mme Van der Cruyssen, Simon Mardner, pink, Niobe, white, Apollo, red, 60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we have Niobe, Helena Thielman, Bernard Andreas Alba, white, Mme. Van der Cruyssen, and others, \$1.50, \$2.00 to \$2.50.

Azalea Indica, with buds advanced, showing colors, Deutsche Perle, Vervaneana and Simon Mardner, 60c, 75c, \$1.00 to \$1.25.

Primula Chinensis, mostly white, 5 1/4 in., \$2.50 per doz.

Kentia Forsteriana, in fine shape, 6-in. pots, 30-35-40-45 in. high, 4-5-6 years old, 75c, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

Kentia Belmoreana, 30-35-40 in. high, 5-5 1/2-6 7 in. pots, 5-6 years old, \$1.00, \$1.25, \$1.50 to \$2.00 each.

Kentia Belmoreana, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00; 4 in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine. Boston, Scottii, Whitmanii and Scholastica, 5 1/2 in., 6 in., 35c, 40c, 50c; 7 in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches.

Neph. Gleadowii, a new beautiful fern, an improvement on Scottii, much shorter and bushier than Scottii, 5 1/4 in. pots, 50c; 3 in. pots, 25c.

Pteris Wilsonii, 3 large bushy plants in 6-in. pots, 30c to 35c per doz.

Ferns for Dishes, big assortment, 2 1/2 in. pots, at \$4.00 per 100.

Cineraria Grandiflora Hybrida, Aschmann's, so well-known superior strain, which brought as high as one dollar a plant wholesale last Easter. Now is the best time if you want good plants for Easter. We have a very large stock of 4 in., at \$1.00 per 100, 6 in., at 25c, 35c to 50c, just right for Easter blooming.

Crimson Rambler Roses, 6-in. pots, 3 feet high, nicely staked up and beat down, 50c to 75c.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

## GODFREY ASCHMANN

Wholesale Grower and  
Importer of Potted Plants.

1012 W. Ontario St., PHILADELPHIA, PA.

FOR RELIABLE STOCK FROM RELIABLE DEALERS

Keep Tab on Advs. in THE FLORIST

# Bobbink & Atkins

**World's Choicest Florist and Nursery Products.**  
**RHODODENDRONS.**

In all bright colors: fine forcing varieties; good value.  
 \$9 00, \$12 00, \$15 00, \$18 00 per doz.

**CAMELIAS.** Well budded plants, variety of colors, \$15 00, \$18 00, \$24 00 per doz.

**ACACIA PARADOXA.** Fine plants, \$12 00, \$18 00, \$24 00 per doz.

## Pot-Grown Forcing Plants.

|                                                                 | Per 100 | Doz.   |
|-----------------------------------------------------------------|---------|--------|
| Azalea Mollis                                                   | \$35 00 | \$4 50 |
| Deutzia Gracilis                                                | 15 00   | 2 00   |
| Lilac, Charles X., Marie Le Graye, extra size, for 8-9 in. pots | 10 00   | 15 00  |
| Malus, Flowering Crab                                           | 6 00    | 4 00   |
| Dicentra Spectabilis                                            | 4 00    | 9 00   |
| Aucuba Variegated, for window boxes, 12-15 in.                  |         |        |
| Aucuba, fine plants, 18-24 in.                                  |         |        |

## KENTIAS and BAY TREES.

Our stock is larger and finer than ever. We can fill orders for any quantity in all sizes.

**HARDY HERBACEOUS PLANTS.** We grow a large quantity and variety of these popular florist plants.

Mail Us Your List of Nursery Wants for Quotations.  
 in possible to ship by freight in cold weather. Ask for Wholesale Catalogue.

## ROSES.

H. P., low budded, 2-yr., fine stock for forcing in pots, in all the leading varieties, \$15 00 per 100; \$125 00 per 1000

We have a fine, strong, healthy collection of **Standard Roses**, in all the leading varieties, \$15 00 per 100; \$125 00 per 1000

H. T., low budded, 2-yr., fine stock for forcing in pots, \$20 00 per 100

**Crimson Rambler**, home grown, 2-year old, 2-3 ft. Per doz. 100

well branched, own roots \$2 00 \$12 00

2-year old, 2-3 feet, well branched, budded 2 00 12 00

3-year old, 3-4 feet, well branched, own roots 3 00 15 00

3-year old, 4-5 feet, well branched, budded 3 00 15 00

**Dorothy Perkins**, strong field grown, 2 00 15 00

**Baby Rambler**, half standard, 30 in. high, 9 00 15 00

**Lady Gay**, 2-year old, 15 00

**Baby Rambler**, dormant, field grown, selected, budded plants, 16 00

A visit to our greenhouses and nursery will convince you we have the quality that gives satisfaction.  
 We have a fine selection of nursery products. Shall be pleased to give special prices on lists.

## EVERGREENS.

We have a large quantity and fine assortment of small **Evergreens**, for Winter Boxes and Vases, 10-12 inches, \$20 00 per 100; 12-15 inches, \$25 00 per 100; 15-18 inches, \$35 00 per 100.

Order early to save heavy express charges;  
 in possible to ship by freight in cold weather. Ask for Wholesale Catalogue.

**Nurserymen, Florists and Planters.**

**RUTHERFORD, N. J.**

## A FEW GOOD THINGS YOU WANT.

**Geraniums**, Nutt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; Visad, Castellane, Poltevine Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
**Whitman Ferns**, 4-in. 25c each. 5-in. 35c.  
**Boston Ferns**, 5-in. 25c each.  
**Vinca Var.**, 2-in. \$2.00 per 100.  
**Dracena Ind.**, 4-in., \$10.00 per 100.  
**Dracena Ind.**, 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
**Asparagus Sprengeri**, 2-in., \$2.50 per 100.  
**Heliotrope**, Blue, R. C., \$1.00 per 100.  
 Cash with order.

**GEO. M. EMMANS, Newton, N. J.**

## Roses in 200

sorts for immediate or spring delivery.

**THE LEEDLE FLORAL COMPANY**  
 SPRINGFIELD, OHIO

A New Fern **Nephrolepis Giatrasii**

Awarded a Certificate of Merit by the Horticultural Society of New York.  
 Prices: In 2 1/2 inch pots, \$2.00 per dozen; \$12 00 per 100; \$100 00 per 1000. 25 plants at 100 rates. Orders delivered in rotation as received.

Now Ready for Delivery.

**GEORGE GIATRAS**, 463 Summit Ave., West Hoboken, N. J.

## PALMS, FERNS AND

**Decorative Plants**

**JOHN SCOTT**, Rutland Rd. & E. 45th St., BROOKLYN, N. Y.

## Shamrock Plants

\$5.00 per 100. Fine strong plants in 3-in. pots. Cash with order.

**JOHN COOMBS**, Hartford, Conn.

## CARNATIONS

100,000 rooted cuttings, strong, healthy guaranteed.

**Pink Delight**, **Dorothy Gordon**, **Apple Blossom**, **Wanoka**, \$6.00 per 100, \$50.00 per 1000.

Cash or C. O. D. from unknown parties.

Order now for early delivery.

By the way have you ordered

## RAINBOW

the coming Carnation? Awarded A. C. S. Certificate at Pittsburg. Orders booked now for January, 1912, delivery, \$12.00 per 100; \$100.00 per 1000.

**Wanoka Greenhouses, Barneveld, N. Y.**

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums

Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

**Wood Brothers**, FISHKILL, New York.

**D. U. AUGSPURGER & SONS CO.**  
**FLORISTS,**

BOX 778,

**Peoria, Illinois.**

## Robert Craig Co...

HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

## Rooted Carnation Cuttings

For December Delivery.

**ENCHANTRESS, PERFECTION,**

**BEACON**, \$3.00 per 100;

\$25.00 per 1000.

**ROSE PINK and WHITE**

**ENCHANTRESS, WINSOR**,

\$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

**Thompson Carnation Co., JOLIET, ILL.**

Mention the American Florist when writing

## Verbenas! Verbenas!!

**Verbenas!**

The Gem Bedding Plant.

Send for circular.

**J. L. Dillon**

Bloomsburg, Pa.

## Pansy Plants.

None better at any price. \$2.50 per 1000; 5000, for \$10.00.

**Daisies and Forget-me-nots**, fine plants \$2.50 per 1000.

**Primula Chinese**, **Cincarrila**, **Asp. Sprengeri**, **Snagdragons**, **Giant double Petunias** (Dreer's) fine plants out of 2 1/2-inch pots, \$2.00 per 100; \$5.00 for 500.

**Violets**, field grown. **Lady Campbell** to clean out, \$5.00 per 100; \$25.00 per 1000.

**J. C. SCHMIDT, Bristol, Pa.**





# Ready Reference Section.

10 CENTS PER LINE, NET.



## AGERATUMS.

Ageratums, 3-in., \$4 per 100; \$35 per 1,000; rooted cuttings, \$5 per 1,000. GEO. WITTBOLD Co., Edgebrook, Chicago, Ill.

Ageratum Stella Gurney, R. C., 50c, 100; \$4. 1,000. Cash. J. P. Cannata, Mt. Freedom, N. J.

## ALTERNANTHERAS.

Alternantheras, red and yellow, rooted cuttings, 60c per 100; \$5 per 1,000; 2 1/2-in., \$2 per 100; \$18 per 1,000. Mosbæk Greenhouse Co., Onarga, Ill.

Alternantheras, red and yellow, rooted cuttings, \$5 per 1,000. GEO. WITTBOLD Co., Edgebrook, Chicago, Ill.

Alternantheras, yellow, R. C., 60c per 100. Jos. H. Cunningham, Delaware, O.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucarias. McHutchison & Co., 17 Murray St., New York.

## ASPARAGUS.

Asparagus Sprengeri, 2-in., \$150 per 100; 2 1/2-in., \$2.50 per 100; 3-in., extra strong, \$4 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus Sprengeri, 3/4 per 100. Weber Bros., Ironton, Ohio.

Asparagus plumosus, 2 1/2-in., \$3 per 100; \$27.50 per 1,000; 3-in., \$6 per 100. Asparagus Sprengeri, 2-in., 2c; 3-in., 4c; 4-in., 8c. Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus seed, per 1,000. \$4. 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Pothound 3-in., Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 3 1/2-in., \$5 per 100. Henry Daut, Decatur, Ill.

Asparagus Sprengeri, 5-in., 15c. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 2 1/2-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## ACUBAS.

Acubas, var., 12-15 ins., \$4 per doz.; 18-24 ins., \$9. Bobbink & Atkins, Rutherford, N. J.

## AZALEAS.

Azaleas. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Azaleas. Jacobs Smits, Naarden, Holland.

## BAY TREES.

Bay trees. McHutchison & Co., 17 Murray St., New York.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEGONIAS.

Begonia Lorraine, 2 1/2-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati. J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood. McHutchison & Co., 17 Murray St., New York.

## BULBS.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs. Calla Elliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs. Japanese lilies, giganteum, multicoloratum, etc. McHutchison & Co., 17 Murray St., New York.

Bulbs. Lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

## CANNAS.

Cannas, healthy, true to name, Express and King Humbert, \$3 per 100. Chas. Henderson, Chicago, Egandale, M. Berat, L. Patry, David Harum, Wyoming, \$2.50 per 100. The Geo. Witthold Co., Edgebrook, Chicago, Ill.

Canna roots. Ex. Crampell, Austria, Chas. Henderson, Mlle. Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Cannas, Sec. Chebanne, Cincinnati, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatory, Sluys, O.

Cannas, strong, 2 to 3 eyes, Chas. Henderson, Allemania, America and Austria, \$1.25 per 100. Cash. Albert Troth, Cantril, Iowa.

Cannas. Write for prices. Vaughan's Seed Store, Chicago and New York.

## CARNATIONS.

### ROOTED CARNATION CUTTINGS.

|                                   | 100   | 1,000 |
|-----------------------------------|-------|-------|
| Washington                        | ..... | ..... |
| Enchantress                       | ..... | ..... |
| Princess Carlise, beautiful flesh | ..... | ..... |
| pink                              | ..... | ..... |
| Conquest, variegated              | ..... | ..... |
| Sangamo, brilliant pink           | ..... | ..... |
| Mary Tolman, deep flesh           | ..... | ..... |
| Princess Gordon, pink             | ..... | ..... |
| Scarlet Glow                      | ..... | ..... |
| J. Whitcomb Riley, yellow         | ..... | ..... |
| Shasta, white                     | ..... | ..... |
| White Perfection                  | ..... | ..... |
| May Day, flesh pink               | ..... | ..... |
| Enchantress                       | ..... | ..... |
| Winor                             | ..... | ..... |
| Winona                            | ..... | ..... |
| Alvina, cerise                    | ..... | ..... |
| Aristocrat, cerise                | ..... | ..... |
| Afterglow                         | ..... | ..... |
| White Enchantress                 | ..... | ..... |
| White Perfection                  | ..... | ..... |
| O. P. Bassett, scarlet            | ..... | ..... |
| Victory                           | ..... | ..... |
| Rosepink                          | ..... | ..... |

Our entire stock of rooted cuttings are exceptionally free from disease, strong and well rooted. We guarantee them A. No. 1 or money refunded. Order now for immediate or later delivery.

CHICAGO CARNATION CO.,  
A. T. Pyter, Manager.  
(Phone Central 3373)  
35-37 Randolph St. Chicago.

### ROOTED CARNATION CUTTINGS.

|                                   | Per 100 | Per 1,000 |
|-----------------------------------|---------|-----------|
| Washington                        | .....   | .....     |
| Sangamo                           | .....   | .....     |
| Mary Tolman                       | .....   | .....     |
| Conquest                          | .....   | .....     |
| White Enchantress, March delivery | .....   | .....     |
| May Day, March delivery           | .....   | .....     |
| Beacon, March delivery            | .....   | .....     |
| White Perfection                  | .....   | .....     |
| Enchantress                       | .....   | .....     |
| Winona                            | .....   | .....     |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations, strong healthy and well rooted cuttings: Enchantress, \$3 per 100; \$25 per 1,000. Rose Pink Enchantress, \$3 per 100; \$25 per 1,000. White Enchantress, \$3 per 100; \$25 per 1,000. White Perfection, \$3 per 100; \$25 per 1,000. E. Huston & Co., Sistersville, W. Va.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 292 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanaka, \$8 per 100; \$50 per 1,000. Rainbow, \$12 per 100; \$100 per 1,000. Wanaka Greenhouses, Barneveld, N. Y.

Carnation, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$25 per 1,000. Thompson Carnation Co., Joliet, Ill.

Strong, well rooted pure White Enchantress, Lawson-Enchantress and Enchantress, \$20 per 1,000. Geny Bros., Nashville, Tenn.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnation Bonfire, \$12 per 100; \$100 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSANTEMUMS.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cineraria, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## COLEUSES.

Coleus, standard varieties, including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000; 2 1/2-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, rooted cuttings, eight standard varieties for immediate delivery, 75c per 100; \$6 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, Verschaffeltii, Golden Bedder, \$6 per 100. Standards assorted, \$5. A. M. Herr, Lancaster, Pa.

Coleus, Verschaffeltii, Golden Bedder, red and yellow Pfister, \$5 per 1,000 rooted cuttings. Geo. Witthold Co., Edgebrook, Chicago, Ill.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



## CUTTINGS.

**ROOTED CUTTINGS.**  
 Ageratum, blue ..... \$5.00 per 1,000  
 Coleus Pfister, red, a pretty .....  
 crinkly or crested leaf variety. 6.00 per 1,000  
 Crinkly or crested leaf variety. 6.00 per 1,000  
 German ivy ..... 5.00 per 1,000  
 Salvia splendens ..... 4.00 per 1,000  
 Chrysanthemum, Bonanza ..... 3.00 per 1,000  
 Chrysanthemum, Buckbee ..... 3.00 per 1,000  
 Chrysanthemum, Enguehard ..... 3.00 per 1,000  
**STOCK PLANTS OF CHRYSANTHEMUMS.**  
 Bonanza, yellow ..... \$3.00 per 100  
 Enguehard, pink ..... 3.00 per 100  
**GEO WITTBOLD CO.,** Chicago, Ill.

**Edgebrook,** Chicago, Ill.  
 Cuttings, verbenas, 70c per 100; \$6 per 1,000.  
 Coleus, 70c per 100; \$6 per 1,000; Ageratum,  
 60c per 100; \$5 per 1,000. Dahlias, \$1 per  
 100; \$8 per 1,000. Heliotrope, \$1 per 100;  
 \$8 per 1,000. Alyssum, 80c per 100. S. D.  
 Brant, Clay Center, Kans.

## CYCLAMENS.

Cyclamens, transplanted seedlings, the best  
 giant commercial strain, sound, stock plants,  
 & separate colors or mixed, 2½ c. J. L. Schi-  
 ler, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15  
 per 100; 5-in., \$25 per 100; Skidelsky & Irwin  
 Co., 1215 Belmont, Philadelphia, Pa.  
 Cyclamen, well budded 4-in. stock, \$15 per  
 100. Moshak Greenhouse Co., Onarga, Ill.

## DAHLIAS.

Dahlias, a choice list of best novelties and  
 varieties for cuttings or garden use. True to  
 name. Send for catalogue of dahlias, bolli-  
 hocks, hardy plants, etc. Prices reasonable.  
 W. W. Wilmore, Box 382, Denver, Colo.

Dahlias, whole field clumps, Penelope, Gallard,  
 Elaine, Domatia, Jewell, Zula, Gen. Bullard,  
 Blue Opan, Blue Jewell, Virid, Snow Child, \$5  
 per 100. Cash. Albert Troth, Cantril, Iowa.  
 45,000 field-grown clumps, 2c and up. List  
 ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

## DAISIES.

Shasta daisy Alaska, 2-in., \$2 per 100. Ree-  
 ser Plant Co., Springfield, O.

Daisies, \$2.50 per 1,000. J. C. Schmidt, Bris-  
 tol, Pa.

## DRACENAS.

Dracena indivisa, 4-in., \$10 per 100; 2-in.,  
 \$2 per 100; \$18 per 1,000. Wettlin Floral Co.,  
 Horrell, N. Y.

Dracena indivisa, extra strong, 2½-in., one-  
 year-old, \$3 per 100; \$25 per 1,000. Cash.  
 Henry Daut, Decatur, Ill.

Dracena Brunsii, 6-in., 40c to 50c. G. Asch-  
 mann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena indivisa, 4-in., \$10 per 100. Geo.  
 M. Emmons, Newton, N. J.

## FERNS.

Ferns, Boston, Perslioni, Scottii, 2½-in., 4c;  
 3-in., 5c. Elegantisima and Whitmani, 2½-  
 in., 5c; 3-in., 10c. Special prices on large  
 specimen ferns. Moshak Greenhouse Co., Onar-  
 ga, Ill.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per  
 1,000.

**THE GEO. WITTBOLD CO.,** Chicago, Ill.

**Edgebrook,** Chicago, Ill.  
 Ferns. For varieties and prices, see adver-  
 tisement elsewhere in this issue. Vaughan's  
 Seed Store, Chicago and New York.

Ferns. Heavy plants, Boston, 4-in., \$15 per  
 100. Perslioni, Elegantisima, Barrowsi, 4-in.,  
 \$14 per 100. Wagner Park Conservatories, Sid-  
 ney, O.

Ferns. For varieties and prices see advertise-  
 ment elsewhere in this issue. The Reeser Plant  
 Co., Springfield.

Ferns. Schellii, 2½-in., \$5 per 100; 5-in.,  
 \$6 per doz.; \$40 per 100. Storrs & Harrison,  
 Painesville, O.

Ferns, Whitmani, 4-in., 25c each; 5-in., 35c.  
 Boston, 5-in., 25c. Geo. M. Emmons, Newton,  
 N. J.

Ferns. For prices and varieties see adver-  
 tisement elsewhere in this issue. G. Aschmann,  
 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see adver-  
 tisement on last cover page of this issue. F. R.  
 Perslioni Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30  
 per 1,000. Frank Oechslin, 4911 Quincy St.,  
 Chicago.

Neph. Giatrasii, 2½-in., \$2 per doz.; \$12 per  
 100; \$100 per 1,000. Geo. Giatras, 463 Summit  
 Ave., West Hoboken, N. J.

Ferns. John Scott, Rutland, Rd. and E. 45th  
 St., Brooklyn, N. Y.

## FICUS.

Ficus, McHutchinson & Co., 17 Murray St.,  
 New York.

## FORGET-ME-NOTS

Forget-me-nots, \$2.50 per 1,000. J. C.  
 Schmidt, Bristol, Pa.

## FUCHSIAS.

Fuchsias, 2½-in., \$4 per 100. Skidelsky &  
 Irwin Co., 1215 Betz Bldg., Philadelphia.

## GERANIUMS.

Geraniums, S. A. Nutt, Perkins, La Favorite,  
 Moss, Salter, \$2.50. Mrs. Pollock, \$3 per 100.  
 Strong stock out of 2½-in. pots, all ready for  
 shift. River Falls Floral Co., River Falls,  
 Wis.

Geraniums, standard vars., 2-in., \$2 per 100;  
 \$18.50 for 1,000; 3-in., \$3 per 100; \$25 per  
 1,000. R. Vincent, Jr., & Sons Co., White  
 Marsh, Md.

**ROOTED CUTTINGS.** All stock. Nutt, Grant,  
 Potteville, Buchner, \$1.50 per 100; \$15 per 1,000.  
 Next delivery about February 20. The W. T.  
 Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favor-  
 ite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100.  
 Vaud, Castellane, Potteville, Jaulin, Ricard,  
 Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$3.  
 Geo. M. Emmons, Newton, N. J.

Geraniums: S. A. Nutt, 3-in., \$4 per 100;  
 \$35 per 1,000. Ivy Geranium, 3-in., \$4 per  
 100; \$35 per 1,000. **GEO. WITTBOLD CO.,**  
 Edgebrook, Chicago, Ill.

Geraniums: S. A. Nutt, \$11.50 per 1,000.  
 Potteville, Ricard, \$14 per 1,000. A. M. Herr,  
 Lancaster, Pa.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000.  
 Galax, 90c per 1,000. Boxwood, 50-lb. case,  
 \$7.50. Laurel Wreath, 10-in., \$1.75 per doz.;  
 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel  
 trimming, 4c and 5c per yard. J. Jansky, 19  
 Province St., Boston.

Greens, all kinds. For varieties and prices  
 see advertisement elsewhere in this issue. Mich-  
 igan Cut Flower Exchange, 33 Broadway, De-  
 troit, Mich.

Greens, floral wreathing, sheet moss, galax,  
 leucobasis and ferns. Swan & Cheggin, Roan  
 Mountain, Tenn.

Greens, southern wild smilax, log mosses,  
 natural and perpetuated. E. A. Beaven, Ever-  
 green, Ala.

Greens, evergreen, fancy and dagger ferns,  
 bronze and green galax. Geo. Cosnans & Co.,  
 60 W. 28th St., New York.

Greens, 50-lb. case smilax, \$1.75. Henry M.  
 Robinson & Co., Nadawah, Ala.

Greens, fancy ferns, bronze and green galax.  
 A. L. Fortunes, 93 Broadway, Brooklyn, N. Y.

Greens of all kinds. Henry M. Robinson &  
 Co., 15 Province St., Boston, Mass.

Wild smilax & floral wreathing, sheet moss, galax,  
 leucobasis and ferns. Swan & Cheggin, Roan  
 Mountain, Tenn.

## HARDY PLANTS.

Rubus, Golden Glow, strong clumps, \$1.25  
 per 100; \$10 per 1,000. Cash. Albert Troth,  
 Cantril, Iowa.

Hardy herbaceous plants. Bobbink & Atkins,  
 Rutherford, N. J.

Iris, strong clumps, German mixed colors,  
 Siberian blue, \$1.25 per 100; \$10 per 1,000.  
 Cash. Albert Troth, Cantril, Iowa.

## HELIOPTROPES.

Heliotrope Centefleur, \$10 per 100. E. G. Hill  
 Co., Richmond, Ind.

Heliotrope, 2-in., \$2; 3-in., \$3. R. Vincent,  
 Jr., & Sons Co., White Marsh, Md.

Heliotrope, 5 vars., \$3 per 100; \$25 per 1,000.  
 Storrs & Harrison Co., Painesville, O.

Heliotrope, R. C. \$1 per 100. Geo. M. Em-  
 mons, Newton, N. J.

## IVY.

German ivy, rooted cuttings, 50c per 100;  
 2½-in., 2c. Moshak Greenhouse Co., Onarga, Ill.

Ivy, R. C. English, \$1; German, 50c per 100,  
 prepaid. Chas. Frost, Kenilworth, N. J.

## LANTANAS.

Lantana, 2-in., \$2; 3-in., \$3. R. Vincent,  
 Jr., & Sons Co., White Marsh, Md.

## LILACS.

LILACS, Marie LeGraye, pot-grown for forc-  
 ing, \$1 each; \$8 per doz.; Chas. X. pot-grown,  
 for forcing, \$1 each; \$8 per doz.

**THE GEO. WITTBOLD CO.,** Chicago, Ill.

Lilacs, Charles X, 50c each; \$5 per doz.  
 Jackson & Perkins, N. Newark, N. Y.

Lilacs, Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

**To Import.**  
 Lily of the valley, Jacs Smits, Ltd., Naar-  
 den, Holland.

Lily of the Valley, Chicago Market Brand,  
 \$1.75 per 100; \$15 per 1,000. Early for forc-  
 ing, \$12.50 per 1,000. H. N. Bruns, 3040 W.  
 Madison St., Chicago.

Lily of the valley. For prices see advertise-  
 ment elsewhere in this issue. Jackson & Per-  
 kins Co., Newark, N. Y.

Lily of the valley, Premium dormant, \$12  
 per 1,000. International Plant, \$10. London  
 Market (storage), \$14. Vaughan's Seed Store,  
 Chicago.

Lily of the valley, pipes, cases of 1,000, \$9  
 case of 1,000, cases of 3,000, \$8 per 1,000. J. M.  
 Thornburn & Co., 33 Barclay St., New York.

Lily of the valley pipes. Hamburg or Berlin  
 type. McHutchinson & Co., 17 Murray St., New  
 York.

Lily of the valley. Finest grade of pipes  
 grown by Mr. E. Neubert, Wandseck, Germany.  
 New York representative, H. Frank Darrow, 26  
 Barclay St., New York City.

Lily of the valley. Otto Mann, Leipzig, Sax-  
 ony, Germany.

## From Storage.

Lily of the valley. Finest Hamburg pipes from  
 cold storage at all seasons. H. Frank Darrow,  
 26 Barclay St., New York City.

## LOBELIAS.

Lobelia Kathleen Mallard, 2½-in., \$2 per 100.  
 Henry Daut, Decatur, Ill.

## MANETTI.

Manetti, French, \$1.25 per 100; \$10 per 1,000.  
 English, \$1.50 per 100; \$12 per 1,000. Vaughan's  
 Seed Store, Chicago and New York.

Manetti, English, \$12 per 1,000. French, \$10.  
 Jackson & Perkins Co., Newark, N. Y.

## MUSHROOM SPAWN.

Mushroom Spawn, English, 25 lbs., \$2.00; 100  
 lb., \$6.50; American, 25 bricks, \$3.50; 100  
 bricks, \$12. Vaughan's Seed Store, Chicago and  
 New York.

Mushroom Spawn. Lambert's Pure Culture.  
 American Spawn Co., St. Paul, Minn.

## NURSERY STOCK.

Hamelis Virginia, 50,000 extra fine trans-  
 planted.

Hamelis Virginia (witchhazel).

3 to 5 feet, 3,000, \$100..... \$5.00 40.00

4 to 6 feet, 2,000, \$100..... 7.00 60.00

5 to 7 feet, extra heavy, 200..... 10.00 90.00

20,000 Spirea Van Houttei, 6 to  
 18 ins. .... 1.50 12.00

15,000 Spirea Van Houttei, 18 to  
 30 ins. .... 3.00 25.00

10,000 Syringa Coronarius (sweet  
 scented), 2 to 2 feet. .... 3.00 25.00

12,000 Syringa Coronarius (sweet  
 scented), 2 to 3 feet. .... 4.00 35.00

20,000 Forsythia Viridissima, 1 to  
 2 feet. .... 2.00 20.00

10,000 Forsythia Viridissima, 2 to  
 3 feet. .... 3.00 25.00

12,000 Calycanthus (sweet shrub),  
 transp., 2 to 3 feet. .... 3.00 25.00

8,000 Calycanthus (sweet shrub),  
 transp., 3 to 4 feet. .... 5.00 40.00

Weigela in assortment, 2 to 3 ft. 3.50 30.00

Stray Japonica, transp., 4 to 5  
 feet. .... 12.00 .....

200,000 California privet, high  
 grade, 6 to 14 ins. .... 5.00 40.00

150,000 California privet, 2  
 branches and up, 1 to 2 feet. .... 7.00 60.00

50,000 California privet, 2  
 branches and up, 2 to 3 feet. .... 10.00 90.00

Always a good stock on hand, made to  
 close them out. Box free. F. O. B. Send for  
 trade list. FOREST NURSERY AND SEED  
 CO., McMinville, Tenn.

Nursery stock, blue spruce, berried plants,  
 climbing plants, clematis, conifers, evergreen  
 funkias, Japan maples, hydrangeas. Jacs Smits,  
 Lt., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines  
 and hemlocks. Andorra Nurseries, Chestnut Hill,  
 Philadelphia.

Nursery stock, arbor vitae (Thuja occident-  
 alis), 3 to 4 ft., 4 to 5 ft. trees. The Wm.  
 H. Moon Co., Morrisville, Pa.

Giant Himalaya berry. For prices see ad-  
 vertisement elsewhere in this issue. Berrydale  
 Enrichment Station, Gardens, Holland, Mich.

Nursery stock, ornamental trees and shrubs.  
 W. & T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, Importers, exporters, growers and  
 hybridists. Sanders, St. Albans, England; New  
 York office, room 721, 235 Broadway.

Orchids, all commercial, cattleyas and nov-  
 elties. Carillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Jus-  
 tus Roehra Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Sum-  
 mit, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**PANSIES.**

Pansies (transplanted): these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$35; 5-in., \$60. F. A. Baller, Bloomington, Ill.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

**PALMS.**

Palms, Kentia Bel, 2 1/2-in., \$5 per 100; 3-in., \$15 per 100; 4-in., \$35; 5-in., \$60. Storrs & Harrison Co., Painesville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms, Kentias. McHutchison & Co., 17 Murray St., New York.

Palms, Kentias. Joseph Heacock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**PEONIES.**

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.

Peonies. McHutchison & Co., 17 Murray St., New York.

**PRIMULAS.**

Primula chinensis, 5 1/4-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primroses, Obc. alba and rosea, \$1.50 per 100. Obc. gigantea, \$2. Jos. H. Cunningham, Delaware, O.

Primulas, Chinese. 2 1/2-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

**PRIVET.**

Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

**RHOODODENDRONS.**

Rhododendrons. McHutchison & Co., 17 Murray St., New York.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

**ROSES.**

Roses, budded field grown H. P., extra fine, roots and tops. Frau Karl Druschki, in large supply. Huntsville Wholesale Nurseries, Huntsville, Ala.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses for forcing. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Rose Queen, \$35 per 100, own roots; \$40 for grafts. Mrs. Aaron Ward, \$12 per 100; \$100 per 1,000; \$25 per 100 for grafts. E. B. Hill Co., Richmond, Ind.

Roses, Lady Hillingdon. Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney. Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Roses, 2 1/2-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.

Roses, hybrid perpetual and Ramblers. Jackson & Perkins Co., Newark, N. Y.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leddie Floral Co., Springfield, O.

Roses, 50 leading varieties. Wagner Park Conservatories, Sidney, O.

Roses, McHutchison & Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

**SALVIAS.**

Salvia splendens, rooted cuttings, \$1 per 100; \$7.50 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Salvia Zorich, rooted cuttings, 1c; 2-in., 2c. J. H. Schiller, Toledo, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

**SEEDS.**

Seeds, cabbage, cauliflower, carrot, mangel, Swedish and turnip. Chr. Olsen, Odense, Denmark.

ASPARAGUS PLUMOSUS MANUS SEED. house-grown; a high grade seed and absolutely true to name.

|                 |      |                  |        |
|-----------------|------|------------------|--------|
| 1,000 seed..... | 1.00 | 10,000 seed..... | \$2.00 |
| 5,000 seed..... | 2.25 | 20,000 seed..... | 1.75   |

On larger quantities write for quotations.

414 1/2 So. Broadway, Los Angeles, Calif.

Seeds, Red Globe onion, \$1 per lb. Radish, Early Scarlet Globe, 30c per lb. Peas, Nott's Excelsior, 1/2 peck, \$1; peck, \$1.90. Beans, Rusty Black Wax, 1/2 peck, 60c; peck, \$1.00. Above seed raised by ourselves from selected stock in Northern Wisconsin. River Falls Floral Co., River Falls, Wis.

Seeds, Iowa grown, crop of 1910. Asters, Queen of the Market, Ostreich Plume and Ray, in 6 colors of each kind, 1/4 oz., 10c; 1/2 oz., 15c; 1 oz., 25c; each color separate. Cash. Albert Troth, Cantril, Iowa.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, stocks. For varieties and prices see advertisement elsewhere in this issue. Fottler, Fiske, Rawson Co., 12 Faneuil Hall Sq., Boston, Mass.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, The Crego Aster, 1/4 oz., \$1; 1/2 oz., \$2. H. G. S. Crego, 738 E. Main St., Portland, Ore.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, specialities, peppers, egg plant, tomato vine and field corn, George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters, Wacker Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower. Frederick Roemer, Quedlinburg, Germany.

Seeds, flower. J. J. H. Gregory & Son, 115 Elm St., Marblehead, Mass.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds for market gardeners. German Nurseries and Seed House, Box 700, Beatrice, Neb.

**Contract Growers.**

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asparagus, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbenas. Waldo Rohmert, Gilroy, Calif.

CORN. Field, flint and sweet corns, contract grower to the trade. Ratekins Seed House, Shendale, Iowa.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds. Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Florida grown watermelon seed. Hugh M. Taylor, contract trade grower, Lloyd, Florida.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

For Southern Seeds—Headquarters. N. L. Willet Seed Co., Augusta, Ga.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

**SHAMROCKS.**

Shamrock plants, 3-in., \$5 per 100. John Coombs, Hartford, Conn.

**SMILAX.**

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robison & Co., Pine Apple, Ala.

Smilax. Wood Bros., Fishkill, N. Y.

**SPIREAS.**

Spiraea. Gladstone, \$2.50 per doz. Peach Blossom, \$3 per doz. Queen Alexandra, \$3 per doz.

THE GEO. WITTEBOLD CO., Chicago, Ill.

Spiraea. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**TRADESCANTIA.**

Tradescantia, rooted cuttings, 60c per 100. Mosbek Greenhouse Co., Onarga, Ill.

**VERBENAS.**

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca variegata, R. C., \$1 per 100; 2 1/4-in., \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmaus, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$15 per 1,000. Reeser Plant Co., Springfield, O.

**VIOLETS.**

Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

**STOCK WANTED.**

Stock Wanted—1-year-old seedlings of the following: Cedrus Deodora, Colo. Blue Spruce, Biota aurea, Biota aurea compacta, Biota Roseale, Japan Varish trees, Pinus excelsa, Catalpa bignonioides, Catalpa Speciosa, Yancy Bros. Portulacae, Ga.

**WHOLESALE CUT FLOWERS.****Commission Dealers.**

Ameling Co., E. C., 32-36 Randolph St., Chicago.

Badgley, Riedel & Meyer, Inc., 34 W. 28th St., New York.

Deamond Co., J. B., 51 Wabash Ave., Chicago.

Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 67 W. 28th St., New York.

The Florists' Exchange, 729 13th St., N. W., Washington, D. C.

Greater New York Florists' Association, 102 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 51 Wabash Ave., Chicago.

Holton & Hunkel Co., 402 Milwaukee St., Milwaukee.

Hunt, E. H., 76 Wabash Ave., Chicago.

Kasting Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennicott Bros. Co., 48-50 Wabash Ave., Chicago.

Kessler Bros., 136 W. 28th St., New York.

Kruchten, John, 51 Wabash Ave., Chicago.

Kuehn, O. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 61 Wabash Ave., Chicago.

Kuebler, Wm. H., 28 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 28th St., New York.

Lehr, Joseph J., 66 W. 28th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCollough's Sons Co., 316 Walnut St., Cincinnati.

Mckellar, Chas. W., 51 Wabash Ave., Chicago.

Millang, Ang., 41 W. 28th St., New York.

Millang, Chas., 65 W. 28th St., New York.

Moltz, A. & Co., 55 W. 28th St., New York.

Moore, Hentz & Nash, 55 W. 28th St., New York.

Munk Floral Co., Columbus, O.

N. Y. Cut Flower Exchange, Coogan Bldg., New York.

Niessen Co., The Leo, 1209 Arch St., Philadelphia.

Pennock-Meehan Co., S. S., 109 W. 28th St., New York.

Pittsburg Cut Flower Co., 121 7th St., Pittsburg.

Pittsburg Florists' Exchange, 15 Diamond Sq., Pittsburg, Pa.

Randall, A. L. Co., 19-21 Randolph St., Chicago.

Rice Bros., 115 6th St., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Robinson & Co., H. M., 15 Province St., Boston.  
 Sheridan, Walter F., 131 W. 28th St., New York.  
 Siebrecht & Siebrecht, 136 W. 28th St., New York.  
 Smith, P. J., 49 W. 28th St., New York.  
 Traendley & Schenck, 131 W. 28th St., New York.  
 Vaughan & Sperry, 52 Wabash Ave., Chicago.  
 Weiland & Risch, 69 Wabash Ave., Chicago.  
 Welch Bros., 226 Devonshire St., Boston, Mass.  
 Weiss & Sons, Charles, 128 W. 28th St., New York.  
 Young & Co., A. L., 54 W. 28th St., New York.  
 Zech & Mann, 51 Wabash Ave., Chicago.

#### GROWERS.

Bassett & Washburn, 76 Wabash Ave., Chicago.  
 Budlong, J. A., 37-39 Randolph St., Chicago.  
 Dillon, J. B., Bloomsburg, Pa.  
 Elliott, W. H., Brighton, Mass.  
 Hill, E. G. Co., Richmond, Ind.  
 Poehlmann Bros. Co., 33-37 Randolph St., Chicago.  
 Reinberg, Geo., 51 Wabash Ave., Chicago.  
 Reinberg, Peter, 33 Randolph St., Chicago.  
 Wietor Bros., 51 Wabash Ave., Chicago.

#### BOILERS.

Boilers. The Moisinger-Furman, 200 sizes and styles. John C. Moisinger Co., 902 Blackhawk St., Chicago.  
 Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.  
 Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.  
 Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.  
 Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.  
 Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3908 Shields Ave., Chicago.  
 Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.  
 Boilers for greenhouses. Giblin & Co., Utica, N. Y.  
 Boilers. Lord & Burnham Co., Irvington, N. Y.

#### BUILDING MATERIAL.

Building material. Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.  
 Building material of all descriptions for all cypress semi-iron frame or truss houses. Hot-iron sash and frames. Lord & Burnham Co., 1133 Broadway, New York.  
 Building material, cypress sash bars, greenhouse material of any description. Write for catalogue. John C. Moisinger Co., 902 Blackhawk St., Chicago.  
 Cypress for greenhouse construction, benches, etc. Baker-Wakefield Cypress Co., Ltd., Plantville, La.  
 Building material, greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 2642 Sheffield Ave., Chicago.  
 Building material, cold frames, hotbed sash. Hitchings & Co., 1170 Broadway, N. Y.  
 Building material. Louisiana cypress, pecky cypress, hotbed sash. S. Jacobs & Sons, 1357 Flushing Ave., Brooklyn, N. Y.

#### GOLDFISH.

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue.  
 AUBURNDALE GOLDFISH CO., 920 Randolph St., Chicago, Ill.

#### GLAZING POINTS.

Glazing points. See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.  
 Siebert's zinc never-bust glazing points, 2 sizes 4c. and 4c. 40c. per lb., 16c. extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburg, Pa.  
 Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

#### GREENHOUSE CONSTRUCTION.

Greenhouse construction of all kinds and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

## Greenhouse Material

of Louisiana Cypress and  
 Greenhouse Hardware and Posts.



## Hot Bed Sash

Washington Red Cedar,  
 Patent V and U Gutters.

Our grade invariably the best, our prices right.  
 Write for catalog and estimate when figuring on your new houses.

**A. DIETSCH CO., 2642 Sheffield Avenue, CHICAGO.**

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moisinger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, semi-iron greenhouses new truss houses, iron frame houses. Lord and Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

#### GUTTERS.

Gutters. Jennings' Improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.  
 Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

#### INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Schaff Bos., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides. Aphine, \$1 per quart; \$2.50 per gal. Fungus, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

#### MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

#### MISCELLANEOUS.

Building and propagating sands, fire brick, fire clay, Portland cement, stonecut and hard wall plaster. R. I. W. Damp resisting paint. Garden City Sand Co., Chamber of Com. Bldg., Chicago.

The Mastin Automatic Whitewash and Spraying Machine. J. G. Mastin & Co., 3124 W. Lake St., Chicago.

Draper's recording thermometers, 14x20 Ins., \$30; 9x14 Ins., \$20. The Draper Mfg. Co., 152 Front St., New York.

Model extension carnation support; galvanized rose stakes. Igce Bros., 260 N. 9th St., Brooklyn, N. Y.

Cut Flower Boxes. For sizes and prices see advertisement elsewhere in this issue. The Climax Mfg. Co., 225 Factory St., Castorland, N. Y.

20th Century Soil Sterilizing Furnace. \$70. F. Walker & Co., 634 Fourth Ave., Louisville, Ky.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Cut flower boxes. For sizes and prices see advertisement elsewhere in this issue. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Vacuum heating system. Chicago Pump Co., 1001 Fulton St., Chicago.

New imported florists' baskets. The Radelin Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Superior carnation staple, 1,000 yds. postpaid. L. J. Waite, 293 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. L. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.  
 Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

## Now is the Time

To Subscribe to the

## Horticultural Trade Journal

Published weekly. The Largest  
 Brightest and Best British Trade  
 Publication. Also

## THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers. One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

The Horticultural Printing Company,

BURNLEY, ENGLAND.

# Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

## American Florist Co.,

324 Dearborn St., CHICAGO.

Poultry food. J. Bolgiano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Tile benches and tile bottoms. The Camp Conduct Co., Cleveland, O.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

#### POTS, PANS, ETC.

"NUP-SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$5.50 for 1,000.

Pipe stems, about 6 feet, per 100, 80c; per 1,000, \$8. Vaughan's Seed Store, Chicago.

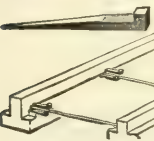
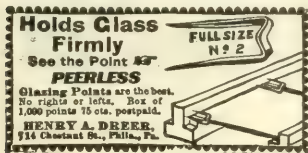
Cane stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**SIEBERT'S ZINC**Never Rust  
**GLAZING POINTS**

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$  inch per lb. by mail 15c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

**RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sls., Pittsburg.**

**Siebert's Zinc Glazing Points.**

Good for small or large glass, do not rust, easy to drive  $\frac{3}{4}$  and  $\frac{1}{2}$  inch Per lb. 40c. 5-lbs. \$1.85. 20-lbs. \$7.00

**VAUGHAN'S SEED STORE**  
Chicago New York

Albany, N. Y.

A feature of the next meeting of the Albany Florists' Club, to be held March 2, will be a banquet and trade exhibition of new varieties of carnations and roses. Growers in this section of the country are asked to send their favorites to President F. A. Danker, 42 Maiden Lane, in time for the meeting. Arrangements for this banquet and other details were discussed at the February meeting of the club, when it was decided to follow a precedent established last year. It is proposed to place the exhibits in suitable vases down the center of the dining table, where the members can see them all the time. The entertainment committee will provide a few extra numbers, such as songs and music by well known amateur vaudeville talent. At the meeting a communication was received from J. A. Shaw, secretary of the New York Florists' Club, asking co-operation in the passage through the legislature of a bill to appropriate \$50,000 for the construction of state experimental greenhouses. President Danker appointed Frederick Goldring to represent the local club in the matter, and he received instructions to work with the delegates of other florists' clubs in the state. Letters will be written to senators and assemblymen asking their assistance in the passage of the measure. Louis Schaefer, who travels extensively for a local seedhouse, gave a very interesting report of the Albany men how the Buffalo officers manage to keep up an enthusiastic interest in their monthly meetings. According to Schaefer, W. F. Kasting is entitled to a good deal of credit for his work in connection with the Buffalo club, and his recipe for maintaining interest is to have something on the program for each meeting. J. H. Snyder, Rhinebeck, wrote that he was unable to be present on account of the death of his mother, and President Danker advised as many of the members as could get away to attend the funeral services on the following Saturday. Patrick Hyde, John J. Berberich and Frederick Henkes were appointed a committee to visit sick members, and to report upon other cases requiring acts of charity. Fred Goldring and Charles Sanders were instructed to prepare suitable resolutions upon the death of Thomas B. Snare, who died on January 9, to be presented at the next meeting.

R. D.



## Henry Ford, the Big Automobile Maker of Detroit, Bought This House of Our Chicago Office Last Fall.

Wm. Roberts is the gardener—perhaps you know him? He is well known out Boston way. He says "these houses are just the very best that can be built. No man's money can buy any better." Roberts has worked in a good many different houses, and we have a notion he knows what he is talking about.

By the way, have you seen that New Catalogue?

If you think of building, you certainly want it handy by.

**Lord & Burnham Co.,**

IRVINGTON, N. Y.

New York  
St. James Building.  
Philadelphia  
Hed Building.

Boston  
Tremont Building.  
Chicago  
The Rookery.

Mention The American Florist when writing



## There's No Use in Talking When You Are Up Against Facts.

The facts are these: In all our quarter of a century of greenhouse building, not one—no, not one—grower has ever gone back to a wooden house after having bought one of our Half Iron Frame Houses. Neither have they ever bought a Half Iron Frame after buying one of our Full Iron Frame.

Don't you go backward when the other fellows are doing their darndest to go forward. Get in line—and keep there.

These two "Iron Framers" were erected for B. Willig, Poughkeepsie, N. Y.

**Hitchings & Company** Elizabeth, N. J., and 1170 Broadway, N. Y.

Mention the American Florist when writing

## To Tell All the Good Points of Our Construction

in this advertisement are planning any tions, it will pay

is impossible. If you rebuilding or addi- you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES



CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES

Mention the American Florist when writing



## Hot Bed Sash

Excellent Quality at Bargain Prices.  
Size: 3 ft. by 6 ft., 1 $\frac{3}{8}$ -inch thick.

Prices—GLAZED HOT BED SASH.  
Clear Western Soft Pine.

10-A-G-88—Single lots. Price each.....\$1.67

10-A-G-88—Dozen lots or more each.....1.60

Clear Louisiana Red Cypress.

10-A-G-88 $\frac{1}{2}$ —Single lots. Price each... 1.68

10-A-G-88 $\frac{1}{2}$ —Dozen lots or more. Price each.....1.62

Prices—OPEN HOT BED SASH.

Clear Western Soft Pine.

10-A-88—Price, single lots, each.....96c

10-A-88-B—Price in lots of 1 dozen or more, each.....90c

Clear Louisiana Red Cypress.

10-A-88-C—Price, single lots, each.....\$1.00

10-A-88-D—Price in lots of 1 dozen or more, each.....95c

All prices for material named are F. O. B. our yards or delivered to any depot or dock in Chicago. Prompt shipment and safe delivery guaranteed.

Send for our new 1000-page Catalog No. 47.

Free upon request.

**Chicago House Wrecking Co.**  
35th and Iron Sts., CHICAGO.

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## Greenhouse Material and Sash Of Every Description.

Get Our Prices and Catalogue.

**S. Jacobs & Sons,** Established 1871.  
1361-1383 Flushing Ave Brooklyn, N.Y.

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## A. HERRMANN,

Cape Flowers, all colors, Cymas  
Leaves, Metal Designs and all  
Florist Supplies.

—Send For Prices—

404-412 East 34th St., NEW YORK.

## Gorham & Chapline Printery Inc. CATALOGUES PRICE LISTS.

HALFTONES, ENGRAVINGS and  
PRINTING FOR FLORISTS.  
358 Dearborn Street, CHICAGO.

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

## IGOE BROTHERS,

Manufacturers of the Model Plant Supports for  
Carnations, Dahlias, Golden Glow, Peonies,  
Chrysanthemums and Tomatoes.

63-71 Metropolitan Ave., BROOKLYN, N. Y.

Lock the door before the horse is stolen,  
and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

**JOHN G. ESLER, Secretary**

SADDLE RIVER, N. J.

A well-known nursery house writes of our

## CREDIT LIST

"Had we had these reports years ago, we would  
have saved several thousand dollars."

Why don't you avoid further losses by joining

The National Florists' Board of Trade, NEW YORK



## Some Facts About The U-Bar

It was invented by two practical men—each standing high in his particular line. One a successful grower, who knows plant requirements from A to Z; the other a greenhouse builder of wide experience.

The main principle of the U-Bar these two men worked out first, and then came months of minor problems upon which the success of the construction depended quite as much as on the U-Bar itself.

Then an experimental house was erected and theories proven to be facts. Then and not till then was a single U-Bar house sold. You know that no construction has yet been perfected that can approach it for demonstrated lightness, attractiveness and durability. Send for Catalog.

## U-BAR GREENHOUSES

PIERSON



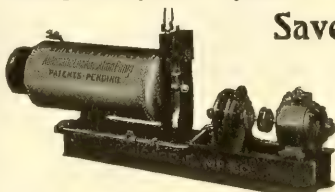
U-BAR CO.

DESIGNERS AND BUILDERS

1 MADISON AVE. NEW YORK

CANADIAN OFFICE: 10 PHILLIPS PLACE, MONTREAL.

## Chicago Pump Co.'s System of Intermittent Vacuum Heating Saves 20 to 50% Coal



Pulls water and air out of the Heating System. Pulls Hot Steam through the Piping and pumps the water into Boilers at the same time. Easily installed. Requires no attention.

Write for full descriptive Bulletin and our 30 day free trial offer.

CHICAGO PUMP CO., 1061 Fulton St., CHICAGO.

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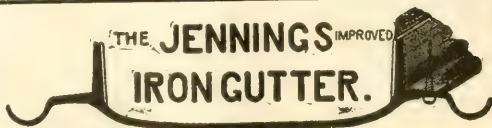
Is a wood that has come into very general use in

**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

Use our patent  
Iron Bench  
Fittings and  
Roof Supports



THE JENNINGS IMPROVED  
IRON GUTTER.

IMPROVED VAPORIZING PANS

For Tobacco Extracts, etc. Send for Circulars.

**DILLER, CASKEY & KEEN,**  
PHILADELPHIA.

S. W. Corner Sixth and Berk Streets.

VENTILATING  
APPARATUS



### ADVANCE MACHINES

combine quality, strength, simplicity, neatness and all the other elements that are required to make a ventilating machine the best on the market.

Our Catalog H. illustrating and describing our apparatus and greenhouse fittings will be sent free to any address upon request.

Compare our prices with others—it will do no harm.

We assure you that your orders or inquiries will receive our prompt and careful attention.

### THE ADVANCE CO.,

RICHMOND, IND.

*Mention the American Florist when writing*

## WILKS'

### Hot Water Boilers

ARE THE MOST ECONOMICAL

### Boiler for Greenhouses

No Night Fireman Required  
with our

### SELF-FEEDING HOT WATER BOILERS.

Send for Catalog and Prices.

### S. WILKS MFG. CO.,

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### EVANS' Improved Challenge Ventilating Apparatus

Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler  
for Greenhouse Heating. Highly  
recommended by well-known florists.

JOHNSTON HEATING CO., 131 East 26th St., NEW YORK.

## Plant Bed Cloth

For Florists, Gardeners, Truck Farmers,  
etc. Protects from frost. Best shade in  
summer. Sold by leading seedsmen.

Waterproof Sheetings, Hay Caps, Etc.

MEMRY DERBY, 123 F. Chambers St., New York.

## The Regan Printing House

LARGE RUNS OF

## CATALOGUES

OUR SPECIALTY

WRITE FOR FIGURES.

91 Plymouth Place, CHICAGO

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Of The United States and Canada

Price \$3.00.

American Florist Co., — 324 — Chicago  
Dearborn St.,

# IMITATION

Is the Sincerest Flattery

## THE KING IDEA

Prevails and is making a revolution in

## Greenhouse Building

Our **Iron Frame** houses are the top notch of construction and our **Semi-Iron** houses satisfy a much felt want, and our greenhouse and conservatories for private estates please and satisfy, while producing results that count much.

Let us figure with you on any project you have in mind.

Write for information.

# King Construction Co.,

### HOME OFFICE AND FACTORY:

**N. TONAWANDA,**  
N. Y.

### EASTERN SALES OFFICE:

**No. 1 Madison Ave.,**  
NEW YORK.



### SUNLIGHT

for Hot-beds  
and Cold-frames

### Double Glass Sash



Try it for  
tomatoes

*Treat your plants right*

## Use Sunlight Sash and be first on the market

Get the benefit of the big prices. Use Sunlight Double Glass Sash—see how much faster your plants grow—how much larger the crops!

The double layer of glass does it.

Between the two layers of glass is a 3/4 inch layer of dry, still air. This forms a transparent blanket that lets in all the light from sun-up to sun-down.

You never cover Sunlight Sash

You can throw away all mats and boards. The air cushion between the two layers of glass affords ample protection in all kinds of weather. Glass is held in place without party. Can't work loose, easily replaced.

Agents wanted. Write for propositions.

Send for these two books

1. Our Free Catalog, containing freight prepaid and guaranteed delivery proposition.
2. Send 4c in stamps for a valuable booklet on hot-bed and cold frame gardening by Prof. W. F. Massey. There is no higher authority in the country.

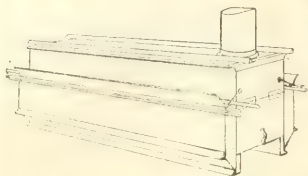


## SUNLIGHT DOUBLE GLASS SASH CO.

934 E. Broadway,  
Louisville, Ky.



# 20th Century Soil Sterilizing Furnace



**For Sterilizing Soil, Killing All Weed Seeds, Insects, Worms and Fungus.**

It holds the soil to be sterilized at sides as well as top, and a very little fuel is needed. Made of heavy Sheet Iron, reinforced with Angle Iron, and is strong and durable. It is 2 feet wide, 2 feet high and 9 feet long, and heats the soil thoroughly without having to be stirred or manipulated.

Price, 70.00, but will make a special offer to introduce to the first buyer in any locality. **SEND FOR CIRCULAR.** Patented Nov. 22, 1910.

**F. WALKER & CO.,**

**634 Fourth Ave.,**

**LOUISVILLE, KY.**

The Climax Manufacturing Company's  
Special Sale of

## Cut Flower Boxes

Look over our Freight Paid Prices before placing your Order

**WRITE FOR PRICES ON VIOLET BOXES.**

The Florists' Favorite Grade of Cut Flower, Design, Pillow and Shipping Boxes are made from Heavy Manila board, FULL TELESCOPE, therefore strong and rigid. For shipping purposes they cannot be equalled. Sizes and prices as follows:

| Size        | Per 100 | 20x20x8                                                                                              | 10.00 |
|-------------|---------|------------------------------------------------------------------------------------------------------|-------|
| 115x5x3     | \$2.25  | 22x22x8                                                                                              | 12.00 |
| 120x4x3     | 2.25    | 24x24x8                                                                                              | 13.50 |
| 121x5x3     | 2.75    | 22x22x10                                                                                             | 16.00 |
| 121x7x3 1/2 | 3.25    | 24x24x10                                                                                             | 18.00 |
| 124x5x3 1/2 | 3.00    | 28x28x10                                                                                             | 22.50 |
| 20x12x4     | 4.50    | 30x30x10                                                                                             | 24.00 |
| 24x8x4      | 4.00    | 18x10x8                                                                                              | 8.00  |
| 128x8x4     | 4.50    | 20x15x8                                                                                              | 10.00 |
| 128x8x5     | 5.00    | 24x18x8                                                                                              | 12.00 |
| 28x8x6      | 6.00    | 28x22x8                                                                                              | 13.50 |
| 28x12x4     | 6.50    | 30x15x8                                                                                              | 13.50 |
| 28x15x5     | 7.25    | 26x20x10                                                                                             | 16.50 |
| 130x5x3 1/2 | 3.75    | 36x14x10                                                                                             | 18.50 |
| 130x10x6    | 7.50    | 42x8x7                                                                                               | 11.00 |
| 130x12x7    | 9.00    | Printing cannot be done on these large boxes. However, we furnish labels under same conditions as if |       |
| 136x8x5     | 6.50    | regularly printed on boxes.                                                                          |       |
| 136x8x5 1/2 | 9.00    |                                                                                                      |       |
| 16x16x8     | \$8.00  |                                                                                                      |       |
| 18x18x8     | 9.00    |                                                                                                      |       |

Sizes marked with a † are also made in "White" Patent Coated board, listed as White Carnation. Sizes marked with a \* are also made in "Green" listed as Nonpareil. These two Grades are made with lid covers only, 2 1/2 in. deep and the prices are the same as the Favorite Grade listed above.

Artistic Printing done free, in one color. In lots of 300 or more. Extra Charge of \$1.00 to less quantity. Two Colors, gold or green bronze double charge.

WE PAY FREIGHT on orders of \$15.00 or more east of the Mississippi River, west of this boundary line, we pay to the River. In addition to this a SPECIAL DISCOUNT of 10 per cent. is allowed on orders for 1,000 or more assorted sizes.

TERMS: CASH WITH ORDER. We allow an extra 5 per cent. discount. Concern who are worthy of Credit we can ship on 30 days' time, but no discount will be allowed unless the invoice is paid within ten days from the date thereof and only at the rate of 2 per cent. Send us a Trial Order To-Day! Our boxes will please you. Quick Shipment is OUR HOBBY.

Address

The **CLIMAX MANUFACTURING CO.**

225 Factory St., CASTORLAND, N. Y.

New England Office. 141 Milk St. Boston, Mass.

**JACOB BRUNNER, Mgr.**

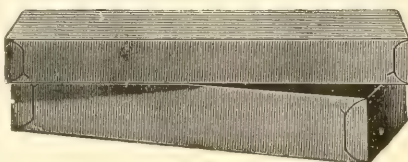
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## Trade Directory

PRICE: \$3.00, postpaid.

**AMERICAN FLORIST CO.**

324 Dearborn St., CHICAGO



**CUT FLOWER  
—AND—  
Design Boxes**

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,  
MILWAUKEE.**

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## New Imported Florists' Baskets

Our line of baskets contains many absolutely new designs that have never been seen in this country. It is all freshly imported stock from Europe, and is the work of true artists. Let us send you a sample trial order. We know we can please you. Call and see us when in Chicago. **SEND FOR FREE CATALOG.**

**The Raedlein Basket Co.,**

**713 Milwaukee Ave.,  
near Huron St., Chicago**

## ARTIFICIAL FLOWERS OF PAPER

Beautiful and Inexpensive decorations for Churches, Weddings, etc. Send 50c for full line of samples, with wholesale prices attached.

— Ask for our catalogue —

**The Chicago Artificial Flower Co., 4813-15  
North 40th Ave. Chicago, Ill.**

## H. BAYERSDORFER & CO.



**Florists'  
Supplies.**

1129 Arch Street, PHILADELPHIA, PA.  
Send for our new catalogue.

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## Florists' Refrigerators

Write us for catalog and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you wish it for display or only for storage.

**McCray Refrigerator Co.**

269 Lake Street, KENDALLVILLE, IND.  
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## REED & KELLER,

122 W. 25th St., NEW YORK.

**FLORIST'S SUPPLIES.**

We Manufacture all Our Metal Designs, Baskets, Wire Work, and Novelties, and are dealers in Glassware, Pottery, Decorative Greens and all Florists' Requisites.

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**KRICK'S**  
**Florist Novelties**  
Manufacturers and Patentees of The Only Genuine Immortelle Letters on the market. Order at once  
**CHAS. AUG. KRICK, 1164-66  
Greene Avenue,  
BROOKLYN, N. Y.**  
Every letter marked.

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## BUCHBINDER BROS.,

518-20 Milwaukee Ave., CHICAGO.

**Florists' Ice Boxes**

Manufacturers and Dealers of

**Store and Office Fixtures.**

Tel. Monroe 5616.

# Tobacco Paper "Nico-Fume" LIQUID

IS THE  
STRONGEST  
BEST PACKED  
EASIEST APPLIED

|                  |         |
|------------------|---------|
| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 3.50    |
| 288 sheets.....  | 6.50    |
| 1728 sheets..... | 35.10   |

Furnishes the  
Most Nicotine for the Money!

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

OVER 40% NICOTINE

By far the  
CHEAPEST  
JUST NOTE PRICES

|                |         |
|----------------|---------|
| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 47.25   |



THE BEST  
Bug Killer and  
Bloom Saver

For PROOF  
Write to

P. R. PALETHORPE  
COMPANY,  
Owensboro, Ky.

green flies and  
black ones too

are easy to kill with  
The Fumigating Kind Tobacco Powder  
\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
not dare to guarantee?  
THE H. A. STOOTHOFF CO., MOUNT VERNON, N. Y.



SPLIT CARNATIONS

Quickly, easily and  
cheaply Mended.  
No tools required.

Pillsbury Carnation Staple

2000 for \$1.00 postpaid.

I. L. PILLSBURY  
Galesburg, Ill.

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**Superior**  
Crimped  
Invisible **Carnation Staple**  
(PATENT APPLIED FOR.)

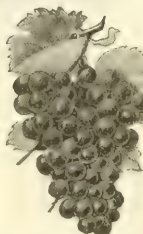
For repairing split carnations. 1000 for 50 cents  
Postpaid. Sample free.

L. J. WAITE, 293 Main St., Springfield, Mass.  
Mention the American Florist when writing

**Wired**  
**Toothpicks**

10,000, \$1.75; 50,000, \$7.50. Manufactured by  
W. J. COWEE, Berlin, N. Y.  
Sample free. For sale by dealers.

Always mention The American Florist  
when you order stock.



PERFECT PLANT FOODS.

**THOMSON'S** Vine, Plant and  
Vegetable **MANURE**

Unvalued for vines, tomatoes, cucumbers, all flowering foliage and  
fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30  
years. The result of many years of practical experience.

Sold by leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure,  
An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write  
for our special offer to the American trade. Agents' cir-  
culars, pamphlets, etc. to sole makers.

Also **Pure Scotch Soot** Write for  
Exporters of prices, etc.  
**Wm. Thomson & Sons, Ltd.,** Tweed Vineyards,  
Clovenfords, Scotland.

## The Mastin Automatic Whitewash and Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass.  
The pump is of brass throughout, simple and powerful.  
The mixing device keeps the contents of the tank well stirred up from  
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When the machine is filled to within six inches of the top, a few strokes  
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Toronto.

A SHORTAGE IN ROSES.

Exceptional business and unfavorable dark weather have made a decided shortage in roses, in American Beauties the cut is very limited, while Killamey, Richmond, Bridesmaid and Brides are not nearly plentiful enough to go around. The stock that is coming in is of exceptional good quality and a much larger cut is promised by the middle of the month. The cut of carnations is increasing daily and the quality of the best; prices are receding somewhat and will get down to normal soon. Violets are now at rock bottom and the cut-rate stores are in their glory with fairly good stock selling at three bunches of twenty-five each for fifty cents. Orchids are in heavy supply, good demand and at reasonable prices. Cattleyas trianae and Percivaliana, Laelia autumnalis, anceps and albida, Dendrobium Wardianum, nobile and crassinode, Lycaste Skinneri and cypripediums in variety give an idea of the extensive scale on which they are now grown in this section. Lily of the valley is fine and plentiful, lilies in fair supply and bulbous stock of all varieties, with a good assortment of flowering plants. With the exception of smilax, green goods are scarce.

NOTES.

There is an epidemic going the rounds and the bug is to get into the retail flower business; each few days sees a new victim, and all told, they number 65, though the civilian could number them on one hand. What an elegant field for new subscribers, but they balk at the two dollars per annum.

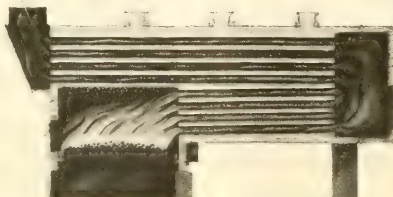
It has been arranged that the next florists' meeting, March 21, will be a social one, and your families and friends are invited to come with you. President Adams, whose vocal attainments are well known, has an elaborate programme, and the refreshment committee are well able to look after the inner man.

W. E. Mackay had a week's outing at Buffalo looking up stock. Manager Geraghty, of Dunlop's, also put in the week-end there.

Representatives of Bayersdorfer's and Rice's, of Philadelphia, and of Schloss Bros., New York, were here recently. H. G. D.

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# THE AMERICAN FLORIST



*America is "the Prow of the Lessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, FEBRUARY 18, 1911.

No. 1185

## THE AMERICAN FLORIST

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### SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—GEO. ASMUS, Chicago, President;  
RICHARD VINCENT, JR., Baltimore, Md., Vice-  
Pres.; H. B. DORNER, Urbana, Ill., Sec'y; WM.  
F. KASTING, Buffalo, N. Y., Treas. Adjourned  
meeting at Boston, Mass., March 31-April 1,  
Second National Flower Show, Boston, Mass.  
March 25-April 1, 1911. Chester I. Campbell,  
Manager, 5 Park square, Boston, Mass.  
Annual Convention at Baltimore, Md., August,  
1911.

### CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition in conjunction  
with the St. Louis Horticultural Society, St.  
Louis, Mo., November, 1911. ELMER D. SMITH,  
Adrian, Mich., President; C. W. JOHNSON,  
Morgan Park, Ill., Secretary.

### THE AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at  
Boston, Mass., March 29-30, 1911. FRED. BURKE,  
Pittsburg, Pa., President; A. F. J. BAUR, Thirty-  
eight St. and Senate Ave., Indianapolis, Ind.,  
Secretary.

### AMERICAN ROSE SOCIETY.

Next annual meeting and exhibition at Boston,  
Mass., March 27-28, 1911. WM. H. ELLIOTT, Brighton,  
Mass., President; A. FARENWALD, Roslyn, Pa.,  
Vice President; BENJAMIN HAMMOND, Fishkill-  
on-Hudson, N. Y., Secretary.

### NATIONAL SWEET PEA SOCIETY.

Next meeting and exhibition at Boston, Mass.,  
March 28, 1911. W. ATLEE BURFEE, Philadelphia  
President. HARRY A. BUNYARD, 342 W. Four-  
teenth St., New York, Secretary.

### AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 1911.  
B. H. FARR, Reading, Pa., President; A. H.  
FEWKES, Newton Highlands, Mass., Secretary.

### AMERICAN GLADIOLUS SOCIETY.

Next meeting and exhibition at Boston, Mass.,  
March 30-1911. L. S. HENDRICKSON, Floral Park,  
N. Y., President; L. MERTON GAGE, Orange,  
Mass., Secretary.

## ILLINOIS STATE FLORISTS

### Fifth Annual Convention.

The fifth annual convention and exhibition of the Illinois State Florists' Association was held in the buildings of the University of Illinois at Champaign, February 8 and 9, and while the attendance was not quite as large as that of last year, yet the enthusiasm and interest shown was of the highest quality. There were visitors from all over the state and from Indiana, Missouri, Iowa and Kansas. The meetings were well attended, especially during the second day, when the interesting papers were read, and these were all freely discussed, the essayists being closely questioned to explain their papers. Everybody was greatly interested in the experiments in carnation and rose culture which are being carried on in the greenhouses at the university and which was fully covered in the excellent paper read by Professor H. B. Dörner, and as soon as the session on the first day was closed there was a general movement to this splendid range of greenhouses, and the entire party remained until darkness gathered, inspecting the plants and carefully studying, to the best of their ability, the effects of the different fertilizers. The benches of plants are divided into small sections, each lot having been fed with different combinations of artificial fertilizers and an accurate account of the production and cultural effect of each section being carefully recorded. The thorough and practical manner in which this work has been done cannot fail to be of great benefit to all who are interested in plant culture. There was great interest taken by all those present in these experiments and as well in all the meetings and the work of the society.

The opening session was called to order in one of the rooms of the College of Horticulture on the afternoon of February 8 by President Washburn, and the routine business completed consisting of the president's address, reports of the secretary and treasurer and the advisory committee which were read and approved. A very spirited discussion on the advisability of

holding a banquet in connection with the conventions was participated in by those present. The report of the treasurer showed the receipts to be \$122.00 and the expenditures \$182.25, with a balance on hand of \$118.25. The advisory committee reported that during the year a new boiler had been installed, and a small new greenhouse built, and in addition to the experiments on carnations which had been continued, experiments of like nature on the culture of roses had been inaugurated.

The convention re-assembled on Thursday morning, Vice-President Loveridge occupying the chair. The attendance was much larger than on the opening session. The paper by J. C. Vaughan of Chicago on "Live Issues for the Florist" was then read, which was followed by a paper entitled, "Some New Things," by E. G. Hill of Richmond, Ind. Prof. H. B. Dörner then read a very thorough and interesting paper on the "Work at the Experimental Greenhouse," which he explained by the use of the blackboard, and this was followed by a very earnest and interrogatory discussion. After the reading of the papers and the discussion thereon a business session was enjoyed. The reports of the committee on the president's address and of the judges of the exhibition were read and adopted. On motion of C. L. Washburn it was voted that the secretary be paid a salary of \$50 per year, which was carried. The suggestion in the president's address that the date of the meeting be changed was then taken up by request of President Washburn, who desired that the executive committee be instructed to make the date later in the season but after considerable argument it was decided to leave the entire matter to the discretion of the executive committee. The election of officers resulted in the unanimous choice of the present officers:

C. L. Washburn, Chicago, president.  
Chas. Loveridge, Peoria, vice-president.

J. F. Ammann, Edwardsville, secretary.

F. L. Washburn, Bloomington, treasurer.



**Address by President Washburn.**

To the Members of the Illinois State Florists' Association:

This is our sixth annual convention and each year has seen a steady growth of this association. We, in this state, have had a very prosperous year and can congratulate ourselves in this respect when comparing ourselves with the trade in the east, and also with some other lines of business. Your association is becoming one of the recognized industrial associations of this state and was called on in conjunction with the Chicago Commercial Association, the Illinois Manufacturers' Association and a number of other associations to join in a protest to the Illinois Board of Railway and Warehouse Commissioners against the express companies regarding their high rates. After a long hearing of the case the Board ordered a reduction of 20 per cent on all express rates in this state. This action of the Board was immediately contested with an injunction on the ground that the Board had no jurisdiction over the express companies. This, however, will be decided in a short time and I am told that there is no doubt that the express companies will lose their case. They have gotten out the injunction to gain time and possibly compromise on a better basis. The work of this association devolves largely on the secretary, and as he must give up a large amount of his time without any remuneration whatever, I would suggest that the secretary be allowed a salary of fifty dollars per year. This will not begin to repay him for the time he is compelled to spend on the work of this society, but will help out a little.

The time of holding our meeting is inconvenient to most of us for during the latter part of January and the first two or three weeks of February, we are right in the midst of our busiest season and it is like pulling teeth to get a florist to leave his business when it is very active. I think if our meetings were held along in the first half of March, that more would attend, and certainly a larger amount of flowers would be available for an exhibit. A discussion of this point should bring out some good ideas on this subject.

The matter of federal inspection of plants and manetti at seaboard points should be taken up so that when an import shipment has once been inspected at the port of entry, there, that should be sufficient to carry it into any state. This is a matter which has bothered a number receiving shipments direct from across the water. Some of the committees which were appointed at our last meeting have only partially completed their work and I would recommend that they be re-appointed so as to be able to finish up what has been started. This association is very much indebted to the officers of this University for their courtesy and generous treatment of our work and needs. The work of the testing station here is a great attraction for all of us and should be a practical help for all growers.

**Secretary Ammann's Report.**

Your secretary begs to report that but one annual member was added to the list during the past year. We have, however, fared better in life members, as we have increased the number by enrolling six to date, these latter, however, are old members who simply

transferred from annual to life membership. Your secretary inaugurated a campaign for life members during the last year in response to which we have only added the above number. The matter of funds for our society is becoming quite an important factor, and your secretary is at a loss to know how to get the members to respond promptly with their dues; we now have over 100 members owing back dues from two to three years. It seems that with no expense, except for stationery, stamps and some printing, it requires the greatest kind of economy to show a small balance in the treasury. It is with much regret I make such a report, but this must, however, be impressed on our members, as with a depleted treasury any society, I feel, will soon find its doom. This organization stands for much



J. F. Ammann.

Secretary Illinois State Florists' Association.

good, and if the members at large will only show some interest, and have a little patience, our experimental work now being carried on at the station greenhouses, will be of great value when once disseminated. This work alone will repay us many times over for what little we contribute to this organization. So I beg the indulgence of the members just a little while longer; this is a great work and it takes time to work out even one experiment. I appeal to all those in arrears to be prompt in the payment of their dues. It is with deep regret I report the death of J. F. Klimmer of Chicago, who was a member of this association.

I am glad to report, through the efforts made by other organizations and by our worthy president, C. L. Washburn, the Interstate Railroad Commission has seen fit to lower the express rates 20 per cent, which I understand is to go into effect in the very near future. There is much more good to be accomplished along similar lines, but we should have the hearty co-operation of all the members.

Our experimental work, referred to above, is making good progress, and every florist in the state should visit the greenhouses here at Urbana sometime during the growing season, and thereby keep in touch with this im-

portant work. The secretary again extends thanks to the trade papers for their willingness to publish matters for the good of this association.

**The Exhibition.**

The exhibition was a center of attraction throughout the two days of the convention not only to the members of the association but to the public. The hall was open to everybody between the hours of three in the afternoon and ten in the evening, and many of the students of the University and the townspeople took advantage of the opportunity to look at the beautiful display. The novelties were of course the magnet for the tradespeople and there was always a group of interested spectators before the rose exhibit of the E. G. Hill Co., the vase of Washington exhibited by the Chicago Carnation Co. and the new varieties shown by the F. Dornier & Sons Co. The vase of variegated seedling shown by the Mount Greenwood Cemetery Association also attracted a great deal of attention. The display was certainly a great credit to the Florists' Association and the quality of the exhibits was of the highest.

**Judges' Report.**

ROSES AND CARNATIONS SCORED.

E. G. Hill Co., Richmond, Ind.—Mrs. Aaron Ward, coppery yellow rose, 86 points; Sunburst, coppery yellow rose, 90 points; Bonfire, scarlet carnation, 86 points.

Chicago Carnation Co., Joliet.—Washington, 87 points; Princess Charming, 86 points.

F. Dornier & Sons Co., La Fayette, Ind.—No. 113-07, 85 points; Gloriosa, 86 points; White Wonder, 85 points; all of which were awarded the society's certificate.

**HONORABLE MENTION.**

A. C. Brown, Springfield.—A very extensive display of carnations, including White Enchantress, Sangamo, Dorothy Gordon, J. Whitcomb Riley, Optimo, Mrs. C. W. Ward, White Perfection, Enchantress and pink seedling Clara Mae; also vase of Richmond roses.

Mount Greenwood Cemetery Association.—Seedling No. 4405-A and a vase of mixed seedlings, some of which look very promising.

Henry Baer, Peoria.—Vases of White Enchantress, Enchantress and Rose Pink Enchantress.

Chicago Carnation Co., Joliet.—Vases of Enchantress, May Day, Sangamo, White Enchantress, Mary Tolman and bright red seedling No. 186, which looked very promising.

Baur & Smith, Indianapolis, Ind.—Vase of crimson carnation Pocahontas.

Charles Loveridge, Peoria.—Vases of Rose Pink Enchantress, Enchantress, White Enchantress, Beacon and O. P. Fasset; violets, Princess of Wales and Gov. Herrick, and Golden Spur narcissus.

H. Washburn & Son, Bloomington.—Princess of Wales violets and several vases of Paper White narcissus.

August Jurgens, Chicago.—Several vases of Golden Spur narcissus.

Bassett & Washburn, Hinsdale.—Vase of carnation O. P. Bassett and vase of seedling carnations and Lilium Formosum.

F. B. Smith & Son, Danville.—Display of violets Gov. Herrick, cyclamen and Primula obconica.

Bertermann Bros., Indianapolis, Ind.—Vase of J. Whitcomb Riley and pink



CARNATION BONFIRE.

seedling carnation No. 25 which arrived in poor condition.

Vase of rose Rose Queen exhibited by the E. G. Hill Co. arrived in too poor condition to judge.

Asparagus Hatcherii, exhibited by J. C. Hatcher, Amsterdam, N. Y., is useful in covering and will be a valuable addition to the asparagus family.

GEORGE ASMUS,  
W. J. KEIMEL,  
JOSEPH KOHOUT,  
Judges.

#### Convention Notes.

Everybody wanted to see the carnation novelties and Washington was particularly the one everyone wanted to get a line upon.

W. N. Rudd kept the banqueters in good humor, but by the stock of cigars he laid in, some of those who could observe thought he intended to have the exercises extend into the morning.

John Evans was always the center of an interested group and he entertained everybody he met with tales and stories of his European trip. Keep them going, John; they will never grow old.

Dr. Burrill was the star after-dinner speaker; his stories and wit kept the tables in a roar of laughter.

When Phil Foley tried to sit in one of the school chairs and found that they were not built for two hundred pounders everybody smiled, and then when Harry Balsley went through the same experience the smile became audible.

The hotel found it very difficult to accommodate its guests; the arrivals on the early morning train had to be

content with cots, but the florists were fortunate, all securing rooms.

George Franks deserves credit for his hard work and he succeeded in adding to the comforts of many.

The photographer waited all the morning of the second day to get a group picture, but gave it up before the meeting adjourned.

President Asmus and Secretary Dornor did not miss any opportunities to boom the National Flower Show.

Many grasped the opportunity Thursday afternoon to visit the greenhouses in the vicinity.

E. G. Hill was, as usual, the wise counsellor; everyone had a question to ask him and he always had a ready and wise answer.

The collection of plants in the University greenhouses revived the memories of some of the older growers, and they had to scratch their heads to recall the names, once so familiar.

President Washburn's unanimous reelection was a sure sign of his popularity, which was shown all through the meeting.

#### The Banquet.

Members of the association and guests to the number of about 75 assembled in the dining hall of the Beardsley hotel Wednesday evening and participated in a bountiful banquet. W. N. Rudd officiated as toastmaster and his easy and fluent manner made the post prandial exercises a great success. The following were introduced, who entertained those assembled to almost the "wee hours" of the morning: C. L. Washburn, President Asmus of the S. A. F., E. G. Hill, S. P.

Atkinson, representing the Chamber of Commerce; J. F. Ammann; C. P. Mueller of Wichita, Kan.; Charles Loveridge, Dr. Burrill, H. B. Howard, Prof. E. A. White of the Massachusetts Agricultural College, Amherst, Mass.; Prof. H. B. Dornor and George Franks. Dr. Burrill, with his fund of stories, was particularly interesting.

#### Some New Things.

Paper read by E. G. Hill, of Richmond, Ind., before the Illinois State Florists' Association at Champaign, Ill., February 9, 1911.

As the rose has "right of way" by general consent, I will begin by considering a few new varieties, both European and American, which have recently come under my notice.

Juliet—(Wm. Paul & Son) is unquestionably the finest and most distinct of all new roses—it is a garden variety of strong growth, making heavy upright canes and has the good quality of flowering throughout the season. The color is a marvel of glistening yellow, crimson and pink. This variety should make not only a fine rose for the garden, but a beautiful market pot plant. It has a strong infusion of Austrian copper or Persian somewhere in its lineage.

Edward Mawley—(McGredy). This magnificent rose was pronounced by all who saw it at the National Rose Show at Regent's Park as being the very finest of all the hybrid teas. It is a glowing velvety crimson of shapely form, and good texture. If this variety will force, it will be a fine addition to our winter flowering sorts. No rose of recent years has had such a warm reception as was accorded this variety by the English public. It was named for Edward Mawley, the emi-





DISPLAY OF CARNATIONS AT ILLINOIS STATE FLORISTS' CONVENTION.

nent secretary of the National Society. It is worthy of trial under glass.

Rayon d'Or—(Pernet) is one of the most wonderful advances in color among the recently introduced roses and as seen growing by the thousands at Lyons, France in the raiser's garden, was a sight never to be forgotten. It is a distinct Pernetiana variety—dwarf in habit, free flowering, with a brilliancy in its yellow ground color that it is hardly possible to describe; it is frequently marbled and flaked with red. Mr. Pernet is justly proud of this production of his. It, however, belongs among the hybrid Austrian briars and it remains to be seen whether or not it will hold its foliage in our climate.

Beauty de Lyon—(Pernet) was the winner of the Paris Gold Medal last year and a notably strong growing hybrid. This and Juliet should, on account of their extraordinary vigor, make good garden varieties. The color is coral red, shading to yellow; a very strong heavy grower with ample foliage and a flower large, full and globular; a magnificent bedder.

Jonker J. L. Mock—hails from Holland and is one of the strongest in the family; it outgrows every other variety on our benches, and is constantly sending up heavy bottom breaks, each topped with a glorious flower in two tones of color, fiery red within, the outside of petals silvery, rosy white. Of fine rounding form; one of the largest in size; a grand rose. Awarded eight prizes in Europe.

Miss Alice de Rothschild—This is one of the Alexander Dickson varieties and as viewed in the nurseries at Newtownards looked like a veritable dwarf Marechal Neil. This should make a fine bedding or garden rose in this particular line of color, nothing being in greater demand than a deep yellow rose of fine rounded form for the border.

Mrs. Aaron Ward is a rose that compels admiration; first of all, it is a very free grower, producing very handsome glossy foliage in great profusion, which it holds grandly when bedded out, it is one of the freest varieties that we know, and throws good long canes readily; Admiral Ward, the

greatest amateur rosegrower in the country, names it as one of the six best bedders in our trying American climate; in the greenhouse it is a marvel of beauty, for beside having great strength of constitution, beauty and profusion of foliage, it forces readily, is extremely free, can be cut very tight for shipment, and opens beautifully; the color is a deep orange yellow seen in no other rose and develops into a large rosette-shaped flower, glowing orange in the center shading to a medium yellow on the edges; you all know of its popularity in the east; it will soon be found in every forcing establishment.

Another aspirant for favor in the yellow class is Alexander Scott's Melody; which is being accorded a very nice reception by the trade; it is notable for its freedom as a forcing variety, and for its good color; yellow will soon become as popular among

roses as among chrysanthemums, when once it is shown in handsome form and size; we can all remember the day when Marechal Neil and later, Perle des Jardines, were the most popular of cut roses, and a dinner was lacking in elegance without them: Sunrise, Sunset and Joseph Hill would still be fine property for the cut flower man if only they could be grown at a profit.

The Double Killarneys are awakening interest and will be found most useful for summer cutting owing to the additional petalage. Here is one of the very curious incidents regarding the sporting of roses (or other plants); these sports very often appear simultaneously with different growers, as if a given space of time allowed the variation to work to completion; you will remember that the white form of Killarney appeared at several places about the same time; we found it on several of our plants the same year that it originated farther east, though none of our sports proved pure white. Two years ago Richmond sported pink, not a very bright shade, but interesting, so we tried out a dozen plants of it; one of these pink Richmonds sported double, giving just twice as many petals as the average Richmond; early this year, this double Pink Richmond reverted back to the pure crimson scarlet but retained the fullness of petal, so that we now have a finely doubled Richmond which held its form without dropping for full two weeks; we hope to be able to fix this sport, believing that it will be valuable.

Orleans Rose—Here is what the market grower has been looking for a dwarf polyantha that promises to make an ideal pot rose—it is the showiest and prettiest of the pink "Baby" roses; a dainty little variety of beautifully rounded habit, huge bouquet of brilliant bloom, deep cerise with showy center of pure white, florets not crowded, but of beautiful arrangement. The color is irresistible, the plant grows like a weed, and the flowers are nearly "immortelle" in their lasting quality; we believe that they will outlast almost any other rose in existence, with their stiff, paper-like texture. This



VIEW OF EXHIBIT AT ILLINOIS STATE FLORISTS CONVENTION.



ROSE SUNBURST.

pretty little variety took Europe by storm, and will make a sensation as soon as shown in this country; I shall be greatly surprised if its introduction does not mark a new era in the pot culture of roses, and as if especially intended for a companion, is the inexpressibly lovely little *Zelia Bourgeois*, a pure white early flowering "Baby" that is as dense in its mass of snow color as a cherry tree in bloom, and of the utmost symmetry in habit.

*Excelsa*—A *Wichuralana* with the same color as the popular *Crimson Rambler*. This is a veritable crimson or red flowering *Dorothy Perkins* and Mr. Walsh is entitled to great credit for having raised this charming novelty; one of its chief beauties is its glossy persistent foliage, combined with its high color.

Wm. Paul's *Althea*, *Guillot's Marquise de Ganay*, *Pernet's St. Chaure*, *Lowe and Shawyer's Lady Hillingdon*, *Prince d'Arenberg*, (*Souperet* and *Notting*), and *Souv. de Gustave Prat* are all decidedly out of the ordinary, with several others quite as good; it is a notable year for new roses. I realize that there are other aspirants for popular favor both at home and abroad, but I am speaking only of those with which I have had some personal experience. I purposely refrain from mentioning our seedling, *Rose Queen*, which we are now disseminating, and also *Sunburst*, the French variety, which goes out next year, not because I could not say a great deal about them if I were to begin: "A man's seedling roses, and even his adopted novelties, become very dear to his heart."

Following the rose comes the carnation; after the recent symposiums in the trade papers, little is left to say, for they were sifted as the fine dust of the balance; among very recent novel-

ties *Pink Delight* and *Mrs. C. W. Ward* seem absolutely sure of permanent place, *Scarlet Glow* wherever it can be grown with a strong stem, and *Dorothy Gordon* as a substitute for *Rose Pink Enchantress*; it is not only a duty but a privilege to test the few offerings of the present year, as they have promise of outranking in their several colors, and we shall probably soon need substitutes to take the place of the four standards which are now so hard worked in every carnation establishment. *Wodenethe* is one of these aspirants for place, it will be sent out next year; it is probably the most perfect white carnation in existence and those who saw it in 1910 at Philadelphia and at the National Rose Show, will be ready to greet it with open arms when disseminated.

In chrysanthemums we can hardly wait for autumn to roll around to see the *Wells-Pockett* and other accepted novelties display their splendors; it is one of the keenest pleasures of the floral year, and the long wait only whets the appetite. Of last year's novelties, which we are impatient to see again, are the magnificent *Mrs. David Syme*, *R. F. Felton*, *Well's Late Pink* and *Glacier*; strongly entrenched already in favor with the trade as money making "commercials" are *Chadwick Improved*, lovely in its purity of color; *Chas. Razer* a grand white of perfect approved form for shipping; *Cranford Pink*, the pretty early English variety; *Elise Papworth*, a fine all round white for every purpose; *Heston White* and *Winter Cheer*, clean cut and close-clipped, perfect in color tone; to these will be added *Golden Gem*, round as a ball and compact, and the lovely new singles; what interest would be lost to the yearly procession should the "mum family drop out."

Among miscellaneous plants, *Julius Peterson* is to be warmly congratulated on his *Lorraine Begonia Cincinnati*; while surpassing the parent in beauty of habit and of color, its splendid keeping qualities make a satisfactory house plant of wonderful effectiveness and durability, where the parent variety always gave concern for fear it might speedily "go down" on removal from the greenhouse; *Cincinnati* probably ranks as premier of the entire list of pot plants.

*Wilhelm Pfitzer* of Stuttgart has given us a new white gladiolus, *Europa*, which in all probability will rank with America in necessary qualifications for the American trade; this is bound to meet a hearty reception.

Then there is the comparatively new *Heliotrope Centerfleur*; it is worth all the other varieties put together where a mass of glorious color, and waves of fragrance are desired; compact and clean, this variety will give the *heliotrope* a new place as a garden plant. Some cutflower grower will soon take up and grow successfully the lovely double *gypsophylla*, one of the prettiest things that I saw abroad; I am sure that its dainty beauty would make a place for it; it adds grace and elegance to any bunch of flowers where it is used. To *Antoine Winter* belongs the credit of producing the finest cannas in existence, excepting only *King Humbert*; his *Venus* was a revelation to every one who planted it, and now he has made a further record with *Mrs. Alfred Conard*, a lovely peach pink with petals as long as they are broad—the canna is no longer a foliage plant only, but is now a blooming bedder producing the most stunning color effects procurable.

Nothing can excite more enthusiasm among plantmen than the very excellent new hydrangeas raised by *Mouillere* and *Lemoine*; these varieties



## Chrysanthemum Society of America.

Review of the Work of the Examining Committees for the Season of 1910.

| Name of Variety             | Where Shown  | Date    | Exhibited by                           | Color             | Type      | Scale | Color | Form | Fullness | Stem | Pollage | Substance | Depth | Size | Total |
|-----------------------------|--------------|---------|----------------------------------------|-------------------|-----------|-------|-------|------|----------|------|---------|-----------|-------|------|-------|
| Smith's Advance             | Cincinnati   | Aug. 27 | Elmer D. Smith & Co., Adrian, Mich.    | White             | Jap. Ref. | Com.  | 18    | 12   | 10       | 15   | 10      | 13        | ..    | 8    | 86    |
| Unaka                       | "            | Oct. 8  | "                                      | Pink              | Inc. Jap. | Com.  | 18    | 12   | 10       | 15   | 13      | 13        | ..    | 9    | 90    |
| Chrysolora                  | "            | Oct. 15 | "                                      | Yellow            | "         | Com.  | 19    | 13   | 10       | 15   | 13      | 14        | ..    | 10   | 94    |
| "                           | Chicago      | Oct. 22 | "                                      | "                 | "         | Com.  | 18    | 14   | 10       | 15   | 13      | 14        | ..    | 9    | 93    |
| "                           | New York     | Oct. 15 | "                                      | "                 | "         | Com.  | 18    | 14   | 10       | 14   | 14      | 14        | ..    | 9    | 93    |
| "                           | New York     | Oct. 15 | "                                      | "                 | "         | Ex.   | 9     | 12   | 15       | 5    | 5       | ..        | 12    | 29   | 87    |
| "                           | Boston       | Oct. 22 | "                                      | "                 | "         | Com.  | 18    | 14   | 9        | 13   | 12      | 14        | ..    | 8    | 90    |
| "                           | Philadelphia | Oct. 22 | "                                      | "                 | "         | Ex.   | 9     | 13   | 13       | 5    | 4       | ..        | 12    | 28   | 84    |
| "                           | Philadelphia | Oct. 24 | "                                      | "                 | "         | Com.  | 18    | 13   | 9        | 13   | 12      | 14        | ..    | 9    | 89    |
| "                           | Philadelphia | Oct. 24 | "                                      | "                 | "         | Ex.   | 8     | 14   | 14       | 4    | 3       | ..        | 14    | 31   | 88    |
| Dick Witterstaetter         | Cincinnati   | Oct. 28 | "                                      | Crimson           | Jap. Ref. | Com.  | 18    | 13   | 8        | 14   | 12      | 13        | ..    | 8    | 86    |
| "                           | "            | Oct. 28 | "                                      | "                 | "         | Ex.   | 9     | 14   | 14       | 4    | 3       | ..        | 14    | 31   | 88    |
| Roman Gold                  | "            | Nov. 5  | "                                      | Deep Yellow       | Inc. Jap. | Com.  | 20    | 13   | 8        | 13   | 12      | 13        | ..    | 9    | 88    |
| "                           | Chicago      | Nov. 12 | "                                      | "                 | "         | Ex.   | 10    | 13   | 13       | 4    | 4       | ..        | 13    | 30   | 87    |
| Paper White                 | "            | Nov. 12 | "                                      | White             | "         | Com.  | 19    | 14   | 9        | 13   | 10      | 14        | ..    | 8    | 87    |
| Pink Gem                    | "            | Nov. 12 | "                                      | Pink              | "         | Com.  | 18    | 14   | 9        | 15   | 13      | 14        | ..    | 8    | 91    |
| Nontero                     | "            | Nov. 12 | "                                      | Light Pink.       | "         | Com.  | 17    | 14   | 10       | 14   | 14      | 13        | ..    | 7    | 89    |
| Natoma                      | "            | Nov. 12 | "                                      | Pink              | "         | Com.  | 16    | 13   | 8        | 14   | 13      | 13        | ..    | 9    | 86    |
| Poughkeepsie                | "            | Nov. 12 | "                                      | White             | "         | Com.  | 18    | 13   | 7        | 13   | 13      | 14        | ..    | 9    | 87    |
| "                           | Morristown   | Nov. 2  | "                                      | "                 | "         | Ex.   | 7     | 10   | 15       | 3    | 3       | ..        | 10    | 25   | 73    |
| "                           | Chicago      | Nov. 12 | "                                      | "                 | "         | Ex.   | 8     | 13   | 13       | 3    | 3       | ..        | 13    | 32   | 85    |
| Lenox                       | Morristown   | Nov. 2  | "                                      | Yellow            | Jap.      | Ex.   | 9     | 13   | 15       | 4    | 4       | ..        | 13    | 30   | 87    |
| Tarrytown                   | "            | Nov. 2  | "                                      | Pink              | "         | Ex.   | 7     | 11   | 12       | 4    | 4       | ..        | 11    | 20   | 69    |
| Thanksgiving Queen          | Cincinnati   | Nov. 19 | "                                      | White             | "         | Com.  | 16    | 12   | 8        | 15   | 13      | 15        | ..    | 10   | 89    |
| "                           | "            | Nov. 19 | "                                      | "                 | "         | Ex.   | 8     | 13   | 13       | 5    | 4       | ..        | 12    | 32   | 87    |
| "                           | Chicago      | Nov. 19 | "                                      | "                 | "         | Com.  | 18    | 13   | 8        | 14   | 12      | 14        | ..    | 9    | 88    |
| December Gem                | "            | Dec. 3  | "                                      | White Shaded Pink | Inc. Jap. | Com.  | 17    | 14   | 9        | 14   | 10      | 15        | ..    | 10   | 89    |
| December Gem                | Cincinnati   | Dec. 3  | "                                      | "                 | "         | Com.  | 15    | 12   | 10       | 13   | 8       | 14        | ..    | 9    | 81    |
| F. E. Nash                  | New York     | Oct. 22 | Affred J. Loveless, Lenox, Mass.       | Blush             | Jap.      | Ex.   | 7     | 13   | 14       | 4    | 4       | ..        | 13    | 30   | 85    |
| Pioneer                     | Boston       | Nov. 5  | "                                      | Light Pink        | "         | Ex.   | 8     | 15   | 13       | 5    | 5       | ..        | 13    | 29   | 88    |
| "                           | "            | Nov. 5  | "                                      | "                 | "         | Com.  | 18    | 13   | 9        | 15   | 12      | 13        | ..    | 8    | 88    |
| Golden Gem                  | Chicago      | Oct. 29 | E. G. Hill Co., Richmond, Ind.         | Yellow            | Inc.      | Com.  | 18    | 14   | 9        | 14   | 13      | 13        | ..    | 8    | 89    |
| R. F. Felton                | "            | Oct. 29 | "                                      | "                 | Inc. Jap. | Com.  | 20    | 13   | 9        | 10   | 10      | 15        | ..    | 10   | 87    |
| "                           | "            | Oct. 29 | "                                      | "                 | "         | Ex.   | 8     | 13   | 13       | 4    | 4       | ..        | 10    | 33   | 87    |
| Driftwood                   | New York     | Nov. 9  | Thos. Aitichenson, Mamaroneck, N. Y.   | Light Yellow      | Jap.      | Ex.   | 8     | 12   | 14       | 5    | 4       | ..        | 12    | 30   | 85    |
| No. 14-09                   | Cincinnati   | Oct. 22 | Raepe & Rieman Co., Indianapolis, Ind. | Magenta Pink      | Jap. Ref. | Com.  | 13    | 12   | 8        | 12   | 13      | 13        | ..    | 6    | 77    |
| No. 13-09                   | "            | Oct. 22 | "                                      | White             | Inc. Jap. | Com.  | 16    | 10   | 8        | 14   | 12      | 10        | ..    | 7    | 77    |
| No. 3-09                    | "            | Oct. 22 | "                                      | "                 | Jap. Ref. | Com.  | 17    | 11   | 7        | 13   | 13      | 8         | ..    | 6    | 75    |
| No. 3-09                    | Chicago      | Oct. 22 | "                                      | "                 | Jap. Ref. | Com.  | 18    | 10   | 7        | 12   | 14      | 10        | ..    | 7    | 73    |
| No. 64-09                   | "            | Oct. 22 | "                                      | "                 | Inc. Jap. | Com.  | 15    | 10   | 7        | 13   | 12      | 10        | ..    | 7    | 74    |
| Sport from Glory of Pacific | Philadelphia | Oct. 13 | Henry Weber & Sons Co., Oakland, Md.   | "                 | Jap. Ref. | Com.  | 17    | 13   | 8        | 14   | 13      | 13        | ..    | 8    | 86    |
| Hosier Maid                 | Cincinnati   | Nov. 5  | H. W. Riemann, Indianapolis, Ind.      | "                 | Jap. Ref. | Com.  | 18    | 12   | 9        | 13   | 12      | 12        | ..    | 6    | 82    |
| Gerald Hascheke             | Chicago      | Nov. 12 | Mrs. B. Hascheke, Dayton, Ohio         | Crimson           | Jap. Ref. | Com.  | 18    | 12   | 9        | 13   | 13      | 13        | ..    | 7    | 80    |
| "                           | Chicago      | Nov. 12 | "                                      | "                 | Inc. Jap. | Com.  | 18    | 13   | 7        | 12   | 13      | 14        | ..    | 8    | 85    |
| Chadwick Supreme            | Boston       | Nov. 26 | A. N. Pierson, Inc., Cromwell, Conn.   | Pink              | Inc. Jap. | Com.  | 18    | 12   | 7        | 12   | 12      | 12        | ..    | 7    | 80    |
| "                           | New York     | Nov. 26 | "                                      | "                 | "         | Com.  | 17    | 10   | 8        | 13   | 13      | 13        | ..    | 5    | 79    |
| "                           | Philadelphia | Nov. 26 | "                                      | "                 | "         | Com.  | 16    | 13   | 8        | 13   | 13      | 14        | ..    | 9    | 86    |
| "                           | Chicago      | Nov. 26 | "                                      | "                 | "         | Com.  | 18    | 13   | 9        | 14   | 13      | 13        | ..    | 7    | 87    |
| "                           | Cincinnati   | Nov. 26 | "                                      | "                 | "         | Com.  | 15    | 10   | 9        | 14   | 13      | 13        | ..    | 8    | 82    |
| Minta                       | "            | Oct. 28 | Elmer D. Smith & Co., Adrian, Mich.    | Pale Pink         | Pompon    | Com.  | 30    | 17   | 18       | 17   | ..      | ..        | ..    | ..   | 82    |
| "                           | New York     | Oct. 28 | "                                      | "                 | "         | Com.  | 35    | 18   | 20       | 19   | ..      | ..        | ..    | ..   | 92    |

Scores possible under scale used (C. S. A. Official)..... Com. 20 15 10 15 15 15 .. 10 100  
 Ex. 10 15 15 5 .. 15 15 100  
 Pompon 40 20 20 .. 100  
 C. W. JOHNSON, Secy

of the Hortensia type are certainly of interest to all who use this useful plant for pot culture. They are crosses between Hortensia, Otaksa, Rosea and others of the class; there has been a long lapse of time between the old Hortensia and the present improvements. Bouquet Rose, Henri David, Mme. Mouillere, Radiant, Mont Rose—these are a few of the ten or a dozen distinct improvements in this noted family of plants.

A striking and beautiful novelty seen at Bruges, Belgium, was the new marguerite, Mrs. F. Sander; it looked much like a chaste and beautiful anemone flowered chrysanthemum; it is a glistening pure white flower produced on long stems. I can imagine no more useful plant either for the production of white flowers or as a pot plant. If it does as well in America as it was growing and flowering at Bruges, it will certainly prove a most valuable commercial plant.

This is far from a complete list of novelty offerings for the year, but enough to engage the time and attention of the progressive florist for the present.

DAYTON, O.—The Florists' Club at the meeting held February 6, decided to have the annual banquet for the members and their ladies at the Phillips, March 1. Horace Frank serves as toastmaster.

## Visitors.

C. F. Addams, Loda.  
 C. F. Ammann, Edwardsville.  
 George Asmus, Chicago.  
 A. M. Augustin, Normal.  
 Harry Balsey, Detroit.  
 C. A. Beatty, Chicago.  
 A. C. Benson, Hinsdale.  
 Irwin Bertermann, Indianapolis, Ind.  
 H. G. Bering, St. Louis, Mo.  
 Emil Bollinger, Lake Forest.  
 A. Bommersbock, Decatur, Ill.  
 A. C. Brown, Springfield.  
 H. D. Caldwell, Danville.  
 Thomas A. Culp, Pekin.  
 William Edwards, Onarga.  
 John A. Evans, Richmond, Ind.  
 P. J. Foley, Chicago.  
 George Franks, Champaign.  
 S. Green, Philadelphia, Pa.  
 C. E. Gullett, Lincoln.  
 R. L. Hall, Mattoon.  
 E. G. Hill, Richmond, Ind.  
 F. E. Holland, Highland.  
 H. B. Howard, Chicago.  
 G. W. Jack, Springfield.  
 C. W. Johnson, Morgan Park.  
 G. Johnson.  
 Harry Johnson, Bloomington.  
 James E. Jones, Richmond, Ind.  
 B. Katzwinkel.  
 W. J. Keimel, Elmhurst.  
 A. D. King, Mattoon.  
 Joseph Kobont, Hinsdale.  
 C. H. Laughlin, Decatur.  
 F. Lautenschlager, Chicago.  
 A. F. Longren, Chicago.  
 Charles Loveridge, Poria.  
 R. A. McPherson, Litchfield.  
 A. J. Mueller.  
 C. P. Mueller, Wichita, Kan.  
 H. S. Mueller, Wichita, Kan.  
 David Nolan, Springfield.  
 Peter Olsen, Joliet.

E. O. Orpet, Lake Forest.  
 W. L. Palinsky, Chicago.  
 Andrew Peterson, Hoopston.  
 L. L. Pillsbury, Galesburg.  
 A. T. Pyfer, Joliet.  
 W. N. Rudd, Blue Island.  
 W. C. Schantz, Pekia.  
 Walter Scott, La Grange.  
 L. S. Spencer, Champaign.  
 William Swinbank, Sycamore.  
 C. L. Washburn, Hinsdale.  
 F. L. Washburn, Bloomington.  
 George Washburn, Bloomington.  
 E. A. White, Ambust, Mass.  
 E. A. Wood, Chicago.  
 R. S. Woodyard, Chicago.

"I am going to plant a hickory tree.  
 And then, when I'm a man,  
 My boys and girls may come and eat  
 Just all the nuts they can!"

"And I shall say, 'My children, dear,  
 This tree that you enjoy  
 I set for you one Arbor Day,  
 When I was but a boy.'"

"And they will answer, 'Oh, how kind  
 To plant for us this tree!'  
 And then they'll crack the fattest nuts  
 And give them all to me!"

The green moss shines with icy glare,  
 The long grass bends its spear-like form,  
 And lovely is the silvery scene,  
 When faint the sunbeams smile.

Reflection, too, may love the hour  
 When Nature, hid in Winter's grave,  
 No more expands the bursting bud,  
 Or bids the flower bloom.  
 For Nature soon, in Spring's best charms,  
 Shall rise revived from Winter's grave,  
 Expand the bursting bud again  
 And bid the flower bloom.



GROWERS OF KIRKWOOD ENTERTAINED BY THE WM. C. SMITH WHOLESALE FLORAL CO., ST. LOUIS, MO., FEBRUARY 11.

## THE PLANTSMAN.

### Azaleas.

The azaleas for Easter will now demand a little attention. It is doubtful if any of the plants will have to be forced or grown in a warm temperature, for the middle of April is very near the time for the plants to naturally bloom. The plants should be given a nice, light location, and spaced far enough apart that there is a free circulation of air through and around them. All the young soft growths should be carefully pinched out as early as can be safely done, or they are very apt to blight the blooms. The plants will require plenty of water and frequent syringing. The earlier and mid-season varieties such as Verveneana, Mme. Van der Cruyssen and Niobe should be grown quite cool, but the late varieties like Bernard Andrea, Prof. Wolters and Dr. Moore may need a little extra heat. Care and judgment must be exercised to have them in condition at the right time. It is often a great question what to do with the plants that are carried over and do not find a customer. Many growers who know how to handle this class of stock and are well equipped, claim that they can produce a better plant the second year than can be bought on the other side, but it takes care and attention to produce this result. If the plants were just pushed into a pot carelessly when imported last fall, they should be repotted in good fibrous or peaty soil,

and given a good position that they may make their growth. They should be pruned into shape and never suffer from want of water. The summer weather is so dry in this country that they will need careful attention all the time, frequent syringing and copious waterings until later in season, when water can be withdrawn a little, in order to cause them to set their buds all at one time. To produce a good plant under our natural conditions is almost impossible, and it is a great question if it is not cheaper and better to throw the old plant away, and depend upon newly imported stock.

### Gloxinias

One of the most beautiful and attractive late spring and summer blooming plants for the greenhouse is the gloxinias. The flowers are of the most beautiful shades of pink, red and purple and even pure white. The plant is very ornamental, and the flowers although very fragile, are still useful and very decorative. They are grown either from seed or propagated by leaves, but the easier way is to procure bulbs which can be bought of any seedsman. In growing the seed the plant is very small the first year and will produce but very few flowers. The handsome plants are all grown from old bulbs. The bulbs should be planted in pots in a good fibrous loam with an addition of one-third leaf mould, the top of the bulb being just even with the soil, the pot being just large enough to hold the

bulb. The plants should be sparingly watered until active growth commences, and, in fact, the only real culture there is in growing gloxinias is in watering them carefully and with good judgment. The hose should never be used, but the plants always watered with the can, and care should be taken that the foliage is never wet, or it will be spoiled, and the appearance of the plant ruined. The plants should never become pot-bound until flowering time, but should be shifted as soon as the roots reach the pot. By starting a few at a time, beginning the middle of February, a succession of beautiful plants may be had throughout the summer. After the plants are through blooming they should be gradually dried off, and the pots placed upon their sides until thoroughly dry, and then the bulbs can be shaken out and stored until the next spring, when they can again be started.

### Cannas.

It is time that the canna roots should now be looked over, and if good strong plants are desired by June 1, the old stools should be divided and the young plants started. Especially is this so of the very dwarf and slower growing varieties. The old stock plants can be cut up to one bud each, but if there is plenty of stock, better plants will be obtained by using larger divisions. These divisions can be placed in pots just large enough to hold the root, or, where a quantity of each variety is grown, they can be placed in flats. A warm temperature



is best suited when they are first divided, and until the buds have broken and the young growths have appeared, when they can be moved into cooler quarters if desired, but the canna is a heat loving plant and does not do well in cold houses. They should never be planted outside until all danger of late frosts has passed.

#### Bouvardias.

The flowers of bouvardia are very useful in late fall or early winter, and to obtain good plants they should be started during February and March. Though they may be propagated by making cuttings of the growing shoots, yet the better and more expeditious way is by making root cuttings. When the plants are through blooming, they should be lifted and the earth shaken off, and the larger roots cut into pieces about an inch long. These can be inserted in the propagating bench, or in pans or flats of light soil covering them to the depth of about an inch. In a temperature of 60° every piece will quickly develop buds and grow into a young plant. As soon as well rooted they should be potted in small pots and grown in a temperature of 60°. By the end of May the plants can be planted out in a cold frame or the open ground or can be grown all summer in a bench in the greenhouse, but if in the latter should have all the air possible and a plentiful supply of moisture. They should be kept well pinched back to make the plants branch, in order to insure a profusion of bloom. Towards the end of September they may be lifted and brought into the house and can be grown either in pots or benches. They should be shaded for a few days until new roots have formed and then be grown in a temperature of about 50°. A great mistake which many growers make is in having them in too warm quarters. They are very subject to both mealy bug and green fly, and should be sprayed once a week with an insecticide. The old plants may be cut back and treated in a similar manner as the young stock. B. Humboldtii is a beautiful white variety with its long flowers and is fragrant, reminding one some of the beautiful *stephanotis*.

#### Coleus.

The stock plants of coleus should now be placed in a warm house where growth can be encouraged, and as soon as the shoots are long enough to make into cuttings the propagation should begin. Plants propagated during February will make fine plants to produce cuttings during April and May. If the cuttings taken now will furnish a good supply, the old plants may be thrown away and the young stock depended upon for the spring propagation. Look the plants over very carefully for mealy bug, for this pest is especially fond of coleus and soon ruins the nicest stock. If there are any on the old plants, syringe them heavily for a few days and get rid of them, and be sure to remove all traces of them from the young stock when placing them in the propagating bed, for if they once get a foothold on the young plants, it is very difficult to get rid of them. Coleus should always be grown in plenty of heat, at least 60°, for if attempted in a cool house a loss of leaves and a stunted plant is a sure result.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### February Flowers in New York.

This month, so far, has seen some notable examples of floral decorative work, untold quantities, almost, of flowers and flowering plants have been used, still the stock never seems to become depleted. The display windows of our larger florists are grand, a continuous show of all that is beautiful and choice in the floral kingdom and, it is quite easy to understand why a flower show that depends upon paid admissions can never be successful here, for the public are too familiar with the ever-changing and brilliant displays set forth by the retailers in their show windows.

At J. H. Small & Sons, the large high windows make big things possible, with a background of specimen palms and many asparagus, magnolias, forsythia, cherry and lilac in big sizes are being featured. In the foreground Dutch hyacinths, large pans of white and blue; tulips in pans, and mounds of cinerarias, chiefly in dark colors, together with azaleas, all tend to make an extremely attractive exhibit.

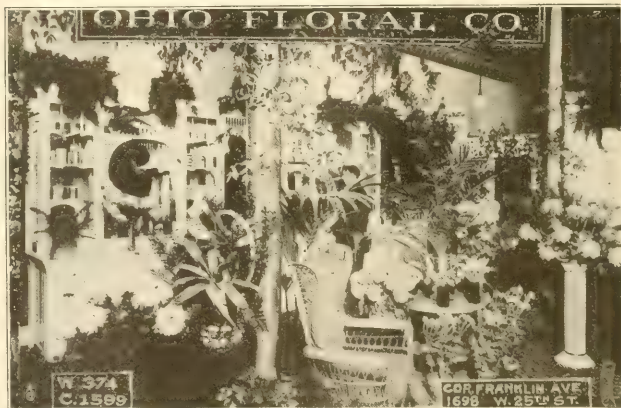
Alex. Warendorf combines cut flowers arranged in baskets with flowering plants, and his show is always attractive. Among the plants are medium sized bougainvilleas, camellias, cyclamens and azaleas of both the evergreen and deciduous types. The cut flowers include baskets of pink tulips and lily of the valley combined, baskets of violets and vases of *Primula obconica*.

At Thorley's massive window effects are always the rule, plants handled

dows and store entrance are decidedly effective these wintry days. Pans of bulbous flowers, azaleas, lilacs, cyclamens, orange trees full of blossoms, acacias, ericas and primulas of various types all artistically blended among palms, ferns and choice store plants, make this establishment one of the beauty spots of Fifth avenue. The above remarks will convey some idea of the flowering plants that are available for this particular season of the year, now a word or two about the cut flowers.

Roses we have in plenty, American Beauty, Richmond, Killarney and White Killarney, Bride and Bridesmaid, Mrs. Jardine, some Perles, Melody, Mrs. P. Morgan, My Maryland, etc., variety and color enough to meet the most exacting taste and, at many of the big social functions, the rose is still held supreme. Some say carnations are losing favor, crimson sorts are not seen so much nor are the red ones so popular, white and light colors are being used for many purposes though, and perhaps the remarks about carnations losing favor are rather far-fetched; still, we hear of extensive decorations being done in roses, and some being done in lilies, but we do not notice anywhere that carnations are the predominating flower, how about it?

For corsage wear there are three forms that are vying with each other for first place; first, there is the gardenia; second, there is the cattleya; and thirdly, there is the combination of single violets and cattleyas; these are all considered to be the correct thing for corsage. Double violets even are not much in vogue for that purpose just now. For the general routine of floral work, the spring flow-



VIEW OF NEW STORE OF OHIO FLORAL CO., CLEVELAND, O.

must be of the biggest possible and otherwise perfect. There are lilacs, bougainvilleas, forsythias, ericas, azaleas, rhododendrons and camellias interspersed amid specimen cybodium ferns and tall growing palms, a seeming forest of tropical verdure and blossoms.

Inside and outside of the Alex. McConnell store always presents an attractive appearance; the evergreens used in the walk flanking the win-

ers are now taking a prominent part. Narcissus Von Sion, the trumpets and Golden Spur, together with the Roman hyacinths all have a place in every management. Lilies, both white and pink, are being used extensively where massive effects are desired. Cattleyas are so common they are utilized in many ways that would not have been thought of a few years ago; of other orchids just now, the supply is quite limited.

For dainty table work we have sweet peas, wall flowers, freesias, forget-me-not, marguerites, white and yellow pansies and lily of the valley. For center pieces snapdragon or cut sprays of acacia are being utilized, while for massing there is an ample supply of cut forsythia, lilac, cerasus and prunus, in fact, decorators for all and every kind of formation find a wealth of most desirable material at hand. For funeral purposes, every flower in the list is perfectly eligible, also one flower not yet mentioned, and that is the calla, outside of a funeral occasion, the calla seems to be the one lonely subject that has no place.

#### St. Valentine's Day at Chicago.

The call for flowers for offerings for St. Valentine's Day kept the florists, especially in the down town stores, very busy all the first days of the week. The supply of flowers was excellent, and there was a large quantity of splendid seasonable stock from which the purchasers of something appropriate for a valentine might select their offering. There was, of course, the usual display of fine roses and carnations, but the greatest showings were in the smaller flowers, and there were quantities of violets, arranged in innumerable combinations with orchids and roses; sweet peas of all the different colors, and these were offered not only in pretty bunches and corsages, but, also, put up in small baskets tied with neat and attractive bows of ribbon that harmonized with the flowers. There was also to be found prettily arranged bunches of forget-me-not, the flower that particularly appeals to the beaux and belles on this day. Cattleyas were to be seen at all the stores but they were about the only variety of the orchid family that were offered in any quantity. White lilac was noticeable in all the windows, and some very handsome sprays were to be seen. Lily of the valley was used in quantity, in bunches and baskets and in combinations with other flowers, and there were also some very well grown pots of this popular flower. Bulbous stock was plentiful, and in great variety, and offered in all shapes, nicely arranged in baskets and growing in pots and pans. There was also a fine assortment of potted plants, azaleas being very attractive, and fine specimens of cyclamen, primulas, prunus and other spring flowering plants. The stores had very busy days both Monday and Tuesday, and the call being largely for arrangements kept all hands, proprietors as well as clerks, on the jump. There were some very pretty window displays and the flowers shown in attractive manner. Cupid, of course, was the typical figure used, and a showing of attractive auxiliaries such as boxes made in heart shape and in different colors, were features of the stores. Old fashioned and colonial bouquets were noticeable everywhere.

Hughes, on the west side, had his usual notable window, for the proprietor of this store has acquired a reputation for the beautiful manner in which he decorates and observes all the national and other holidays. A chariot in which was a young lady distributing valentines and drawn by fifty or more gaudy, large butterflies, was a grand feature. Another window was given to Lincoln, containing a handsome bust of the "great liberator" sur-

rounded with the national colors. Mr. Hughes also had prepared a special valentine box with a beautiful and characteristic cover and, as usual, his pithy and well-told story on a card to mail to his customers.

Canger & Gornley arranged a very pretty window, having nicely arranged baskets and hampers of plants and flowers and colonial bouquets. The baskets of bulbous flowers being especially well put up. Hanging in the window was a cupid and from this

and all the seasonable flowers were to be seen, as well as a splendid line of potted plants, including beautiful azaleas, primulas, cyclamen and some choice pots of prunus.

Samuelson had a most attractive window. A large figure of cupid with his bow of violets and red arrow was standing on one side, backed with a screen of smilax and the window was very effectively arranged, the color scheme being red, making a very bright display. Nicely arranged baskets and



GROUP OF MONTREAL GARDENERS AND FLORISTS.

Taken at an Outing at St. Agathe.

figure extended ribbons to all the different features. The arrangement was very effective and elicited many words of approbation from the passersby.

At Lange's all hands were as busy as could be getting out the many orders, and some very beautifully arranged valentine corsages and bouquets as well as special boxes were being arranged and forwarded. The usual fine assortment of high grade stock, which the store always carries, was attractively displayed.

John Mangel had his showy windows artistically arranged and a large quantity of excellent stock for valentine purposes was to be seen, as well as all the latest accessories for supplying his customers with the novelties of the season. Violets were made a great feature and large quantities of this sweet flower were displayed and sold, being sent out in attractive form. Bohannon had a beautiful assortment and particularly noticeable were the grand display of orchids; the splendid specimens of pot plants, among which were as fine a lot of lily of the valley as one would often see, and the nicely arranged old fashioned bouquets.

At Fleischman's the demand for the beautiful bouquets and corsages for which this house has acquired a reputation in arranging, was exceedingly large and the designers were kept busy putting up the calls for those for valentine offerings. A beautiful line of accessories, including handsome boxes and ribbons, were a noticeable feature. The call for valentine boxes at the E. Wienhoeber Floral Co. was very large

well grown pot plants, as well as the old fashioned bouquets, made a beautiful show. At Muir's were to be seen some very attractive features, notably the well grown pots of lily of the valley and other bulbs, which made the windows very showy. A fine assortment of the flowers adapted to the day were to be found with the usual beautiful accessories which this store always has in stock. W. J. Smyth had a very showy window, including some very handsome plants, and very well arranged old fashioned bouquets.

#### Diseased Carnations.

ED. AMERICAN FLORIST:

We forward you a diseased plant of Sagamo carnation. Can you inform us what is the disease and the remedy?

H. S.

Nebraska.

The roots and main stem of the plant appear to be in good health and we are inclined to believe that the trouble is due to some atmospheric condition, either by escaping gas or by fumes from the boiler. The light color of the green growth would also indicate a treatment of high temperature and insufficient light. There is a presence of stigmamose but we do not think this to be wholly responsible for the condition of the plant.

C. W. JOHNSON.

BROOKVILLE, MASS.—P. O. Burnham has purchased the land and greenhouse owned by Frank Swasey on West avenue.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earliest possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,**  
324 Dearborn St., CHICAGO.

**THIS ISSUE 52 PAGES WITH COVER**

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WE are in receipt of the premium list for the twentieth annual exhibition of the American Carnation Society to be held in connection with the National Flower Show, Boston, Mass., March 28 to April 1. Copies may be had on application to Secretary A. F. J. Baur, Indianapolis, Ind.

THE New York Florists' Club has appointed a committee and is using every effort to aid the passage of the bill before the New York legislature, calling for the appropriation of \$50,000 to erect a suitable range of greenhouses at Cornell University for the purpose of carrying on experiments in the interests of commercial floriculture.

## For the Dahlia Experts.

Does Caleb Powers come from Ohio or is Ohio the native state of Caleb Powers? What's the matter with Caleb anyway?

## National Flower Show.

Final arrangements for the forthcoming Second National Flower Show to be held in Mechanics' Building, Boston, March 25-April 1, are assuming a very satisfactory aspect, and the new schedule is out and will be forwarded immediately to all parties interested.

Almost all the prominent men in the trade have already secured space, and the interest shown in New England and all over the country is very great. A number of very interesting exhibits are coming from foreign countries, and letters received by the management display considerable enthusiasm and a record-breaking attendance is assured.

No dealer can really afford to miss exhibiting in this show, as such an opportunity to present their products to the public was never before offered to the florist trade. A special point is being made to reach the estate owners in New England and from present indications many will attend. This will enable the exhibitors of ornamental plants an excellent opportunity of disposing of their exhibits after the show is over.

## Society of American Florists.

### DEPARTMENT OF REGISTRATION.

As no objections have been filed, public notice is hereby given that the registration of the rose, Yellow Baby Rambler, by Jackson & Perkins Company, Newark, Wayne County, N. Y., becomes complete.

### REGISTRATION OF GERANIUMS.

Public notice is hereby given that Robert Dukelou, of Rochester, N. Y., offers for registration the geraniums described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

### RAISER'S DESCRIPTION.

Dr. E. M. Moore.—Cross between a large, soft pink, single flowered variety, name unknown, and a small dark red, single flowered variety, name unknown. Habit strong and vigorous. Leaves dark green,  $\frac{3}{4}$  to  $\frac{4}{5}$  inches long, and four to five inches wide, with prominent dark bronze zone. Flower clusters on stout spikes 10-12 inches long, prominently surmounting the leaves, with 75 to 100 flowers in a cluster. Individual flowers single,  $\frac{1}{4}$  to  $\frac{2}{3}$  inches across. Color bright vermillion with white eye.

A. B. Lamberton.—Parentage same as above. Habit medium strong. Leaves light green with faintly marked inconspicuous zone, three to  $\frac{3}{4}$  inches long, and  $\frac{3}{4}$  to four inches wide. Flower clusters on very stout spikes 10 to 12 inches long, and prominently surmounting the leaves with 35 to 40 flowers in a cluster. Individual flowers single,  $\frac{1}{4}$  to two inches across. Color bright orange pink with conspicuous white eye.

H. B. DORNER, Sec'y.

February 9, 1911.

## American Rose Society.

The time is drawing near when the big National Flower Show in Boston is becoming a fact. The entries in the first division of the exhibit, that is all but Division B, must be staged Saturday, March 25, 1911, not later than 2 p. m. Division B is to be staged

Friday, March 31, 1911, to be in place not later than 1 p. m. Division B is a display of cut roses to occupy 200 square feet of space and not to contain less than 200 blooms, and decorative greens of any kind, including plants, are permitted.

The Toronto Horticultural Society has sent word that they offer the American Rose Society, their silver and bronze medals as first and second prizes for the best specimens of hardy, climbing roses, exhibited at the spring exhibition. In judging, fragrance to count 33 points.

Eber Holmes, of Montrose, Mass., is manager in charge, and any inquiry for information regarding the show, addressed to him or to the secretary at Fishkill-on-Hudson, N. Y., will meet with prompt attention.

BENJAMIN HAMMOND, Sec'y.

## Massachusetts Agricultural College.

During the past week a variety of subjects have been considered by the students in the short course of floriculture, because of the absence of Prof. White, who attended the meetings of the Illinois State Florists' Association at Champaign, Ill., and visited large commercial places near Chicago.

F. J. Elder, heating expert of Lord & Burnham Co., Irvington, N. Y., spoke February 7 on heating problems, and illustrated his talk by a large number of blue prints, which made the talk very helpful and instructive. February 8, J. K. Shaw, who is in charge of the plant breeding work at the Massachusetts Experiment Station, lectured on the principles of breeding for the improvement of varieties, and February 10, he gave the class a practical exercise in crossing fertilization, carnations and primulas being used for this work. Prof. F. Wm. Rane, the state forester, gave a series of special lectures, February 9, morning, afternoon and evening, on forestry, and the floricultural students were required to attend these. H. D. Haskins of the Massachusetts Experiment Station spoke on commercial fertilizers for greenhouse work, February 10.

During the present week Eber Holmes, of Montrose, will speak on practical methods in rose growing, February 14, and C. H. Totty, of Madison, N. J., on chrysanthemum culture February 17.

## Meetings Next Week.

Boston, Mass., February 21.—Gardeners' and Florists' Club of Boston, Horticultural Hall, Detroit, Mich., February 20, 8 p. m.—Detroit Florists' Club, Cowie Building, 42-44 Gratiot avenue.

Grand Rapids, Mich., February 20.—Grand Rapids Florists' and Gardeners' Club, office of number.

Hartford, Conn., February 24, 8 p. m.—Connecticut Horticultural Society, Council building, Lake Forest, Ill., February 22, 8 p. m.—Horticultural Society of Lake Forest, Council Chamber, City hall.

Montreal, Que., February 20, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west, New London, Conn., February 22.—New London County Horticultural Society, Elks' hall.

Providence, R. I., February 20, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.

Salt Lake City, Utah, February 21.—Salt Lake Florists' Club, Heddatt Floral Co., 114 East Second South street.

Seattle, Wash., February 21.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.

St. Paul, Minn., February 21, 8 p. m.—Minnesota State Florists' Association, 510 Sealing avenue, north.

Toledo, O., February 22.—Toledo Florists' Club.

Toronto, Ont., February 21, 8 p. m.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

Winnipeg, Man., February 22.—Winnipeg Florists' Association.

## Wants, For Sale, Etc

### One Cent Per Word, Cash with Adv.

**For Plant Advn., See Ready Reference Section.**  
Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—By first-class decorator and storeman, capable of handling the very best trade; references.  
Key 390, care American Florist.

**Situation Wanted**—By young German with 3 years' experience in general greenhouse work. Western states preferred. Address  
Key 391, care American Florist.

**Situation Wanted**—Gardener, expert in vegetables, fruits, flowers, shrubs viticulture, etc., wishes position as head gardener or foreman on private place.  
Address Box 542, Whiting, Ind.

**Situation Wanted**—Young man, 26, thoroughly experienced florist and gardener, offers his services to flower stores and nursery; best references. Address  
EDMUND VOHS, 84 Broad St., New York.

**Situation Wanted**—Young man, German, 23, thoroughly acquainted with the trade, desires position as florist and gardener in nursery or private; best references. Address  
PAUL PIETZSCH, 84 Broad St., New York.

**Situation Wanted**—As foreman or manager in up-to-date commercial place, wholesale, or retail; by competent grower of first class stock; life experience; middle aged, married.  
J. H., 712 Greendale St., Meadville, Pa.

**Situation Wanted**—As foreman by a practical grower of cut flowers and plants in a modern place, capable of taking entire charge; a life experience; single; references O. K. Florist.  
59 W. Ontario St., Chicago.

**Situation Wanted**—Head gardener seeks engagement on large private estate; expert in orchids, carnations, chrysanthemums, ornamental plants, fruits under glass and landscaping.  
Key 395, care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address  
Key 392, care American Florist.

**Situation Wanted**—Man of general experience in all lines of work, greenhouses, fruit, flower and vegetable gardening, is open to engagement on private place. For particulars address  
ERNEST GRANT, 122 Marengo St., Forest Park, Ill.

**Situation Wanted**—As a grower of cut flowers and plants in general; life experience; capable of taking charge of state of Washington or Oregon preferred. Please state full particulars in first letter when writing. Address "FLORIST,"  
214 S. Washington, Spokane, Wash.

**Help Wanted**—Man for city retail store with greenhouses in connection.  
Key 396, care American Florist.

**Help Wanted**—At once, greenhouse hands—good potters and for bedding out later in the season.  
MT. GREENWOOD CEMETERY,  
Morgan Park, Ill.

**Help Wanted**—An energetic young man of neat appearance as assistant store clerk; one who has had experience as designer and decorator; must be strictly sober; send references from previous employers and state wages expected in first letter.  
Key 397, care American Florist.

**Help Wanted**—At once experienced grower of all lines of commercial greenhouse stocks, bedding plants and vegetables; wages \$60 per month, increased to \$75 next fall, when will be expected to take charge of small up-to-date plant.  
SASKATCHEWAN GREENHOUSE,  
Prince Albert, Saskatchewan, Canada.

**Help Wanted**—In British Columbia, a good all-around grower for growing a general line of plants and cut flowers. Must be sober and industrious. A permanent position for the right man. Wages \$50 per month, board and room. Send reference and experience in first letter. Address  
Key 393, care American Florist.

**Help Wanted**—A good practical florist, married preferred; one who knows the business and can do working foreman; one who can water, pot, propagate, fill fancy hampers artistically and posted in floral decorations; we do not grow roses or carnations, but handle thousands of them; have 25,000 feet of glass; city of ours is 150,000; state wages wanted and references in first letter  
W. G. MATTHEWS, Dayton, Ohio.

**Partner Wanted**—Capable, sober and strictly honest young man, with some capital, to engage with us in florist business in a No. 1 growing town; no competition; climate and healthfulness unsurpassed; investigation courted; that we are willing to put up money is evidence of our faith.  
SLOAN BROS., Greenville, S. C.

**For Sale**—Greenhouse property of 25'0" square feet of glass, ground 100'x357 feet; good business; reason for selling; will sell on easy terms.  
F. W. WEIDMANN, Fort Morgan, Colo.

**For Sale**—Greenhouses containing 3000 feet bench room; hot water heat; complete cold water system and irrigating system; eight lots, 4-room bungalow and out buildings; everything first-class and practically new; town of 8,000; no competition; first-class shipping facilities; fine climate; terms: investigate.  
EDGAR PHINNEY,  
Livingston, Montana.

**For Sale**—Greenhouse property; wishing to change climate on account of rheumatism. I offer for sale my business consisting of about 12,000 sq. ft. of glass, four greenhouses, seven acres, two city blocks of land, good 3 room dwelling, heated by steam from greenhouse boiler, barn, artesian well; place in good repair; located at St. Peter, Minn., a city of 5000; no opposition; good outfit; write to  
ST. PETER GREENHOUSES,  
St. Peter, Minn.

## WANTED.

A young man who understands the retail florist business thoroughly; best of references, position open March 1.

**A. LANGE**

44 E. Madison St., CHICAGO

## Wanted

An agent for the Nurseries of L. GAARKEUKEN, Nurserymen, Hazerswoude, Holland, as soon as possible.

## WANTED.

**Carnation Grower.** Applicant must be a man of thorough experience and be able to furnish first-class references. A splendid opportunity for the right party.

Key 388, care American Florist.

## WANTED

Good florist where a mixed stock is grown; one who can produce the goods. Wages \$15.00 a week to start with, and more to the right man when capability is shown. Address

**ADOLPH DONART,**

Coeur D'Alene,

Idaho.

## Wanted Greenhouse at Gary

The population of Gary is 25,000 and is increasing every day. Not a single greenhouse in Gary. Great demand for flowers and all greenhouse goods. We also have several good lots for sale on easy terms. For information write  
GARY SALES COMPANY,  
524 Broadway, Gary, Ind.

## Wanted...

A first class grower to take charge of about one hundred thousand square feet of glass in a prominent Southern city. Must be sober and understand thoroughly the cultivation of roses, carnations and a general line of cut flowers. In answering this advertisement, give your reference in first letter. Address  
Key 389, care American Florist.

## GREENHOUSE FOR SALE.

Because of death of owner, 17,000 feet of glass, up-to date, thoroughly built, prime condition, 7-room dwelling, two acres of land; half mile from University; 100 yards from stop on electric railway to Cleveland; established trade; fine opportunity for any line of greenhouse business; price \$18,000, terms easy. Address

Wooster Forcing Houses,

Wooster, Ohio

## For Sale.

**11 Up-to-Date Greenhouses.** Cover over 20,000 feet of glass. Heat, one 15 horse power; one 25 horse power hot-water Furman boilers; one 25 horse power steam boiler, tubular—all new. All houses furnished with both systems giving perfect control and safety. Water from well 178 feet deep, pumped to steel tower. All houses full to overflow with spring trade stock. In part thus: 10,000 geraniums; 800 Easter lilies; 500 Gladiolus spiraeas; about 20,000 hyacinths, tulips etc.; roses, heliotrope, canas; 2 houses carnations; 2 houses ferns, etc. Estimated inside stock \$5,000; outside about 2 acres ground, 150 sash 3x6 cold frames etc. Price \$8,000 cash or mortgage; if sold now will buy entire plant. It cost \$21,000. Failing health; must sell quick; 2 stores buy entire outfit. Location 2 miles from Harrisburg, Pa. Write me quick.

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

# Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# EASTER LILIES

The Finest We Ever Grew

Price, \$1.50 per dozen or \$12.00 per 100.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

|                      | Per doz.       |
|----------------------|----------------|
| Extra long.....      | \$6.00         |
| 36 inches.....       | \$4.00 to 5.00 |
| 24 to 30 inches..... | 3.00           |
| 15 to 18 inches..... | 2.00           |
| 8 to 10 inches.....  | 1.00           |

### Richmond and Rhea Reid

|                     |                             |
|---------------------|-----------------------------|
| Extra long.....     | per 100, \$10.00 to \$12.00 |
| Good lengths.....   | per 100, 8.00               |
| Medium lengths..... | per 100, 6.00               |
| Short.....          | per 100, 4.00               |

### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin

|                         |                             |
|-------------------------|-----------------------------|
| Extra select.....       | per 100, \$10.00 to \$12.00 |
| Good lengths.....       | per 100, 8.00               |
| Medium lengths.....     | per 100, 6.00               |
| Good short lengths..... | per 100, 4.00               |

### CARNATIONS

|                                       |                     |        |
|---------------------------------------|---------------------|--------|
| Fancy pink and white.....             | per 100,            | \$4.00 |
| Fancy red, O. P. Bassett.....         | per 100,            | 4.00   |
| Winsor.....                           | per 100,            | 3.00   |
| <b>HARRISII LILIES</b> .....          | per doz.,           | 1 50   |
|                                       | per 100,            | 12.00  |
| Jonquills.....                        | per 100,            | 3.00   |
| Lily of the Valley.....               | per 100, 3.00 to    | 4.00   |
| Select Pink and White Sweet Peas..... | per 100,            | 1.00   |
| Tulips.....                           | per 100, 2.00 to    | 4.00   |
| Adiantum.....                         | per 100,            | 1.00   |
| Asparagus.....                        | per string,         | .50    |
| Asparagus Sprays.....                 | per 100, \$3.00 to  | 4.00   |
| Ferns.....                            | per 1000,           | 2.50   |
| Galax, Green.....                     | per 1000,           | 1.00   |
| Bronze.....                           | per 1000,           | 1.00   |
| Smilax.....                           | per doz., \$1.50 to | 2.00   |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

#### UNFAVORABLE WEATHER.

This city seems to be under the same dark spell that is being reported in so many sections of the country, and a bright ray of sunshine is getting to be a rarity, for the days are dark and cloudy. In consequence, the supply of flowers does not increase rapidly and many growers who thought that they would be cutting heavily by the middle of February, are still getting far from what they expected. Roses are, however, in much better supply than they have been, and everything considered the quality is good. American Beauties are of very good color and long stem, but they are hardly up to the grade usually found at this season. Killarneys are coming in more plentifully and improving in color and very handsome flowers are being shipped in daily, and they are being received in large quantities. My Maryland are coming in heavier, as are Mrs. Jardine. In reds, Richmond is in fine shape and in quantity enough to meet most demands. White Killarneys are grand, and some excellent flowers are to be obtained. Brides and Bridesmaid are in good supply. The prices of all roses hold good and are about normal for this time of the year. Carnations are coming in larger quantities and some splendid blooms are to be seen, and the prices hold up well. Orchids are plentiful enough to meet all the calls. Violets are in good supply, and notwithstanding the heavy call for St. Valentine's Day, did not show a shortage. Lilies and callas are also in good supply, with prices remaining firm. Sweet peas are in fine condition, some beautiful long stemmed flowers of all colors being seen. Bulbous flowers are now in elegant condition and in good quantity. Tulips, narcissus and hyacinths all coming in fine shape. White lilac is to be ob-

## "The Busiest House in Chicago"

We are receiving fine line of Tulips, single and double Daffodils, besides everything else in the cut flower line.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

tained and some that is seen is very beautiful. There are a number of the smaller flowers now to be obtained. Antirrhinums, marguerites, calendulas and forget-me-nots all add to the great display at this season. St. Valentine's day caused quite a flurry on the market, the wholesale stores being very busy and the retail stores had about all they could handle the first two days of the week. There is a grand lot of pot plants to be seen. Some very nicely grown pans of tulips, narcissus and hyacinths are to be seen in all the stores, as well as azaleas, cyclamen and primulas.

#### NOTES.

Phil Schupp, the manager at J. A. Budlong's, says that he has several stores in sight, one of which they intend to occupy as soon as their present lease expires. For several years this firm have been crowded for space, and have worked under difficulties, and are now obliged to vacate the present premises and move to larger quarters, where they can more properly take

care of the splendid trade which they enjoy. The American Beauty roses that this firm is now cutting are of A1 quality and are mostly of a long stem grade.

Poehlmann Bros. Co. is cutting some very fine Killarney and other roses, also a splendid grade of sweet peas of which they have a good supply. A large quantity of bulbous stock of all kinds can be seen at the store this week. The Lily of the valley that this firm is cutting is of its usual good quality.

A. C. Kohlbrandt, with the E. C. Amling Co., says that they enjoyed a regular Christmas trade on February 12 and 13, which were exceptionally busy days.

E. H. Cushman, of the Cushman Gladiolus Co. of Sylvania, O., is in the city this week on business.

August Jurgens reports that an unusual percentage of early tulips were blind this season.

H. C. Rowe will have a fine store in the Palmer House when the improvements now in progress are completed.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

Try us on **Orchids**, we can supply you with the finest **Cattleyas**  
We are now cutting a large quantity of Lily of the Valley of exceptionally fine quality.

## CURRENT PRICES, Subject to Change Without Notice.

| AMERICAN BEAUTIES  |           | Per doz.         |                                    |           | Per 100        |
|--------------------|-----------|------------------|------------------------------------|-----------|----------------|
| Specials           |           | \$6.00           | CARNATIONS, fancy                  |           | \$3.00         |
| 36-inch            |           | 5.00             | " common                           |           | 2.00           |
| 30-inch            |           | 4.00             | ORCHIDS, Cattleyas, per doz.       |           | \$6.00 to 7.50 |
| 24-inch            |           | 2.50             | HARRISII and CALLAS                |           | 12.00          |
| 18 to 20-inch      |           | 1.50             | NARCISSUS PAPER WHITE              |           | \$3.00         |
| 12 to 15-inch      |           | \$1.00 to \$1.25 | JONQUILS                           |           | \$3.00 to 4.00 |
| Short stem         | per 100   | 4.00 to 6.00     | TULIPS                             |           | 3.00 to 4.00   |
| CARDINAL, Long     |           | 2.00             | FREESIAS                           |           | 3.00 to 4.00   |
| Medium             |           | 1.50             | ROMANS                             |           | 4.00           |
| Short              | per 100   | 6.00 to 8.00     | VALLEY                             |           | 3.00 to 4.00   |
|                    |           | Per 100          | VIOLETS, double                    |           | .75            |
| RICHMOND, extra    |           | \$15.00          | " Single, Princess of Wales        |           | 1.00           |
| Select             |           | 12.00            | MIGNONETTE, large spikes           |           | 4.00           |
| Medium             | \$8.00 to | 10.00            | SWEET PEAS                         |           | .75 to 1.00    |
| Good Short         |           | 6.00             | ADIANTUM CROWEANUM                 |           | 1.00 to 1.50   |
| KILLARNEY, extra   |           | \$15.00          | SMILAX                             | per doz., | \$2.00         |
| Select             |           | 12.00            | SPRENGERI, P L U M O S U S         |           |                |
| Medium             | 8.00 to   | 10.00            | SPRAYS                             |           | 3.00 to 4.00   |
| Good Short         |           | 6.00             | PULMOSUS STRING                    | each,     | 60c            |
| MY MARYLAND, extra |           | \$15.00          | FERNs                              | per 1000, | \$2.50         |
| Select             |           | 12.00            | GALAX                              | "         | 1.25           |
| Medium             | 8.00 to   | 10.00            | LEUCOTHOE                          |           | .75            |
| Good Short         |           | 6.00             | BOXWOOD, per bunch 35; per case of |           |                |
| PERLE, long        |           | \$8.00           | 50 lbs.                            |           | \$7.50         |
| Medium             |           | 6.00             | WILD SMILAX, 50 lb. case           |           | \$5.00         |

Our Extra special grade Roses charged accordingly.

**POEHLMANN'S FANCY VALLEY** } We make these a specialty.  
**EXTRA FINE HARRISII LILIES** } Can supply them all the year.  
Once tried you will have no other.

Vaughan & Sperry are enjoying a good shipping trade and a large number of boxes containing a choice grade of flowers are being sent out daily. This firm is now offering a splendid grade of cattleyas and a good supply of roses and carnations.

Peter Reinberg is still cutting a good supply of American Beauty roses of all grades. Tim Matchen, the manager at the store, says they soon will be cutting heavily in Killarney, White Killarney and Richmond roses as a large crop is about on.

Harry Manheim, the hustling store man at Hoerber Bros., is kept very busy looking after the many orders that are received. This firm is now cutting a fancy grade of Killarney, White Killarney, Richmond and Bride roses, also a large quantity of sweet peas of good quality.

Manager Pyfer of the Chicago Carnation Co. says that the demand for

rooted carnation cuttings was never better than at present. Washington seems to be the favorite, as nearly every order that is received includes this new carnation.

Zeech & Mann are, as usual, supplying their customers with a splendid grade of roses, carnations and bulbous stock of all kinds. The snapdragons that this firm is receiving are of good quality and are quickly disposed of to the best trade.

Wietor Bros. are filling a large number of orders for a splendid grade of long stem American Beauty roses, of which they are receiving a good supply. The Brides that this firm is supplying to their customers are also of good quality.

Weiland & Risch are cutting a large quantity of Killarney roses of splendid color, foliage and stem. Carnations at this house are of their usual high

quality and a good supply of magnificent blooms are sold daily.

C. P. Mueller & Son, of Wichita, Kan., visited the trade this week. They attended the meetings of the Illinois State Florists' Association at Champaign, coming to Chicago on their way home.

W. F. Duntermann, the well known violet grower of Bensenville, is shipping a splendid grade of California and Dorsey violets to this market.

Pehrson & Marine, the enterprising florists on Bryn Mawr avenue, enjoyed a large trade on St. Valentine's day, when a large quantity of cut flowers were sold.

Sam Pearce is able to be about the greenhouses again and is now wrestling with the problem of getting his Easter lily crop right on time.

John Muir is spending a few days at West Baden, Ind.



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid

## Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
Seasonable stock.

and Fancy Carnations in good  
supply.

### CURRENT PRICE LIST

| American Beauty            | Per doz.               |
|----------------------------|------------------------|
| 36-inch and up.....        | 5 00                   |
| 30-inch.....               | 4 00                   |
| 24-inch.....               | 3 00                   |
| 18 to 20-inch.....         | 2 00                   |
| Short stem.....            | \$1 00 to 1 50         |
| 12 to 15-inch.....         | per 100, 8 00 to 10 00 |
| Richmond, fancy.....       | Per 100                |
| select.....                | \$15 00                |
| medium.....                | 12 00                  |
| good short.....            | \$8 00 to 10 00        |
| Killarney, fancy.....      | Per 100                |
| select.....                | 15 00                  |
| medium.....                | 12 00                  |
| good short.....            | 8 00 to 10 00          |
| ROSSES, our selection..... | Per 100                |
|                            | 6 00                   |

| Bridesmaid, fancy.....  | Per 100          |
|-------------------------|------------------|
| select.....             | \$15 00          |
| medium.....             | \$8 00 to 10 00  |
| good short.....         | 6 00 to 8 00     |
| Bride, fancy.....       | Per 100          |
| select.....             | 15 00            |
| medium.....             | 12 00            |
| good short.....         | 8 00 to 10 00    |
| My Maryland, fancy..... | Per 100          |
| select.....             | 15 00            |
| medium.....             | 12 00            |
| good short.....         | 8 00 to 10 00    |
| CATTLEYAS.....          | Per doz.         |
|                         | \$6 00 to \$7 50 |
| Harrisli Lilies.....    | Per doz.         |
|                         | 1 50 to 2 00     |
| Carnations.....         | Per doz.         |
| 1st quality.....        | 4 00             |
|                         | 3 00             |

| Freemias.....                          | Per 100          |
|----------------------------------------|------------------|
| Mignonette.....                        | \$3 00 to \$4 00 |
| Paper Whites.....                      | 4 00 to 8 00     |
| Romans.....                            | 3 00             |
| Sweet Peas.....                        | 75 to 1 25       |
| Tulips.....                            | 3 00 to 4 00     |
| Valley.....                            | 3 00 to 5 00     |
| Violets.....                           | 75 to 1 00       |
| Adiantum.....                          | 75 to 1 00       |
| Asparagus Plumosus, extra quality..... | Per bunch        |
|                                        | 35 to 50         |
| per string.....                        | 50 to 60         |
| Sprenger.....                          | Per 100          |
|                                        | 3 00 to 4 00     |
| Fancy Ferns.....                       | per 1000         |
|                                        | 2 50             |
| Galax.....                             | per 1000         |
|                                        | 1 25             |
| Smilax.....                            | per doz.         |
| Wild Smilax.....                       | 1 50             |
|                                        | 5 00             |

Boxwood, 25 cents per pound; 50 pound case, \$7.50.

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

Cliffor Pruner, of E. H. Hunt's supply department, says that the St. Valentine Day trade was very good and exceeded that of former years. One of the many novelties that is being offered for Washington's birthday is a paper hatchet about three inches long. The novelty is meeting with great favor with the trade and many florists have already ordered a large number with the intention of placing them in bouquets or boxes, whichever the customer may order.

It will no doubt be a great surprise to many of the friends of Harry Garland to hear that he is about to join the ranks of the benedicts. The young lady is Miss Helen Yeager of Crete, and it is understood the wedding is to take place February 18. The young couple will spend their honeymoon with relatives at Marinette, Wis., and upon their return make their home at the residence of the parents of the groom at Des Plaines.

The J. B. Deamud Co. is receiving a large quantity of sweet peas of as fine quality as can be found in the market, also a splendid grade of cattleyas, for which the demand is heavy. Stollery Bros. are sending in some very fine tulips to this house from their greenhouses on Southport avenue.

Schiller's enjoyed a very brisk trade at their store on West Madison street on February 14. The demand for flowers on St. Valentine Day being exceedingly heavy. A neat profit was realized from the sale of plants of which a large number were sold.

Chas. W. McKellar is showing an exceptionally large assortment of orchids this week, 16 different varieties being included in the daily shipments. The cattleyas and gardenias that this firm is receiving are of good quality and sell readily at good prices.

## Fancy Carnation Blooms

### THE PLEASING KIND

Our Carnations are arriving in splendid condition, and give satisfaction.

Remember we are growers and ship our customers strictly fresh stock, properly packed. We can please you when all others fail.

### PRICE LIST

| Carnations, extra fancy.....    | Per 100                                    |
|---------------------------------|--------------------------------------------|
| Select.....                     | 4 00                                       |
| Good.....                       | 3 00                                       |
| Violets, Double.....            | 2 00                                       |
| Single.....                     | 1 50 to 2 00                               |
|                                 | 1 00 to 1 50                               |
|                                 | All Greens, etc., at lowest market prices. |
| Valley, Choice Blue Ribbon..... | Per 100                                    |
| Sweet Peas.....                 | \$3 00 to \$4 00                           |
| Roses.....                      | 75 to 1 25                                 |
| Tulips.....                     | 6 00 to 10 00                              |
| Ferns.....                      | 3 00 to 4 00                               |
|                                 | 2 50                                       |

## CHICAGO CARNATION CO.

A. T. PYFER, Manager.  
Phone Central 3373.

35-37 Randolph St., CHICAGO

There is a well-defined rumor circulating around the flower market that a new wholesale house will be opened about March 1, and that the parties interested will lease the quarters formerly occupied by the E. C. Amling Co. Frank Vogt, who formerly conducted a store on Cottage Grove avenue, was removed from his home on West Lake street to a local hospital where he is receiving treatment for a severe attack of pneumonia.

At the Bassett & Washburn greenhouses at Hinsdale a large crop of American Beauty and other roses will soon be on. This firm is still cutting a large quantity of Easter lilies of extra good quality.

L. M. Leveson, of the Palace Floral Co., North Clark street, reports business as brisk with plenty of funeral work.

The Foley Mfg. Co. has been given the contract for a range of 13 houses for the Poeschlmann Bros. Co., in addition to the range now under construction.

Prof. E. A. White of the Massachusetts Agricultural College, Amherst, Mass., visited some of the large growers of this vicinity on his way home from the convention at Champaign.

George A. Kuhl, Pekin, believes in the Chicago Tribune as an advertising medium through which to dispose of Japanese air plants.

# BEAUTIES!

We are cutting heavily in **AMERICAN BEAUTY ROSES** and can fill your order on short notice. Also a fancy grade of **RICHMOND, KILLARNEY** and **WHITE KILLARNEY**. Plenty of all other seasonal stock.

## PRICE LIST:

| AMERICAN BEAUTIES |  | Per Doz. | Richmond.....        | Special..... | Per 100          |
|-------------------|--|----------|----------------------|--------------|------------------|
| Extra long.....   |  | \$5 00   | Killarney.....       | .....        | \$12 00          |
| 36-inch stem..... |  | 4 00     | White Killarney..... | Select.....  | \$ 8 00 to 10 00 |
| 30-inch stem..... |  | 3 50     | Field.....           | Medium.....  | 6 00             |
| 24-inch stem..... |  | 3 00     | My Maryland.....     | Short.....   | 5 00             |
| 20-inch stem..... |  | 2 50     | Uncle John.....      |              |                  |
| 18-inch stem..... |  | 2 00     | Bride.....           | Select.....  | 10 00            |
| 16-inch stem..... |  | 1 50     | Ivory.....           | Medium.....  | 8 00             |
| 12-inch stem..... |  | 1 00     | Sunrise.....         | Short.....   | 5 00             |
| Short stem.....   |  | 75       | Gate.....            |              |                  |
|                   |  |          | Perle.....           |              |                  |

## ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

| CARNATIONS      |         | Per 100 | Harrisii.....  | per doz., \$2 00 | Per 100       |
|-----------------|---------|---------|----------------|------------------|---------------|
| Fancy.....      |         | \$ 4 00 | Valley.....    | .....            | \$4 00        |
| Common.....     |         | 3 00    | Violets.....   | .....            | \$ 75 to 1 00 |
| Sweet Peas..... | 75 to   | 1 00    | Adiantum.....  | .....            | 1 00          |
| Jonquils.....   | 3 00 to | 4 00    | Asparagus..... | per bunch,       | \$0 50        |
| Daffodils.....  | 3 00 to | 4 00    | Ferns.....     | per 1000,        | 2 50          |

Subject to change without notice.

# PETER REINBERG, <sup>35 Randolph St.</sup>CHICAGO.

Georg Hontsch, the well known greenhouse builder of Dresden, Germany, was a visitor this week, looking over our large greenhouse establishments.

Hoerber Bros. are installing an acetylene gas plant to light the greenhouses and residence at their Des Plaines establishment.

Visitors: Irwin Bertermann, Indianapolis, Ind.; H. C. Metz, Odell, Ill.; Mr. Miller of Miller & Thompson's, Columbus, O.; Chas. P. Mueller and son, Wichita, Kans.; W. J. Pilcher, Kirkwood, Mo.; Prof. E. A. White, Amherst, Mass.

### Chicago Bow 1 g

The following table shows the number of games won and lost by each team to date:

| Won.       |         | Lost. |  | Won.    |         | Lost. |  |
|------------|---------|-------|--|---------|---------|-------|--|
| Orchids    | .....37 | 14    |  | Roses   | .....23 | 28    |  |
| Carnations | ...25   | 26    |  | Violets | .....17 | 34    |  |

Individual and team scores for games played February 8.

| Violets.      |             | Carnations.    |             |
|---------------|-------------|----------------|-------------|
| Cohen.....    | 107 133 152 | Ayers.....     | 171 161 190 |
| Friedman..... | 139 136 164 | Winterson..... | 162 127 146 |
| Sweeney.....  | 110 120 145 | Goetsch.....   | 109 121 104 |
| Lorman.....   | 157 146 157 | Schultz.....   | 173 165 159 |
| Yarnall.....  | 162 224 184 | A. Zeeb.....   | 165 149 181 |
| Totals.....   | 695 765 902 | Totals.....    | 780 723 780 |
| Roses.        |             | Orchids.       |             |
| Johnson.....  | 134 100 197 | Huebner.....   | 150 114 157 |
| Craig.....    | 108 139 151 | Zeeb.....      | 173 170 158 |
| Daley.....    | 182 119 154 | Graff.....     | 154 154 170 |
| Welsh.....    | 100 109 106 | Sweeney.....   | 146 171 173 |
| Wolff.....    | 155 163 146 | Farley.....    | 143 190 137 |
| Totals.....   | 686 684 844 | Totals.....    | 769 799 755 |

NORWALK, CONN.—A new flower store has just been opened by Howard V. Worden to be known as Worden's Flower Shop. The store has been thoroughly renovated and decorated and an extensive line of plants and flowers installed.



## ORCHIDS

### ::A Specialty::

A fine stock of **Cattleyas, Gardenias, Cypridiums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

## CHAS. W. McKELLAR

51 Wabash Avenue.  
**CHICAGO.**

### Yonkers Horticultural Society.

A regular meeting of this society was held February 3. The dinner committee reported that all arrangements were made for a good time Tuesday, February 7. About one hundred and twenty good men and true intend to vindicate a gardening appetite at the Park Hill Inn. A vacancy has to be filled in the executive committee owing to the departure of J. Houghton to Chicago. H. Scott received first prize for some very fine callas, H. Wells second for some excellent California violets. It was de-

cided to hold a social session every second month, members donating good things to the one to be held in March. The president stated that two members are sick, Secretary Nichols having sustained a bad fall and J. Canning suffering from the after effects of an operation for appendicitis. A sick committee was appointed to visit all members who are ill, reporting to the society at regular meetings.

H. M. BLANCHE, Sec'y.

WESTBROOK, CONN.—Brook Bros. are erecting a water tank to increase the water supply at their greenhouses.



**We are Again Receiving**

**ROSES**

Of extra good quality which we offer  
at reasonable prices. We can supply

American Beauty,  
Richmond,  
My Maryland,  
Jardine,

Pink Killarney,  
White Killarney,  
Bridesmaid,  
Bride.

**CARNATIONS** of A1 quality, white, red, light pink and pink.

**Heavy Supplies of** Violets, Tulips, Daffodils, Jonquils, Narcissus,  
Romans, Sweet Peas and Greens of all kinds.

Also a good supply of our famous **BLUE RIBBON VALLEY**, Once Used, Always Used. Order  
some and be convinced.

Buy Direct  
From the  
Grower.

**J. A. BUDLONG**

Roses and  
Carnations  
A Specialty....

37-39 Randolph Street, CHICAGO.

WHOLESALE  
GROWER of

**CUT FLOWERS**

We Strive  
To  
Please.

**We are Cutting a  
Large Quantity of**

**LONG STEM BEAUTIES**

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

**PRICE LIST.**

| AMERICAN BEAUTY—      | Per doz.       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 16-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100              |
|-----------------|----------------------|
| Killarney       | Extra fancy..\$10 00 |
| White Killarney | Fancy..... 8 00      |
| Mrs. Jardine,   | Good..... 6 00       |
| Richmond,       | Short..... 4 00      |
|                 | Per 100              |
| Bride,          |                      |
| Maid,           | Fancy.....\$8 00     |
| Uncle John,     | Good..... 6 00       |
| Perle           | Short..... 4 00      |

|                        | Per 100           |
|------------------------|-------------------|
| Roses, Our Selection   | 5 00              |
| Carnations, fancy..... | 3 00 to 4 00      |
| Good.....              | 2 00              |
| Valley.....            | 4 00 to 5 00      |
| Adiantum.....          | 1 00              |
| Sprengerl, per bunch.. | \$ 0.50 to \$0.75 |
| Asparagus " " ..       | .50 to .75        |
| Ferns, per 1000.....   | 2.50              |
| Galax " " ..           | 1.00 to 1.50      |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

**St. Louis.**

**STOCK SCARCE.**

The weather has been cloudy and stock has become quite scarce, roses, especially, and carnations are also high. St. Valentine's day has already influenced the violet market, the public was getting used to violets at 10 cents per bunch and do not like the idea of paying higher prices for inferior grades. Jonquils are plentiful and sell slowly. Sweet peas are increasing but many of the colors are poor sellers.

**NOTES.**

The Florists' Club met February 8, there being 40 members present. The

feature of the meeting was the display of new varieties of carnations. The awards of the judges were: Chicago Carnation Co., Chicago, Washington, 81 points; Nic Zweifel, North Milwaukee, Wis., Bright Spot, 90 points; Henry Eichholz, Waynesboro, Pa., Princess Charming and Christmas Cheer, 80 points; P. M. DeWitt, Bridge-water, Pa., Pennsylvania, 80 points. The Horticultural Society met and resolved to give a show next fall at the Coliseum and entertain the Chrysanthemum Society of America, which meets here.

Sixty growers of Kirkwood, with a band of music, visited the wholesale house of the Wm. C. Smith Wholesale

Floral Co. February 11 and were entertained by Smith & Osbeck with refreshments, cigars, music and songs. They remained till early morning having a good time, giving rousing cheers for the boys who entertained them.

The retail stores are now making special decorations to push St. Valentine's business.

Geo. Hecht is now bringing his flowers to market in an automobile.

Visitors: William Skinner, Springfield, Ill.; R. A. McPherson, Litchfield, Ill.

ROCHESTER, N. Y.—The Florists' Association have rented new quarters at No. 95 Main street east.

## -SEND FOR PRICE LIST.

**76 Wabash Avenue, CHICAGO**

Stock at a whole clears up daily. In many cases the supply is completely ordered up before it arrives. While the flowers, as a whole, are in first class shape, the stems of some do not stand up as well as they did, and thus show the effects of the almost continuous bad weather we have had for some time. Prices seem to be holding up nicely. The demand for roses is in the main steady. The request for the short and medium grades for work has been especially strong. Pink is at present writing very short and red can scarcely be had. In American Beauties the receipts sell readily. Carnations, too, were among the best sellers last week. All colors sold rapidly and more could have been used. The call for red and St. Valentine's day was very strong. There was, however, no demand from those who to draw. The supply of double and single violets was large for St. Valentine's day and they found a good call, especially the early shipments, which alone can be told of at this writing. Lily of the valley moves slowly and February 14 has apparently created no particular stir in this line. The demand for white and pink geraniums is in the colors, *lily longiflorus* are in good supply and find a ready sale. The receipts of callas are stronger. Narcissus are arriving regularly and selling well. To the list of bulbous stock has been added Dutch hyacinths and southern outdoor jonquils, but even these do not come in to meet the demand for them. The supply of decorative greens is adequate to all demands. The quality of the fancy fern is holding up nicely.

|                         |                           |             |
|-------------------------|---------------------------|-------------|
| Roses, Beauty,          | 36 in                     | 5 00        |
| "                       | 30 in                     | 4 00        |
| "                       | 24 in                     | 3 00        |
| "                       | 18 in                     | 2 00        |
| "                       | 12 to 15 in               | 8 00 10 00  |
| "                       | Bride. Bridesmaid select. | 12 00 15 00 |
| "                       | " medium                  | 6 00 10 00  |
| "                       | Killarney, select.        | 12 00 15 00 |
| "                       | " medium and sort 4       | 10 00 15 00 |
| "                       | My Maryland.              | 6 00 15 00  |
| "                       | Perle                     | 4 00 12 00  |
| "                       | Rickhard                  | 6 00 15 00  |
| "                       | White Killarney, select.  | 8 00 15 00  |
| "                       | " medium                  | 6 00 10 00  |
| Carnations,             | medium                    | 2 00 3 00   |
| "                       | fancy                     | 4 00        |
| Cattilars               | per doz.                  | 6 00 7 50   |
| Geranium                | per doz.                  | 3 00 4 00   |
| Dendrobium Fortosum     |                           | 5 00 6 00   |
| Dendrobium Nobile       |                           | 2 00 4 00   |
| Freesias                |                           | 3 00 4 00   |
| Hyacinths, Roman.       |                           | 3 50 2 00   |
| Lilip, Hunt.            | per doz.                  | 3 00 2 00   |
| Lily of the Valley      |                           | 3 00 5 00   |
| Mignonette.             |                           | 4 00 8 00   |
| Narcissus               |                           | 3 00        |
| Swet Peas.              |                           | 75¢         |
| Tulips                  |                           | 3 00 4 00   |
| Violets                 |                           | 75¢ 1 00    |
| Adiantum                | per bunch                 | 75¢ 1 00    |
| Asparagus Plum. strings | per doz.                  | 35¢ 50      |
| "                       | per bunch                 | 35¢ 50      |
| "                       | Sprengeri                 | 3 00 4 00   |
| Boxwood                 | per case.                 | 7 50        |
| Ferns                   | per 1000.                 | 2 00        |
| Smx                     | per doz.                  | 1 50        |
| Wild Smilar             | per case.                 | 5 00        |

J. D. Christiansen, representing Hummel & Douring of Milwaukee, called on the trade February 6 and 7.

Visitors: T. C. Joy, of Nashville, Tenn., and D. D. Johnson.



## ROOTED CUTTINGS

Alma Ward.....\$7.00 per 100; \$80.00 per 1000  
Mrs. C. W. Ward.....6.00 per 100; 50.00 per 1000

plants will do well with any grower of the average ability, and will produce as freely as any other fancy variety.

Delivery after February 15th, 1911. Orders filled in rotation.

Send for our complete list of Rooted Carnation cuttings of good commercial varieties.

**THE LEO NIESSEN CO.,**

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

**Philadelphia, Pa.**

### Philadelphia.

#### AN INCREASE IN SUPPLY.

The market is better supplied with stock, there being a perceptible increase in the supply in the past few days. This applies to almost all kinds of flowers, although American Beauties are still short of the demand. White roses, which were almost unobtainable, being gathered in by the handful here and there, are now sold again in lots of twenty-five. Some choice Killarneys are seen but considerable of the stock is light in color. Sweet peas are now to be had in quantity and the quality is much improved, some really first class stock being seen. Freesia is now a staple, all grades being offered daily. Violets are blooming freely in spite of the dark weather. The demand appears to increase with the supply, as they are selling freely. Some very fine carnations are offered, and the supply appears about equal to the demand at very good prices. Tulips and daffodils are carried largely by all the stores, who find a good demand for all of these spring flowers. Cattleyas are held at 50c, with a ready market for all that are cut. St. Valentine's day, as usual, was a very busy time. The commission houses had their hands full, from Sunday afternoon until late Monday, getting off their out of town orders, which, together with the local trade, exhausted their resources and cleaned up everything saleable. The store windows were gay with the heart-shaped boxes and hampers filled with violets, lily of the valley, forget-me-nots, roses, pansies and spring flowers in all kinds of combinations. There was a large run on violets and sweet peas, which, together with roses, were the favorites. There was also quite a run on flowering plants, azaleas, primulas, daffodils in pots, cyclamens, cinerarias and other plants in bloom sold well. Taken altogether the Valentine's day of 1911 was a little in advance of any that have gone before.

#### NOTES.

Wm. J. Baker was given a surprise party last Thursday evening when, on arriving at home, he found a number of his friends in the business who had called to congratulate the "young" gentleman on his 70th birthday. To say he was surprised was not enough. He was, however, delighted to see so many of the old guard and spent the evening with them going over the busy events of the past twenty-five years. Each of the party was given a souvenir in the shape of a pipe. Warren and Miss Baker were in the secret, and lent not a little to the enjoyment of the evening.

Robert Craig is sending from the Isle of Pines some very fine dracena canes of choice varieties which have grown wonderfully during the past two years. He is expected home in about ten days.

Sweet peas were one of the features at Niesсен's, where special stock was seen in quantity. American Beauties were also in good supply.

Berger Bros. are proud of their Lady Campbell violets from the Hightstown district. They are top notchers.

Ed Reid sent out thousands of Marie Louise violets. He has a great trade in these flowers. K.

## Wholesale Flower Markets

| PHILADELPHIA, Feb. 15.    |    | Per 100  |
|---------------------------|----|----------|
| Roses, Beauty, extra..... | 50 | 00/25 00 |
| " first.....              | 25 | 00/25 00 |
| " Brides and Maids.....   | 6  | 00/25 00 |
| " Killarney.....          | 4  | 00/25 00 |
| " White Killarney.....    | 4  | 00/25 00 |
| Cattleyas.....            | 25 | 00/25 00 |
| Forget-me-nots.....       | 4  | 00/25 00 |
| Gardenias.....            | 10 | 00/25 00 |
| Lilac.....                | 75 | 00/25 00 |
| Lilium Harrison.....      | 8  | 00/25 00 |
| Lily of the Valley.....   | 3  | 00/25 00 |
| Mignonette.....           | 5  | 00/25 00 |
| Snapdragons.....          | 10 | 00/25 00 |
| Sweet Peas.....           | 40 | 00/25 00 |
| Violets.....              | 50 | 00/25 00 |
| Adiantum.....             | 75 | 00/25 00 |
| Asparagus.....            | 15 | 00/25 00 |
| Smilax.....               | 15 | 00/25 00 |

| PITTSBURGH, Feb. 15.                |    | Per 100  |
|-------------------------------------|----|----------|
| Roses, Beauty, special.....         | 25 | 00/25 00 |
| " extra.....                        | 15 | 00/25 00 |
| " No. 1.....                        | 10 | 00/25 00 |
| " Bride, Bridesmaid.....            | 3  | 00/25 00 |
| " Chatsenay.....                    | 3  | 00/25 00 |
| " Killarney.....                    | 3  | 00/25 00 |
| " My Maryland.....                  | 3  | 00/25 00 |
| " Richmond.....                     | 3  | 00/25 00 |
| Carnations.....                     | 3  | 00/25 00 |
| Cattleyas.....                      | 60 | 00/25 00 |
| Lilium Longiflorum.....             | 10 | 00/25 00 |
| Lily of the Valley.....             | 4  | 00/25 00 |
| Paper Whites.....                   | 3  | 00/25 00 |
| Romans.....                         | 2  | 00/25 00 |
| Sweet Peas.....                     | 50 | 00/25 00 |
| Adiantum.....                       | 1  | 50       |
| Asparagus Sprengeri, per bunch..... | 50 |          |
| " strings.....per string.....       | 50 |          |
| " sprays.....per bunch.....         | 50 |          |
| Smilax.....                         | 15 | 00       |

### Washington.

#### DISAGREEABLE WEATHER.

The business of the past week was very fair but not extraordinary. For several days the weather was very disagreeable, which had a depressing effect on trade. As a matter of course, the dinners and luncheons that have been set for certain dates must be carried out, regardless of weather, but counter trade has suffered. There are indications of considerable business for St. Valentine's Day and it is hoped that it will turn out well.

#### FLORISTS' CLUB MEETING.

The regular monthly meeting of the club was held in the store of the A. Gude & Bros. Co., February 7, with Wm. F. Gude as host. President Robertson occupied the chair and excepting the nomination of officers it was largely a social session. The following officers were nominated for the ensuing year: Elmer C. Mayberry, of Mayberry & Hoover, president; David Grubert, vice-president; O. A. C. Ohmer, secretary; Wm. F. Gude, treasurer. As a host, W. F. Gude is always a success and he entertained the club in an appropriate manner.

#### NOTES.

One of the events of the past week was a dinner given by a number of officers of the engineering department of the government to Admiral Endicott, who was chief of construction of the great dry dock. Devereux, J. H. Small & Sons furnished a most appropriate decoration of the dry dock, containing a battleship.

The Gude Bros. Co. and Z. D. Blackstone have in their show windows very elaborate and appropriate St. Valentine's decorations.

W. W. Kimmel has completed his conservatory. A. F. F.

## FANCY

## Valley Violets, Lilacs

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**PITTSBURGH, PA.**

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Grand Rapids Greenhouse Co., Grand Rapids, Mich.

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**THE LEEDHAM BULB CO.,** Santa Cruz, Cal.  
Gladolus America, Tulips,  
Spanish Iris, etc., in season.

MT. PLEASANT, IA.—The weather conditions have been very favorable and there has been a good cut of carnations as well as vegetable crops. Last year was a record season for flowers and vegetables but fruit was light. If weather conditions continue favorable there will be a heavy crop of fruit as fruit spurs are numerous and plump.





## New York.

## NORMAL CONDITIONS.

Owing more perhaps to the very inclement weather prevailing than to anything else, business fell off very perceptibly for several days, more genial conditions have reached us again however, and seasonable normal weather is the rule, business in most lines being quite satisfactory. • Roses are not plentiful, and this refers to all varieties, consequently prices are firm and considered from a retail standpoint, very high. Carnations are moving very satisfactorily, they do not become too numerous for the regular demand and, like the prices of roses, they remain quite firm. While cattleyas still continue plentiful really top notch flowers are in a minority, consequently a slight increase in price has been possible for flowers of first grade quality. Violets shortened up in quantity for a few evenings, possibly through being held in reserve for St. Valentine's day, and slightly better figures were realized for the time being. Lily of the valley has been selling poorly, street peddlers are handling it extensively which is a sure sign of over-abundance and low prices. Sweet peas, not getting plentiful as yet, continue to bring good figures. White narcissus and Roman hyacinths are clearing up well. Yellow narcissus is getting more plentiful yet no serious tumble in values has occurred as yet, the variety Barrii, always a favorite, is now coming in regularly. Tulips are moving fairly well and there are a good many coming in every day, they are useful for all purposes though and in season out in fairly good order from day to day. Gardenias are in steady supply though at no time very numerous, prices remain almost stationary. Freesia becomes more plentiful and it is a favorite and sells quite satisfactorily. Marguerites, wall-flowers, pansies, snapdragons and forget-me-not are all in the miscellaneous list, always to be had in limited quantities. Asparagus continues to be the favorite in green material with adiantum fronds a good second, smilax being the slowest green to move.

## CLUB MEETING.

The monthly meeting of the Florists' Club was held February 13. There was a large attendance, and promptly at 8 o'clock President Vincent called the meeting to order. Following the adoption of the minutes of the previous meeting, read by Secretary Young, C. B. Weathered, on behalf of the dinner committee, announced that preparations had been made to hold the annual dinner at "Shanley's," and urged that all those who expect to attend that function notify the committee at once. P. O. Connelley, of the legislative committee, told of having been notified that it would be necessary to go to Albany February 15, as the matter of the appropriation would be in the hands of the state committee on that afternoon, he would be there and asked any other club member to go along. In response to the letter sent out asking other societies and individuals to join in the movement, several favorable replies had been received, and it looked as though there might be a fairly representative delegation at Albany on Wednesday, to help bring about the much needed appropriation of \$50,000 for building greenhouses and the carrying on of indoor experimental work. If the bill passes it is proposed to build the glass at Cornell University. H. A. Bunyard, for the transportation committee, reported that those who visit the show in Boston next month can get a rate of one fare and three-fifths on the certificate plan, either by boat or rail. Some discussion ensued as to which route would be preferable and finally it was de-

cided to go by boat, leaving here on the evening preceding the opening of the exhibition. H. R. Scamman, W. F. Maynard and C. R. Russell, were elected to membership. Mr. Maynard, being present, was introduced to the members, as were also two other recently elected members, A. Hanig and W. Tate. A letter was read from the Philadelphia Florists' Club, inviting the members to join them in a visit to the H. A. Dreer establishment at Riverton March 7. On motion the invitation was accepted, and the secretary instructed to notify the Philadelphia Club to that effect. Wm. Kleinheinz, Ogontz, Pa., exhibited a very fine scarlet carnation named Miss Dimple Widener, a cross between Lawson and Lady Bountiful, a good sized flower, long stem and clear scarlet color. It scored 87 points and was awarded a preliminary certificate.

The feature of the evening was, of course, the illustrated lecture by Richard Vincent, Jr., White Marsh, Md. The slides thrown upon the screen gave a very vivid description of the bulb industry in Holland, plant and flower cultivation in Belgium, and things of horticultural interest in England. Of equal interest was the lecture accompanying the views. Mr. Vincent is peculiarly gifted as a speaker, and when, after showing the beauties of foreign countries, he showed his home and flowers in Maryland, and pathetically reminded his hearers that there were beautiful things also at "Home, Sweet Home," he fairly brought down the house. A rising vote of thanks was tendered Mr. Vincent, his most interesting lecture, and the meeting adjourned.

## NOTES.

Ben Johnson, colored, for 23 years head driver for Chas. Thorley, died after a very brief illness February 7, interment was in Cypress Hills cemetery and Mr. Thorley furnished many beautiful floral tokens for the occasion. All who knew Mr. Johnson speak highly of him as a man and as a faithful worker, through his long experience as a driver, he knew every street, hotel and apartment house in the city and by his employer he will be sadly missed.

The bill (No. 77) which provides for floricultural greenhouses at Cornell University is now before the senate at Albany, where a hearing was scheduled for February 15. Every florist in the state should follow up the hearing by bombarding his state representatives vigorously and persistently, urging the passage of the bill.

The annual dinner of the Yonkers' Horticultural Society took place at Yonkers on February 7. Those who were in attendance from here report that it was the biggest dinner of the year, over 150 persons participated. A. Herrington was toastmaster and filled that office most acceptably.

The annual dinner of the New York Florists' Club is going to be at Shanley's, near Forty-second street, Broadway, March 18. Tickets are \$4 for men, \$3 for ladies. This is the twenty-fourth annual dinner of the club and without a doubt there will be a large attendance.

The Retail Florists' Association of Brooklyn will hold their annual banquet sometime within the next few weeks. A committee has the matter in charge and a more definite announcement will be made in the near future.

All of the flowers used at the Decies-could wedding were delivered after the ceremonies to the officers of the National Plant, Fruit and Flower Guild, 70 Fifth avenue, and by them were distributed among the sick poor.

The Growers' Cut Flower Co. are going to move to a store on the ground floor. Option on two places has been

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secured in the immediate vicinity, final decision of which to take has not been made.

The widow of Wm. Amos is seeking a tenant to run the greenhouses at Woodside, L. I., left by her deceased husband. There are ten greenhouses besides a residence on the property.

The annual ball of the Frank Valentine Association is to take place March 16 at Majestic Hall, East One Hundred and Twenty-fifth street.

Born, to Mr. and Mrs. A. H. Lang-jahr, at their country home, Jamaica, L. I., Sunday, February 12, a daughter.

Sprays of acacia are being received by P. J. Smith, Tracandy & Schenck and Siebrecht & Siebrecht.

Lincoln's birthday falling on Sunday was generally observed on the day following.

W. P. Ford is receiving consignments of cut camellias.

Monday afternoon, February 13, the following scores were made by the bowlers:

|                      |     |     |     |
|----------------------|-----|-----|-----|
| J. A. Manda.....     | 163 | 156 | 135 |
| A. G. Handel.....    | 220 | 110 | 172 |
| A. L. Richards.....  | 139 | 142 | 151 |
| W. H. Siebrecht..... | 135 | 145 | 162 |
| J. A. Shaw.....      | 158 | 118 | 106 |
| J. Donaldson.....    | 154 | 177 | 191 |
| M. J. Mues.....      | 122 | 118 | 148 |
| J. B. McArde.....    | 133 | 118 | 131 |
| R. Schultz.....      | 85  |     |     |
| R. Berry.....        | 105 |     |     |

A match game with Rutherford, N. J. will be played in Friday night, February 17.

Visitors: Richard Vincent, Jr., and wife, White Marsh, Md.; Wm. Kleinheinz, Ogontz, Pa.

SAN FRANCISCO, CALIF.—The Horticultural Society and their friends participated in a dinner and dance in the red room and ball room of the Fairmount.

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54 West 28th St. NEW YORK.

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## Wholesale Flower Markets

| NEW YORK, Feb. 15.                   |                         |
|--------------------------------------|-------------------------|
| Roses, Beauty, special.....          | 35 00@250 00            |
| "    "    extra and fancy.....       | 20 00@30 00             |
| "    No. 1 and No. 2.....            | 5 00@ 8 00              |
| "    Bride, Bridesmaid, special..... | 10 00@12 00             |
| "    "    extra and fancy.....       | 6 00@ 8 00              |
| "    No. 1 and No. 2.....            | 4 00@ 6 00              |
| "    Killarney, My Maryland and..... | 10 00@12 00             |
| "    "    extra and fancy.....       | 6 00@ 8 00              |
| "    "    No. 1 and No. 2.....       | 3 00@ 6 00              |
| "    Richmond.....                   | 3 00@15 00              |
| Carnations.....                      | 2 00@ 6 00              |
| Callas.....                          | 10 00@12 00             |
| Cattleyas.....                       | each 25@ 60             |
| Gardenias.....                       | per doz. 2 00@ 6 00     |
| Lilium Longiflorum.....              | 6 00@10 00              |
| Lily of the Valley.....              | 1 00@ 3 00              |
| Narcissus P. White.....              | 2 00@ 2 50              |
| "    Yellow.....                     | 3 00@ 5 00              |
| Roman Hyacinths.....                 | 2 00@ 2 50              |
| Scutell Peas.....                    | per doz. bchs. 75@ 1 50 |
| Tulips.....                          | 2 00@ 5 00              |
| Violets.....                         | 25@ 50                  |

| BUFFALO, Feb. 15.                   |                  |
|-------------------------------------|------------------|
| Roses, Beauty, special.....         | 40 00@250 00     |
| "    "    fancy.....                | 30 00@35 00      |
| "    "    extra.....                | 20 00@25 00      |
| "    No. 1.....                     | 10 00@15 00      |
| "    No. 2.....                     | 5 00@ 7 00       |
| "    Bride Maid, Killarney.....     | 6 00@15 00       |
| "    Killarney, White and Pink..... | 6 00@15 00       |
| Carnations.....                     | 2 00@ 4 00       |
| Callas.....                         | 12 00@15 00      |
| Double Von Sion.....                | 3 00@ 4 00       |
| Freesias.....                       | 2 00@ 3 00       |
| Lilium Longiflorum.....             | 12 00@15 00      |
| Lilium Speciosum.....               | 4 00@ 6 00       |
| Lily of the Valley.....             | 3 00@ 4 00       |
| Mignonette.....                     | 3 00@ 4 00       |
| Narcissus Paper Whites.....         | 2 00@ 3 00       |
| Stevia.....                         | 1 00@ 1 25       |
| Sweet Peas.....                     | 75@ 1 50         |
| Trumpet Major.....                  | 2 00@ 3 00       |
| Violets.....                        | 75@ 1 50         |
| Adiantum Crowcanum.....             | 35@ 50           |
| Asparagus per bunch.....            | 35@ 50           |
| Asparagus Sprenger.....             | 35@ 50           |
| Ferns.....                          | per 1000, \$2 00 |
| Galax, green and bronze.....        | 1 50             |
| Leucothoe Sprays.....               | 75               |
| Smilax.....                         | 15 00            |

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# Fancy Ferns, - \$2.00 per 1000



|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| New Crop Galax, Bronze or Green.....            | \$1.25 per 1000; 10,000 \$7.50             |
| Sphagnum Moss, large bales.....                 | \$1.25; 6 bales, \$7.00. Extra Fine        |
| Leucothoe Sprays, Green and Bronze.....         | \$1.00 per 100; \$7.50 per 1000            |
| Boxwood.....                                    | per bunch, 35c; 50-lb. case, \$8.50        |
| Magnolias, Brown and Green, Imported stock..... | per basket, \$2.50; 6 baskets, \$2.00 each |

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

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DETROIT, MICH.

### Cleveland.

#### STOCK INCREASING.

The weather is opening up nicely, and the sun shows his face a little more each day, with the result that flowers are arriving in ever increasing quantity and better quality. The past winter has not been remarkable for its being cold, so much as the dark cloudy weather, which has retarded the growth of stock, and the opening of flowers, with the result that it has been a rather poor season all through for the grower, from a financial standpoint. Sweet peas are beginning to arrive in quantities and the stock is exceptionally fine. Callas are abundant and the demand for these flowers at present seems very good. Easter lilies also are selling readily at fair prices. Lily of the valley is having a slightly better call, and violets have been cleaning up daily. Roses are still in short supply. Carnations are good, but also short of the demand. Dutch hyacinths are coming in quite plentifully. Stock of all kinds is improving.

#### FLORISTS' CLUB MEETING.

A good time was had by all who attended the club meeting February 13. There were 25 new members admitted. H. Knoble made a very interesting speech on advertising, making a strong plea to have the florists write in some way and systematically advertise for the benefit of all. A feature of the evening was a bowling match between Adam Graham and Mrs. Ella Grant Wilson, the former winning, 84 to 57. The committee judging the exhibits made the following report: The committee beg leave to report that they had a very fine display of cut flowers from the growers in this vicinity, and also from the E. G. Hill Co., of Richmond, Ind. Carnation Bonfire commendable both as to color and stem. Rose Mrs. Aaron Ward, a saffron color, an improvement on the old Saffron. Carnation Washington by the Chicago Carnation Co. an improvement on Lawson. Carnation Dorothy Gordon by Joseph Heacock Co., very fine. Your committee wishes to make special mention of a fine display of cut flowers from the J. M. Gasser Co., consisting of Pink and White Killarney roses, White Perfection, Beacon and Lawson carnations and a remarkably fine vase of antirrhinums. The Cleveland Cut Flower Co. a fine display of carnations, including an excellent seedling of Enchantment, also a fine vase of lily of the valley and a vase of beautifully colored La Reine tulips. John Blechschmidt shows a fine assortment of all the well known varieties of carnations. R. Hoffman shows a good vase of a sport from Prosperity. G. H. Barber, Eclair, vase of sweet peas. R. Wasiko shows a very good vase of Princess of Wales

## Laurel Wreathing and Sheet Moss

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Satisfaction guaranteed.

E. A. BEAVEN,

Evergreen, Ala.

violets. C. W. Gerdum a fine vase of lily of the valley.

ADAM GRAHAM,  
E. B. GEORGE,  
WM. STADE,  
CHAS. E. RUSSELL,  
Committee.

#### NOTES.

The Schneider Floral Co., 426 Euclid avenue, have added a Jackson delivery automobile which will run between the greenhouses and the store.

The Cleveland florists who went down to Alliance to bowl, had a most enjoyable time, and also won the game. Score follows:

| Cleveland.              | Alliance.              |
|-------------------------|------------------------|
| F. Knoble..159 164 175  | Boditch ..197 148 197  |
| H. Knoble..174 140 164  | Cowgill ..131 124 116  |
| H. Russell..128 163 119 | Eastwood ..155 143 140 |
| G. Bates..117 147 167   | Jacobs ..139 145 135   |
| H. Bates..147 155 153   | Bingham ..161 124 130  |
| Friedly ..121 147 142   | Smith ....102 133 107  |
| Totals...886 916 920    | Totals...885 817 825   |
|                         | C. F. B.               |

UNION CITY, PA.—A fire of unknown origin on February 11 destroyed the barn and warehouse and one small greenhouse 12x54 together with all the contents, including horse, sleighs, wagons and implements. The remainder of the establishment escaped serious injury. The loss was \$1,500 and the insurance \$400.

### 50-lb. case

## Extra Fine SMILAX

\$2.00 per case

QUALITY GUARANTEED

When in need of extra good Smilax in any quantity, write or wire

## Henry M. Robinson & Co. MINTER, ALA.

You can rest assured that all orders placed with us will be filled to your entire satisfaction.

Unknown customers, satisfactory references or C. O. D.

## George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of

**Evergreens**

Fancy and Dagger

Ferns, Bronze and

Green Galax, Holly,

Leucothoe Sprays,

Princess Fine, Etc.

Delivered to all parts of United States and Canada  
127 W. 28th St., bet 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly, on receipt of same.

Give us a trial. We know we can please you.

Galdwell the Woodsman Co., Evergreen, Ala.

# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.

—Deliveries in—

NEW YORK, LONG ISLAND and NEW JERSEY.  
Mention the American Florist when writing



2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**

440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

Indianapolis, Ind.

**Bertermann Bros. Co.**

**FLORISTS**

.....241 Massachusetts Ave

Denver, Colo.

**The Park**  
....Floral Co.

J. A. VALENTINE, President.

Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.

**Washington,  
D. C.**

14th and H Street



Also

1601 Madison Ave

**Baltimore, Md.**

J. DAN BLACKSTONE

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

New York and Washington, D.C.

**J. H. Small & Sons  
FLORISTS**

New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.

New York.



2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

Columbus, O.

At the meeting of the Florists' Club held January 10 a committee was appointed to take steps toward holding a flower show, and as some firms are not members of the club, an invitation was extended to all to meet at the Livingston Seed Co.'s greenhouses at a social February 5. The weather was inclement and the houses a mile and a half from the car line, but about 40 growers were present. F. C. Vierick read a paper outlining the proposed chrysanthemum show which met with general approval. James Underwood, superintendent of Franklin Park, promised to do all in his power to aid the exhibition and several gardeners of the state institutions promised to assist. H. M. Munk spoke of the advisability of forming an association to be called the Columbus Floral Association for the purpose of promoting the show. The interest was high and it took but a few minutes to get \$500 subscribed toward the proposed exhibition, employees being as anxious to do their part as the employers. An excellent lunch was served. Gus Ackermann acting as toastmaster, and music was enjoyed throughout the evening, furnished by the musicians. A general florist meeting will be held February 7 at the Chittenden Hotel, to determine the course of action to be taken.

Kansas City, Mo.

**WILLIAM L. ROCK  
Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Mention the American Florist when writing

Omaha, Neb.

**Hess & Swoboda**

**FLORISTS,**

1415 Farnum St. TELEPHONES

1501 and L 1553

Mention the American Florist when writing

Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dis. Phones

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.

Mention the American Florist when writing



Rockford, Ill.

**H.W. Buckbee**



# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Brooklyn, N. Y.



319 MAIN PHONE.  
272 Fulton Street.

All orders by mail, telegraph, etc., will receive careful attention and prompt delivery anywhere in Greater New York, Long Island and New Jersey. Established 1874.

Terre Haute, Ind.

**John G. Heint & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

Dallas, Texas.

**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

Washington, D. C.

**GEO. H. COOKE**

**FLORIST**

Connecticut Avenue and L Street.

Rochester, N. Y.

**J. B. KELLER SONS,**  
**FLORISTS**

25 Clinton Avenue, N.  
Rochester Phone 506. Long Dist. Bell Phone 2189

St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery in this section from the

**LEADING FLORISTS OF THE NORTHWEST.**

Kansas City, Mo.

**Geo. M. Kellogg**  
**Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut Flowers, Funeral Designs, Wedding and Birthday Gifts that may be entrusted to them

St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

**Young & Nugent**

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

Out of town Florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

**FLORIST**

60 KEARNEY STREET.

**Name Index to Retail Florists**  
**Filling Telegraph Orders.**

Anderson Floral Co., The, Anderson, S. C.  
Anderson, S. A., 440 Main St., Buffalo, N. Y.  
Atlanta Floral Co., 41 Peachtree St., Atlanta.  
Baer, Julius, 138 E. Fourth St., Cincinnati.  
Berternann Bros. Co., Indianapolis, Ind.  
Blackstone, 14th and H Sts., Washington.  
Boland, J. B., 60 Kearney St., San Francisco.  
Brettmeyer's Sons, John, Detroit, Mich.  
Buckbee, H. W., Lockford, Ill.  
Cleveland Cut Flower Co., The, Cleveland, O.  
Clark's Sons, David, 2139 Broadway, New York.  
Cooke, Geo. H., Washington, D. C.  
Cross, Eli, 25 Monroe, Grand Rapids, Mich.  
Crump, Frank, Colorado Springs, Colo.  
Daniels & Fisher, Denver, Colo.  
Darda, 44th and Madison Ave., New York.  
Dunlop's, 96 Yonge St., Toronto, Can.  
Eyes, H. N., Pearl St., Albany, N. Y.  
Galvin, Thos. F., Inc., 124 Tremont St., Boston.  
Gasser Co., The J. M., Cleveland, O.  
Geny Bros., Nashville, Tenn.  
Grand Rapids Floral Co., Grand Rapids, Mich.  
Gude Bros., Washington, D. C.  
Hartmann's Rosary, 2654 E'way, New York.  
Heint & Son, John G., Terre Haute, Ind.  
Hess & Swoboda, 1415 Farnum St., Omaha.  
Hoffman, Florist, Boston.  
Holm & Olson, St. Paul, Minn.  
Keller Sons, J. B., Rochester, N. Y.  
Kellogg Flower and Plant Co., Geo. M., Kansas City, Mo.  
Kiss, Robert, 1725 Chestnut, Philadelphia.  
Lange, A., 44 E. Madison St., Chicago.  
Lapes, J. E., Cedar Rapids, Ia.  
McConnell, Alex., 571 8th Ave., New York.  
Malandre Bros., 2094 Broadway, New York.  
May & Co., L. L., St. Paul, Minn.  
Matthews, 16 W. 3rd St., Dayton, O.  
Murray, Sam'l, 913 Grand Ave., Kansas City.  
Myer, Florist, 809 Madison Ave., New York.  
Park Floral Co., The, Denver, Colo.  
Palmer & Son, W. J., 304 Main St., Buffalo.  
Penn, the florist, 43 Bromfield St., Boston.  
Phillips, John J., 272 Fulton St., Brooklyn.  
Poltworth Co., C., Milwaukee, Wis.  
Reimers, M. D., 223 S. 4th Ave., Louisville, Ky.  
Rock Flower Co., Wm. L., Kansas City, Mo.  
Schulz, Jacob, 550 S. 4th Ave., Louisville, Ky.  
Shaffer, 14th and I Sts., N. W., Washington.  
Small & Sons, J. H., 153 Broadway, New York.  
Sor, 14th and G Sts., Washington, D. C.  
Smith Co., A. W., Keenan Bldg., Pittsburg, Pa.  
Smith, Henry, Grand Rapids, Mich.  
Texas Seed and Floral Co., Dallas, Tex.  
Weber, F. H., St. Louis, Mo.  
Walker & Co., P., 634 4th Ave., Louisville, Ky.  
Wilson, J. S. and 5 Greens Ave., Brooklyn, N. Y.  
Witbold Co., Geo., 737 Buckingham Pl., Chicago.  
Wolskill Bros., 216 W. 4th St., Los Angeles, Cal.  
Young's, 1406 Olive St., St. Louis, Mo.  
Young & Nugent, New York.

St. Paul, Minn.  
Keller Sons, J. B., Rochester, N. Y.  
Kellogg Flower and Plant Co., Geo. M., Kansas City, Mo.  
Kiss, Robert, 1725 Chestnut, Philadelphia.  
Lange, A., 44 E. Madison St., Chicago.  
Lapes, J. E., Cedar Rapids, Ia.  
McConnell, Alex., 571 8th Ave., New York.  
Malandre Bros., 2094 Broadway, New York.  
May & Co., L. L., St. Paul, Minn.  
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Small & Sons, J. H., 153 Broadway, New York.  
Sor, 14th and G Sts., Washington, D. C.  
Smith Co., A. W., Keenan Bldg., Pittsburg, Pa.  
Smith, Henry, Grand Rapids, Mich.  
Texas Seed and Floral Co., Dallas, Tex.  
Weber, F. H., St. Louis, Mo.  
Walker & Co., P., 634 4th Ave., Louisville, Ky.  
Wilson, J. S. and 5 Greens Ave., Brooklyn, N. Y.  
Witbold Co., Geo., 737 Buckingham Pl., Chicago.  
Wolskill Bros., 216 W. 4th St., Los Angeles, Cal.  
Young's, 1406 Olive St., St. Louis, Mo.  
Young & Nugent, New York.

New York.

**MYER, FLORIST** 609-611 Madison Ave  
Phone 5297 Plaza

Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your orders for Designs and Cut Flowers in Michigan

Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN

Boston, Mass.



"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We cover all points in New England.

43 BROMFIELD STREET.

Mention the American Florist when writing

New York.

Established 1849

**David Clarke's Sons**

**FLORAL DECORATORS**

2139-2141 Broadway

Telephones:  
1552-1553 Columbus. Choice Cut Flowers

Mention the American Florist when writing

Louisville, Ky.

Established 1880

Orders for delivery in this city and every city in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers.

.....223 S. Fourth Avenue

Mention the American Florist when writing

Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.

Long Distance Phone.

Grand Rapids, Mich.

**ELI CROSS**

Wholesale and Retail Florist

25 Monroe St.

Mention the American Florist when writing

Cedar Rapids, Iowa.

**F. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut Flowers in Iowa and the Middle West.

Mention the American Florist when writing

Anderson, S. C.

**THE ANDERSON FLORAL CO.**

533 MARSHALL AVE.

Mention the American Florist when writing

Michigan.

Orders will be carefully cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

**Artistic Designs.  
High grade Cut Blooms.**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON  
D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

**KEENAN BLDG.**

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

**FLORAL DESIGNS AND FLOWERS**

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinsloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

**FLORISTS.**

Phones: Home 1388, Cumb, Main 1388 A.  
..... 634 Fourth Avenue.

New York.

**Established 1874.**

**DARDS**

**N. E. Corner 44th St.  
and Madison Ave.**

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Mention the American Florist when writing

**City Index to Retail Florists  
Filling Telegraph Orders.**

Albany, N. Y.—Eyles, 11 N. Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg F & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—P. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Geary Bros.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heintz & Son.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,  
NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXMCNNELL  
Western Union Code.

Mention the American Florist when writing

Chicago.

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**  
304 Main Street.

Members Florists' Telegraph Association.  
Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
NORTHERN OHIO.

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.  
Write Telegraph or Telephone!

Los Angeles, Calif.

**Wolfskill Bros.**

**FLORISTS**

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only the Best  
**Dunlop's**  
96 Yonge Street.  
We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene N.Y. President; L. H. Vaughan, Chicago, First Vice-President; M. H. Durvee, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention at Milwaukee, Wis., June 20-22, 1911.

A. H. GOODWIN and wife, Chicago, are at Biskra, North Africa, which Mr. Goodwin says is the most interesting place he has ever visited.

SWEET CORNS have dried slowly and some are growing poorly; tests of Stowell's showing 70 to 80 per cent only, are not uncommon.

MRS. CHAS. P. BRASLAN is reported as taking active and tactful direction of the affairs of the Braslan Seed Growers' Co. since the death of Mr. Braslan.

CHICAGO.—Prices on the board of trade February 15 for grass seed were noted as follows: Timothy, \$10 to \$11 per 100 pounds. White clover, from \$22 to \$30.

VISITED CHICAGO: B. F. Brown, Fitchburg, Mass., returning from a 17 weeks' trip to the Pacific coast, reporting the trade in excellent condition; Chas. Schwake, representing Chas. F. Meyer, New York.

CONTRACTS for 1911 crops of peas are reported as well closed up to the stock seeds in hand. White cabbage growers predict a short Long Island acreage because of lice and drought. Vine seed contract prices are being advanced.

A BILL has been introduced in the Iowa legislature which, if it becomes law, will permit seedsmen to sell insecticides and fungicides. The sale of insecticides and fungicides in that state, it is said, has been in the hands of the drug trade exclusively for the past 25 years.

NEW YORK.—Among the stores it is reported that business (mail orders chiefly) is gradually assuming normal conditions, a steady increase from day to day being apparent. With snow on the ground and general winter conditions prevailing, the counter trade has not yet become very active.—Representatives of most of the seed houses attended the annual dinner of the Yonkers Horticultural Society, which took place in that suburb on Tuesday, February 7.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

**SAN JOSE, CALIF.**

## Ask Your Congressman Where He Stands.

Now is the time to ask your representative if he has read the corrected hearings on seed bill H. R. 29163 and if he is now satisfied that the garden and flower seed dealers should not be legislated against or put under a prison penalty law. It is very important that you know now and know how your senators stand. Communicate that knowledge to Chairman Woodruff at Orange, Conn.

## Federal Regulation of Corns.

FROM SEEDMEN'S WASHINGTON HEARINGS.

Mr. White—Is congress ready to embark on the field of federal regulation with regard to saying that the purchaser of every 5-cent packet of seeds, or every \$2 pair of shoes, or every ice-cream freezer, or anything of that kind, shall get his money's worth?

Mr. Adamson—We have already entered upon it, and in less than 25 years they will trim the corns and toe nails and name the babies. (Great laughter.)

## The Cannerns Convention.

The unanimous opinion of the membership appears to be that the convention closed at Milwaukee, Wis., February 10, was the most successful in the history of the cannerns' association. The seed trade and allied interests were represented by: N. B. Keeney & Son, Le Roy, N. Y. (C. N. Keeney and Frank Stair); Rogers Bros., Alpena, Mich. (A. L. Rogers); John H. Allan Seed Co., Sheboygan, Wis. (E. M. Parmelee, W. B. Lucas); Leonard Seed Co., Chicago (S. F. Leonard, John Leonard, Sam Sibley, John Gary); Jerome B. Rice Seed Co., Cambridge, N. Y. (W. C. Langbridge, C. P. Gueff); Hogg & Lytle, Toronto, Ont. (A. O. Hogg, J. F. Garfat); S. D. Woodruff & Sons, Orange, Conn. (Watson S. Woodruff); The W. W. Barnard Seed Co., Chicago (W. W. Barnard, Arnold Ringier); D. M. Ferry & Co., Detroit, Mich. (C. B. Cole, Theo. Cobb); Madison Seed Co., Manitowoc, Wis. (C. L. Kunz); Manitowoc Seed Co., Manitowoc, Wis. (Albert Guttman); D. Landreth Seed Co., Bristol, Pa. (S. Phillips Landreth, P. M. Minter); Livingston Seed Co., Columbus, Ohio (R. S. Strader); The Everett B. Clark Co., Milford, Conn. (Mr. Clark); Stecher Lithographic Co., Rochester, N. Y. (W. P. Hilton, H. R. Kinsey, A. G. Schneider, C. A. Boller); Brown Bag Filling Machine Co., Fitchburg, Mass. (B. F. Brown); A. T. Ferrell, Saginaw, Mich.

## Sweet Corn Stalk Ensilage.

This subject was treated at the recent Cannerns' convention, Milwaukee, Wis., by N. I. Kelson, secretary of the Lake Mills Canning Co. of Lake Mills, Iowa. The speaker quoted the following analysis of G. W. Patterson, dairy expert of the Northern Iowa Dairy Improvement Association: "Percentage of digestible nutrients in sweet corn stalks—Protein, .94; carbohydrates, .14; fat, .5; dry matter, 22.3. Per cent of digestible nutrients in mature dent corn silage—Protein, .9; carbohydrates, 11.3; fat, .7; dry matter, 20.9." He said in support of this argument: "You will observe that in point of digestible nutrients the sweet corn stalk without the ears exceeds that of the dent corn, including the ears. We find that 100 tons of sweet corn silage contains as much digestible nutrients as does \$261.50 worth of shelled corn at 40 cents per bushel, or \$300 worth of oats at 25 cents per bushel. Again, 100 tons of sweet corn silage contains 27,792 pounds of digestible nutrients. To make these figures are most interesting, and they surely explode the now prehistoric contention that sweet corn stalks are worthless as ensilage."

## Imports.

During the week ending January 7, imports were received at New York as follows:

McHutchison & Co., 118 cases plants. Peter Henderson & Co., 14 packages, one case seed.

Weeber & Don, two packages seed. H. Frank Darrow, two cases trees. To others: 929 bags, 385 packages, 90 barrels and 25 cases seed; 217 cases plants, eight packages ferns, five boxes ferns.

During the week ending January 14, imports were received at New York as follows:

Peter Henderson & Co., 200 cases and 71 bags seed.

H. Frank Darrow, 153 packages, and 16 bags seed, 105 bags peas, 20 cases plants.

McHutchison & Co., 100 cases plants, 15 cases trees, two cases trees and shrubs.

Aug. Rolker & Son, 100 cases plants. F. D. Woodruff & Sons, 34 bags seeds and peas.

Vaughan's Seed Store, 18 packages and 15 bags seed, six cases trees.

Wm. Elliott & Sons, 13 bags seed. Reed & Keller, three crates dried plants.

Weber & Don, one case seed. J. M. Thorburn & Co., one case seed. To others: 2,062 bags, 522 barrels, 365 packages, 289 boxes, 216 cases and 202 sacks seed, 248 cases plants, 18 packages and 13 cases trees, 10 cases bulbs, one box ferns.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

**Alfred J. Brown Seed Co.**  
Grand Rapids, Mich.

## For Sale or Exchange

Established business of thirty-five years, with record of unbroken prosperity, will be sold or exchanged for improved city real estate. Reason for selling, desire to retire from active business. Address

**Key 394, care American Florist.**  
Mention the American Florist when writing

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce Onion, Sweet Peas, Aster, Cosmos, Mignonne, Verbena in variety.  
Correspondence Solicited.

Mention the American Florist when writing

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

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**Florists and Seedsmen, Scratch or Pou'try Food**

Sell Your Own  
We will make it for you under your own brand for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Johnson of Atlantic City, N.J., on Oct. 27th 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and Square Deal Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
**J. BOLGIANO & SON, Importers and Wholesalers**  
(Established for 92 years) Baltimore, Md.

Mention the American Florist when writing

## ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

During the week ending January 21, imports were received at New York as follows:

H. Frank Darrow, 70 cases plants, 10 bare seed, 10 cases trees.

McHutchison & Co., 50 cases plants.

Peter Henderson & Co., 50 bags, one barrel, one box and one case seed.

Henry Nungesser & Co., 50 bags seed.

Wm. Elliott & Sons, 32 packages seed.

Vaughan's Seed Store, four boxes and two packages seed.

C. P. Lockner, two cases lily of the valley pips.

J. M. Thurnburn & Co., one case seed.

To others: 5,378 bags, 322 packages, 40 sacks, 18 barrels and two boxes seed, 217 cases lily of the valley pips, 105 cases and one box plants, five cases and two crates trees, five boxes ferns.

**YANKTON, S. D.**—The Gurney Seed Co., with the idea of encouraging flower growth, gave seed to the school children and offered prizes for the best gardens. The prizes have been awarded and the results were satisfactory.

## OREGON GROWN ASTER SEED

Yamhill Co., Oregon is the natural home of the Aster, and any one desiring seed of **HIGH GRADE COMMERCIAL QUALITY** will do well to try our seed for 1911. Ask for our new descriptive booklet  
**CREGO ASTER SEED**, pink, shell pink, white or purple ..... Tr. pkt., 25c; 4 pkts., 75c; oz., \$4.00  
**VICK'S ROCHESTER**, lavender pink ..... Tr. pkt., 25c; 4 pkts., 75c; oz., 4.00  
**LADY ROOSEVELT**, bright pink ..... Tr. pkt. 20c; 4 pkts. 60c; oz., 3.00  
**HERBERT & FLEISHAUER**, Aster Specialists, McMinnville, Oregon  
Special prices to seed-men ..... Contracts taken for 1911.  
Mention the American Florist when writing

## The Crego Aster

"The Best in the Market." In white, shell pink, rose pink and violet-blue. The latter new this year. Buy direct from the originator and get the best. 1½-oz. \$1; ½-oz. \$2; 1-oz. \$4; cash with order. Full instructions for growing with each order for ¼-ounce or more.

**G. S. CREGO, 736 East Main St., Portland, Oregon.**

Mention the American Florist when writing

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
PEDRICKTOWN, N. J.

Mention the American Florist when writing

## J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.

Branches: Michigan MILFORD, CONN.  
and Wisconsin.

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

**Schilder Bros., Chillicothe, O.**

ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy.

Mention the American Florist when writing

## SEEDS

OF ALL KINDS APPLY TO

**W. W. JOHNSON & SON, Limited,**  
Boston, England.



## Tuberos Begonias

|                               | Per 100 |
|-------------------------------|---------|
| Single { Scarlet.....         | \$2 50  |
| White.....                    | 2 50    |
| Pink.....                     | 2 50    |
| Yellow.....                   | 2 50    |
| Doubles, colors as above..... | 4 50    |

## LILY OF THE VALLEY

|                                    | No. in Case | Per 1000 |
|------------------------------------|-------------|----------|
| Premium, dormant.....              |             | \$12 00  |
| International, dormant.....        |             | 10 00    |
| London Market (storage stock)..... |             | 14 00    |

## Longiflorum (Multis)

|                     | No. in Case | Per 100 |
|---------------------|-------------|---------|
| 7 to 9 inches.....  | 300         | \$5 00  |
| 9 to 10 inches..... | 200         | 7 00    |

## Giganteum

|                     | No. in Case | Per 100 |
|---------------------|-------------|---------|
| 7 to 9 inches.....  | 200         | \$6 75  |
| 9 to 10 inches..... | 200         | 9 75    |

## Auratum

|                      | No. in Case | Per 100 |
|----------------------|-------------|---------|
| 8 to 9 inches.....   | 225         | \$ 5 50 |
| 9 to 11 inches.....  | 125         | 8 50    |
| 11 to 12 inches..... | 75          | 14 00   |

## Speciosum Rubrum

|                      | No. in Case | Per 100 |
|----------------------|-------------|---------|
| 8 to 9 inches.....   | 225         | \$ 4 75 |
| 9 to 11 inches.....  | 125         | 8 00    |
| 11 to 12 inches..... | 100         | 13 00   |

## Speciosum Album

|                     | No. in Case | Per 100 |
|---------------------|-------------|---------|
| 8 to 9 inches.....  | 225         | \$ 5 50 |
| 9 to 11 inches..... | 125         | 10 00   |

## TUBEROSES

|                            | Per 1000 |
|----------------------------|----------|
| Dwarf Pearl, 1st size..... | \$8 00   |

## GLADIOLUS

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Princes.....                | \$11 60 |          |
| Mrs. Francis King, 1st..... | 2 65    | \$23 00  |
| 2nd.....                    | 2 25    | 18 00    |
| Augusta 1st size.....       | 1 85    | 16 00    |
| 2nd size.....               | 1 75    | 14 00    |
| America, 1st size.....      | 3 50    | 30 00    |
| 2nd size.....               | 3 25    | 27 00    |

**Vaughan's Seed Store,**  
CHICAGO.

Mention the American Florist when writing

## Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

**CHR. OLSEN, Odense, Denmark**

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.



# NEW CARNATIONS

Immediate delivery on White House, the "King of the Whites." Will bring a higher price in the flower market than any other white. Princess Charming a beautiful light pink. Washington, a Lawson colored sport of Enchantress. Christmas Cheer, the ideal Christmas red. Bonfire, Hill's splendid scarlet. February delivery, \$12.00 per 100; \$100.00 per 1000.

## NEW ROSES

Lady Hillingdon, Mrs. Aaron Ward and Melody, three fine yellows. Rose Queen, the finest thing in pink. Radiance and Double Pink Killarney. Now booking orders, for March delivery. If you did not receive our catalogue, write for it.

## CHRYSANTHEMUMS

Novelties and standard varieties. We carry 85,000 stock plants and can fill any order you favor us with.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

### GREGORY'S SEEDS

90 cents worth for  
25 cents in coin

1 pkg. Aster, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Fanny, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Coreopsis, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Poppy, Gregory's Fancy Double Mixed Annuals, . . . 15c.  
1 pkg. Mignonette, Gregory's Large Flowering, very rich, . . . 15c.  
1 pkg. Bachelor Button, Gregory's Finest Mixture, . . . 15c.  
1 pkg. Petunia, Gregory's Finest Hybrid Mixture, . . . 15c.  
1 pkg. Candytuft, Gregory's Finest Mixed, . . . 15c.  
1 pkg. Nasturtium, Dwarf, Finest Mixed, . . . 15c.  
1 pkg. Sweet Peas, Extra Choice Mixed, . . . 15c.



10 packages sent for 25c in coin.  
In addition to above, will send FIVE of our regular FIVE CENT PACK-  
AGES of Vegetable seed, our selection, with beautiful Catalogue, if this paper is mentioned with order.

J. J. H. GREGORY & SON, 148 Elm St., MARLBOROUGH, MASS.

### Asparagus Plumosus Nanus

GREENHOUSE GROWN SEED  
DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

**A. HENDERSON & CO.,**  
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### John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas, Tomatoes, Lima Beans, Lettuce, Asters, Cosmos and other Flower Seeds.

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Importers and Growers of

**Seeds, Bulbs, Plants**  
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Telephone 2223 Cortlandt,  
72 Cortlandt Street, NEW YORK  
Write for our 1911 Spring Catalogue.

### SEEDS

Can sell surplus stock and locate supplies through our confidential Reporting Letter to the trade; also gives valuable market and seed crop reports which every seedsmen needs. Write for particulars.

**SEED TRADE BUREAU,**  
713 Postal Telegraph Bldg CHICAGO, ILL.

### Geo. A. Kuhl,

WHOLESALE AND RETAIL  
FLORIST,

PEKIN, : ILL.

### 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2 1/4 in. pots; place your orders early so as to secure early delivery. We would also be pleased to fill your order for Aster Seed as we have one of the finest strains known as well as a good list of the standard kinds.

**ELMER D. SMITH & CO.,** Adrian, Mich.

—CHOICE GERMAN—

### FLOWER SEEDS

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

**FREDERICK ROEMER,**  
Seed Grower, QUEDLINBURG, GERMANY.  
Mention the American Florist when writing

### Henry Fish Seed Co. Bean Growers

• For the Wholesale Seed Trade. •

### CARPINTERIA, CALIF.

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**H. WREDE,**  
LUNEBURG, GERMANY  
**PANSY SEED**

1 1/2 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed, . . . 25c  
1 oz. . . . \$2.25

Price list on application. Cash with order  
Mention the American Florist when writing

**Cannas** David Harum, Egandale, Chas. Henderson, Duke of Marlborough, King Humbert. True to name. Write for prices.

**Dracaena Indivisa**, 3-in. . . . . \$5.00 per 100  
Extra strong Boston and Whitman Ferns, 4 in. \$2.00 per dozen.

**W. W. COLES,** Kokomo, Ind.  
Mention the American Florist when writing

### FUCHSIAS

Little Beauty, Lord Byron, Tenner Strong 2 1/4 in. White Beauty, E. Roman. \$4.00 per 100.



**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

Please mention the American Florist when writing

### CARNATION Rooted Cuttings

On Liberal Terms.

| Name               | Color      | CO     | 1000    |
|--------------------|------------|--------|---------|
| Dorothy Gordon,    | Deep pink  | \$5.00 |         |
| Sara Nicholson,    | Dark red   | 4.00   | \$35.00 |
| Heacon,            | Red        | 3.00   | 25.00   |
| Victory,           | Red        | 3.00   | 25.00   |
| Winona,            | Deep pink  | 3.00   | 25.00   |
| Rose Enchantress,  | Deep pink  | 3.00   | 25.00   |
| Winsor,            | Deep pink  | 3.00   | 25.00   |
| Enchantress,       | Light pink | 3.00   | 25.00   |
| May Day,           | Light pink | 3.00   | 25.00   |
| White Perfection,  | White      | 3.00   | 25.00   |
| White Enchantress, | White      | 3.00   | 25.00   |
| Lady Bountiful,    | White      | 3.00   | 25.00   |
| Bon Ami,           | White      | 3.00   | 25.00   |

Sara Nicholson produced more good blooms than any Dark Red Carnation we have ever seen.

Wanted—Customers for regular shipments of first class Carnation blooms, Lilies, Lily of the Valley, and various kinds of flowering plants. We supply retail trade at wholesale prices and save you the commissionman's profit.

We will extend liberal credit to parties of good standing.

Send us your orders early.

**SHEPARD'S GARDEN CARNATION CO.,**  
292 Fairmount St., LOWELL, MASS.  
Mention the American Florist when writing

### QUALITY PLANTS

|                                         | Per 100 | Per 1000 |
|-----------------------------------------|---------|----------|
| 2 1/2-inch Boston, Whitman and Scottil. | \$3.50  |          |
| 3-inch                                  | 8.00    |          |
| 4-inch Boston and Scottil.              | 15.00   |          |
| 4-inch Whitman                          | 12.50   |          |
| 5-inch Boston and Whitman               | 20.00   |          |
| Asparagus Plumosus, 2-inch              | 2.50    |          |
| " 3-inch                                | 2.00    |          |
| " 4-inch                                | 10.00   |          |
| Asparagus Sprenger, 4-inch              | 7.00    |          |
|                                         | Per 100 | Per 1000 |

**Vinca Variegata**, out of 2-inch pots. (These are divisions from field-grown stocks and will make fine plants.) \$2.00 \$18.00

**Shasta Daisy Alaska**, 2-inch. 2.00 5.00

**Salvia Splendens**, 2-inch. 1.50 12.50

**Coleus**, Golden Bedder, Verschafeltii and others 1.50 12.50

Cash, please.

### THE REESER PLANT COMPANY

Successor to  
Reeser & Youngstrand, Springfield, Ohio  
Mention the American Florist when writing

# Dreer's Seasonable Bulbs

The Begonias and Gloxinias we handle are produced for us by a specialist of many years' experience. You can buy cheaper, but not better stock.

## TUBEROUS BEGONIAS

Single In Separate Colors. Scarlet, Crimson, Rose, White, Yellow and Orange, 40c per doz.; \$2.50 per 100. \$22.50 per 1000.  
 Single In Choicest Mixture. 35c per doz.; \$2.25 per 100; \$20.00 per 1000.  
 Doubles in Separate Colors. Scarlet, Rose, White and Yellow, 60c per doz.; \$4.50 per 100; \$40.00 per 1000.  
 Doubles in Choicest Mixture. 50c per doz.; \$4.00 per 100; \$35.00 per 1000.  
 Frilled in Separate Colors. Scarlet, White, Pink and Yellow. These have wavy and frilled petals like some of the newer Petunias. \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.  
 Duke Zeppelin. Rich scarlet 85c per doz.; \$6.00 per 100.  
 Frau Helene Harms. New yellow. \$2.00 per doz.  
 Lafayette. Crimson-scarlet. \$1.50 per doz.; \$10.00 per 100.

## GLOXINIAS

Choicest Mixture, or in Separate Colors, as Blue, Red, White, Red with white edge, and Blue with white edge, 60c per doz.; \$3.50 per 100; \$30.00 per 1000.  
 New Emperor (Gloxinia Hybrid Imperialis). A new type, a cross between Sinigla Regina and the best types of Hybrid Gloxinias. This not only covers a full range of colors as in the ordinary type of Gloxinia, but the foliage also is very ornamental, the leaves being of a rich bronzy red color with strong projecting white veins. The flowers all stand erect, thus showing to best advantage. We offer in choice mixture, \$1.25 per doz.; \$3.00 per 100.

## FANCY LEAVED CALADIUMS

We have the largest stock in the world. Over 400 varieties, including not only all the good standard sorts but many new varieties never offered in quantity before.

This is one of the most valuable plants for decoration of the florists' store window during the summer months and during recent years we have sold many thousands for this purpose. We especially recommend the choice rare and new varieties at \$15.00 per 100 for this purpose.

We offer special selections according to variety as follows:

Choice Standard Varieties. The finest collection ever offered at the price. \$1.75 per doz.; \$12.00 per 100; \$100.00 per 1000.

Choice Rare and New Varieties. A splendid assortment, especially valuable for the retail florist. \$2.25 per doz.; \$15.00 per 100; \$140.00 per 1000.

Rare New Varieties. The most recent introductions. \$3.50 per doz.; \$25.00 per 100.

Choice Mixture, \$1.50 per doz.; \$10.00 per 100; \$80.00 per 1000.

Dreer's Select Gloxinia.

Gladiolus, Tuberoses, Ismene, Montbretias, Tigridias and other Summer Flowering Bulbs are offered in our **QUARTERLY WHOLESALE LIST**, and also a full list of Seasonable Plants, Seeds, etc. Write for it if you have not already received a copy. **THE ABOVE PRICES FOR THE TRADE ONLY.**

**HENRY A. DREER, Inc.,** 714 Chestnut Street, Philadelphia, Pa.

## NEW RED DAHLIA MRS. MINNA BURGLE.

A cross between Joe Thomson and Clown, originated by Mr. J. Burgle of Fruitvale, Calif. and named after his wife Mrs. Minna Burgle is the best Red Corative Dahlia ever produced, and will precede every other red variety now grown for cut flowers here or abroad and will draw your attention instantly when planted in a collection of dahlias: one of the most showy flowers ever created.

True decorative, bright scarlet showing a darker shading in center, bold, erect flowers 6 to 8 inches in diameter with excellent stem: foliage remarkable substance; height 5 to 6 feet; good keeper and will not burn in hot weather and more freely blooming than either parent. This variety has been tested by me for three years and has shown no weak points. A vase of 50 blooms shown by me and a basket of Mrs. Minna Burgle Dahlias exhibited by Sievers Floral Co., of San Francisco, both received first prize in the Fall Flower Show in San Francisco and caused more comment among gardeners and visitors than any other exhibit. Cut flowers sold for the first time last year brought 50 per cent more than any other variety of dahlias, including Joe Thomson.

Strong tubers, \$1.00 each; \$9.00 per dozen.

**PAUL H. ECKELMANN,** San Rafael, Calif.

## GLADIOLUS

Cinnamon Vines, Madeira Vines, Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

**E. S. MILLER,** Wading River, N.Y.

## Trade Directory

PRICE: \$3.00, postpaid.

**AMERICAN FLORIST CO.**

324 Dearborn St.,

CHICAGO

Branch Houses:

United States, Germany, South America:

Home Office and Nurseries:

Sassenheim, Holland.

We are now booking orders — Can we supply you?

## Gt. van Wavern & Kruijff,

The Sign of Quality.

We are the largest growers of Bulbs, Spireas and Dahlias in Holland.

Originators of Spirea Gladstone and Queen Alexandra

Specialties: Hyacinths, Tulips, Daffodils, Gladiolus, Iris, Peonies, Dahlias, Spireas.

Write for our complete catalogue, just from the press.  
 State whether Bulbs or Dahlias wanted.

**Gt. van Wavern & Kruijff,** Branch House, 491 Bourse Bldg., PHILADELPHIA, PA., U. S. A.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

Specialties: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asirgs, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world. \$5.00 per oz.; \$1.50 per 1/2 oz.; 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice President;  
S. W. Severance, 508 Illinois Life Building, Louisville Ky., Secretary; M. L. Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

DAVENPORT, IA.—A proposition for the erection of an immense greenhouse plant in which to grow cucumbers and tomatoes was submitted to the citizens' committee of Bettendorf by J. W. Davis, and they have the matter under consideration. The project involves the outlay of \$60,000.

### Prices of Indoor Fruits and Vegetables.

New York, February 11.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each; lettuce, \$1.25 per dozen heads; tomatoes, 40 cents per pound; radishes, 85 cents per dozen bunches; asparagus, \$7 per dozen bunches; rhubarb, 75 cents to \$1.25 per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 35 cents per quart.

Chicago, February 13.—Mushrooms, 15 cents per pound; cucumbers, \$1.75 to \$2.00 per box, small; lettuce, 25 cents to 30 cents per pound; radishes, 20 cents to 40 cents per dozen bunches; rhubarb, 30 cents per dozen bunches.

### Sweet Corn.

At the recent canners' convention, Milwaukee, Wis., problems incident to the growing of sweet corn were touched upon by C. H. Smith of Faribault, Minn. He told the canners "How to Grow Sweet Corn," and advised that the corn be planted in checks, as this system allowed of cross-cultivation, a thing not possible where the seed is planted in drills. He advanced the following: "I think many growers make a mistake in planting too far apart, especially the early varieties. Three feet six inches or three feet eight inches will not give the heaviest crop in early varieties. I should plant three feet or three feet two inches at most for early varieties, especially on sandy soils. Since for the corn alone the grower will not usually receive as much for a crop of sweet corn as the cash value of a crop of field corn grown on the same soil, and given the same care, we have another reason for this closer planting."

### Early Tomatoes.

"Growing of tomatoes for early market" is the title of Bulletin No. 144 issued by the Experiment Station of the University of Illinois and treats of the experiments carried on during the last four years in the uses of different fertilizers and manner of growth, with instructions on making hotbeds, spraying the plants and picking and packing the fruit. The following are the principal deductions as the result of the experiments: large, well developed plants are essential to the production of large yields of early tomatoes; mature hotbeds are more cheaply constructed than fire hotbeds, but are less reliable in cold weather; for early tomatoes, the seed is sown in February; the plants must be carefully hardened off before they are set in the field; the

pruning and training of plants to single stems reduces the yield, and does not increase the sizes; tomatoes for shipment should be picked before they are fully colored; rigid grading is essential, and smooth fruited varieties should be grown for the trade.

### Experiments With Asparagus Rust.

In the circular issued by the Massachusetts Asparagus Growers' Association for the benefit of its members, the results of the plant breeding experiments which have been carried on at the station in Concord are reported as very encouraging. Although the rust played havoc with seedlings all over

the bed during the season of 1910, yet there were little rows of seedlings from special matings which grew strongly and remained green throughout the season, and it is hoped by Professor Norton who has conducted the experiments, to develop a strain that will be resistant to the rust.



Watch for our Trade Mark stamped on every brick of Lambert's

### Pure Culture Mushroom Spaw

Substitution of cheaper grade is thus easily exposed. Fresh sample brick with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spaw Co., St. Paul, Minn.



ENGLISH, Best quality, arriving constantly. Spaw is from } 25 lbs. .... \$2.00 selected specimens } 100 lbs. .... 6.50 AMERICAN. Our monthly shipments from the manufacturer include all the varieties.

Garden City } 25 bricks ..... \$ 3.50 Pure Culture } 100 bricks ..... 12.00

### VAUGHAN'S SEED STORE,

CHICAGO: 84-86 Randolph St. NEW YORK: 25 Barclay St.

## Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 136 page, 25th anniversary, catalogue contains true description and no over-drawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Gardeners' Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE,

Box 700  
Established 1886

Beatrice, Neb.

# To Seedsmen and Florists



## Tuberoses Bulbs

I size, 4-6  
Mammoth 6-8



## Gladioli

Mrs. Francis King  
America  
Princesps  
Augusta



## Caladiums

All sizes



## Lilies

All kinds  
All sizes



## All Other Bulbs

Seasonable now



## Quotation and Samples

Will pay you. Write now

CHICAGO

Vaughan's Seed Store,

NEW YORK

## A Grand New Carnation

## Bright Spot

Outclasses everything heretofore grown in the dark pink class.

Won first honors in the 100 class for the best dark pink at the A. C. S. meeting, Pittsburg, January 1910, also at the Chicago Flower show, November, 1909.

It is a pure bright dark pink of even shade, size  $3\frac{1}{2}$  inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price per 100, - \$ 12.00 Price per 5000, - \$400.00  
" 1000, 100.00 25 at 100, 250 at 1000 rates

Place your order now to be in on early deliveries.

NIC. ZWEIFEL, North Milwaukee, Wisconsin.

## CARNATIONS

## Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

|                                 | Per 100 | 1000     |
|---------------------------------|---------|----------|
| White Wonder, Our new white.... | \$12 00 | \$100 00 |
| Gloriosa Our new pink.....      | 12 00   | 100 00   |
| Pink Delight.....               | 6 00    | 50 00    |
| Scarlet Glow.....               | 6 00    | 50 00    |
| Rheata.....                     | 6 00    | 50 00    |
| Sangamo.....                    | 6 00    | 50 00    |
| Dorothy Gordon.....             | 6 00    | 50 00    |
| J. W. Riley.....                | 6 00    | 50 00    |
| Admiration.....                 | 6 00    | 50 00    |
| White Perfection.....           | 3 00    | 25 00    |
| Winona.....                     | 3 00    | 25 00    |
| Enchantress.....                | 3 00    | 25 00    |
| Rose Pink Enchantress.....      | 3 00    | 25 00    |
| Beacon.....                     | 3 00    | 25 00    |

F. DORNER & SONS CO.,

LaFayette, Ind.

Mention the American Florist when writing

## Ferns for Dishes

|                                     | Per 100 | Per 1000 |
|-------------------------------------|---------|----------|
| 2 1/4-in. ....                      | \$3.50  | \$30.00  |
| 500 at 1000 rates. Cash with order. |         |          |

FRANK OECHSLIN,

4911 Quincy St.,

CHICAGO

Mention the American Florist when writing

## Boston Ferns...

2 1/2-in. \$30.00 per 1000

## WHITMAN FERN

2 1/2-in., \$5.00 per 100; \$40.00 per 1000.

250 at 1000 rate.

Magnifica, 2 1/2-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

## Verbenas,

70c per 100;  
\$6.00 per 1000.

Colerus, 70c per 100, \$6.00 per 1000; Ageratum, 60c per 100, \$5.00 per 1000; Daisies, \$1.00 per 100; \$8.00 per 1000; Heliotrope, \$1.00 per 100, \$8.00 per 1000; Alyssum, 8c per 100.

Everything named. Express paid. Cash with orders.

S. D. BRANT, Clay Center, Kans.

Mention the American Florist when writing

## Don't Forget, in the Rush

That You'll Need Stock Later on.

For example, there's your

## Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth, evenly graded, disbud-d, well-rooted stocks, especially selected for florists' grafting.

## Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1.70 to the case).

Perfection, \$12.00 the thousand (2.00 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3.00 to the case).

## Lilacs

Imported, pot-grown, for cut flowers; bushy, suitable for 7 or 8 inch pots, 50c each; \$5.00 the dozen. Charles X only.

## Half-Standard Roses

Baby Rambler and Mrs. Cutbush, 50c each; \$5.00 the dozen. No better at any price. Full Standard Baby Rambler, same.

## Bush Roses

Fine assortment leading H. P.'s like Bruner, Charta, Druschki, etc.

Also Hybrid Teas, Ramblers, Dorothy Perkins, etc.

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

## JACKSON &amp; PERKINS CO.

Wholesale Florists and Nurserymen,

NEWARK (Near Rochester), NEW YORK

Mention the American Florist when writing

## Seasonable Stock

Kentia Belmoreana, 2 1/2-in pot plants \$8.00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15 in. high, \$35.00 per 100; 5-in. pot plants, 15-18 in. high \$60.00 per 100

Nephrolepis Scholzei, 2 1/2-in. \$5.00 per 100; 5 in. strong, \$6.00 per doz; \$40.00 per 100.

Asparagus Sprengeri, Strong 5-in. pot plants, 15c.

Rhododendrons, Fancy forcing varieties. 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

Dracaena Indivisa, 2 1/2-in po stock for growing on at \$3.00 per 100.

Spiraea, large forcing clumps. Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba, \$6.00 per 100. Blondin, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

Heliotrope, Purple in five good varieties, \$3.00 per 100; \$25.00 per 1000.

Boxwood, Bush shape for window boxes or pot sale, very bright foliage and bushy. 10 to 12-in high \$30.00 per 100; 12 to 15 in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

Dahlias, Fine collection of field grown clumps, (Special circular on application)

THE STORRS & HARRISON CO.,

Painesville, O.



## The Nursery Trade

### American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shegandosh, Ia., Vice Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

HELENA, MONT.—The latest additions to the membership of the Florists' and Nurserymen's Association include: H. M. Sloan, Hamilton; S. Hansen, Butte; V. Van Catz, J. Hocking and F. Baugert, Helena, and Senator Fred Whiteside, Kalispell.

ROCHESTER, N. Y.—At the annual meeting of the Western New York Horticultural Society held in this city the following officers were elected: Wm. C. Barry, Rochester, president; Albert Wood, Carleton; S. W. Wedhams, Clarkson; Edward Van Alstyne, Kinderhook; D. K. Bell, Rochester; W. P. Rogers, Williamson, and J. B. Anderson, Geneva, vice-presidents. Samuel Fraser, Geneseo; S. T. Bush, Morton; A. L. Whitbeck, Sodus; Lloyd S. Tenny, Hilton; T. H. King, Trumansburg, executive committee. John Hall was elected secretary-treasurer for the 23rd time.

### Planting Black Walnut Trees.

Twenty-five years from today Griffith park, Los Angeles, Calif., will contain one of the finest groves of Eastern black walnut trees on the Pacific coast, and if the policy of the park commission of that time is in accordance with the ideas of the present board the rising generation will be permitted to gather nuts every fall.

The park board had such a program in mind today when it instructed the superintendent to make a trip to Pomona this week to purchase 3,000 tiny black walnut trees which have been sprouted in the nursery there and which have been offered to the city for 5 cents each—\$150 for the lot. The trees will be set out in Griffith park, which is an ideal location for them. They will be large enough for bearing in ten years, but it will be 25 years before they will be at their best.—Los Angeles Express.

### Davenport, Ia.

Business has been very good, with enough stock to fill all orders. Carnations and roses are not what they ought to be owing, no doubt, to so many cloudy days during January. Plenty of good bulb stock of all kinds and lilies are more plentiful and find ready sale.

### FLORISTS' CLUB MEETING.

The Tri-City Florists' Club met at the home of H. M. Bills February 9 with nearly every member present. Everything points to a grand affair at the coming banquet. The present officers were renominated for the coming year, but several, however, decline to longer serve. Bulbs and Easter was the topic for the evening. During the discussion it was brought out that the Moline people were taking to red for Easter, one florist having a number of advance orders for salvias. Happy Anderson's invitation to meet with him on March 9 was accepted, after which a fine hot luncheon was served and a talk feast took place.

### NOTES.

Everybody was glad to see Uncle John Temple about again after a three weeks' siege of Ia gripple, and sympathized with him in the loss of Old

# Roses! Roses! Roses!

## For Spring Planting or Potting

Being all of superb growth, very strong, delivered on their own roots or grafted on Polyantha (Multiflora) stock, 2 or 3 years old.

### Climbers

Such as Aglaia, Blush Rambler, Claire Jaquier, Crimson Rambler, Frau Helen Vandez Non Plus Ultra Northern Light, Stella Tausendschon, Tea Rambler, Thalia, The Wallflower, Waltham Bride, Bordeaux Gold finch, Buttercup Flower of Fairfield, Lyon Rambler, Starlight, Veichenblau, American Pillar, Grafi Zeppelin, etc., etc.

### Wichuraiana Hybrids

Such as Alba Rubifo a Alberic Barbier, Anna Kubsamann, Auguste Barbier, Debutante, Dorothy Perkins, Elisa Rubichon, Francois Juranville, Francois Poisson, Frau Marie Weinbach, Gardenia Hiawatha Joseph Lamy, Lady Gay, May Queen, Minnehaha.

For all the varieties mentioned above, and others, please apply for Wholesale Price List and particulars.

## Jules Gouchault & Turbat Nurseries

### E. Turbat & Co. Successors. ORLEANS, FRANCE

Pink Roamer, Ruby Queen, South Orange Perfection, Tricolore, Valentin Beaulieu, Wedding Bells, Paradise, Lady Godiva, Coquina, Delight, Diabolo, La Fiamma, Miss Helyett, Newport Fairy, White Dorothy Perkins, Cinderella, Desire, Bergera, Dorothy Dennison, Eisenach, Exelsa, Fri Octavia Hesse, Greta Fey, Jessica, Joseph Liger, etc., etc.

### Dwarf Perpetual Polyanthas

Such as Cecile Brunner, Clotilde Soupert, Gloire des Polyanthas, Katharine Zermel, Leonie Lamesch, Mme. Norbert Levassieur, Marie Pavie, Mrs. W. Cuthusi Mosella, Perle d'Or, Perle des Rouges, Schneewitchen, White Fat, Nana, Levassieur Phyllis, Princess Ena, Cyclops, Gustel Mayer, Jessie, Orleans Rose, White Cecile Brunner, etc., etc.

# Giant Himalaya Berry

Hardy as a oak tree; canes grow 30 to 50 feet in one season; cropped in Michigan last season at rate of 1042 crates to the acre; wood never dies; crops from old wood as well as new every year; Blooms end of June; fruit ripe in August and September; fine for table dessert, pies, jam and jellies. Drop a card for our New Berry Book; it's free. Over 100,000 plants sold since Jan. 1, 1911.

## Berrydale Experiment Gardens, HOLLAND, MICH.



### Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

### Jacs Smits & Co., NAARDEN (Holland)

Ascleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spirea, Valleys.

Price List Free on Demand.

—For the Best New and Standard—

## DAHLIAS

—address—

PEACOCK DAHLIA FARMS,  
Williamstown Junction, N. J.  
Post Office: Berlin, N. J.

Charley, a horse who had done service for 30 years.

Ewoldt Bros. have been very busy with funeral work, having 22 floral pieces for a recent country funeral.

Forber & Bird are sporting a fine new delivery wagon.

### 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants, from 12 inches to 4 feet, will satisfy all in grade and price. Special low prices in car lots for Fall delivery; let me know your wants before purchasing.

Also a fine stock of AMPELOPEPSIS Veitchii, 2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

### ANDORRA NURSERIES.

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

Mrs. Wm. Kneis is reported as greatly improved. T. W. E.

COLUMBUS, O.—The Florists' Club enjoyed a dance at the Varian Academy February 8.

## Geraniums

S. A. Nutt.....\$11.50 per 1000.  
Ricard..... 14.00 Per 1000.  
Poltvine..... 14.00 per 1000.

All sold until the latter part of February

## Coleus

Verschaefelti .....\$6.00 per 1000  
Golden Bedder ..... 6.00 per 1000  
Standards in assortment 5.00 per 1000  
Giant Leaved, extra fine 10.00 per 1000

## Lime

Hydrated and pulverized and bagged, will keep indefinitely in a dry place. Send for circular, or better yet try a half ton. It will be the best investment you ever made. Price \$4.50 cash with order for one half ton.

**ALBERT M. HERR**  
LANCASTER, PA.

Mention the American Florist when writing

## Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University.

Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250-page Catalog free. Write today.

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## Phoenix Nursery Company

**Nurserymen and Florists**  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalog for fall issued Sept. 1st.

Mention the American Florist when writing

## Yokohama Nursery Co.

31 Barclay St., NEW YORK.

Japanese Bulbs, Plants, Seeds and Bamboo Stakes.

WHOLESALE ONLY.

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## JOSEPH HEACOCK CO.

WYNCOTE, PA.

Growers of Fine Kentias

Send for Price List.

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft.....60c 3 to 3½ ft.....95c  
2½ to 3 ft.....70c 3½ to 4 ft.....\$1.25

KENTIA NURSERIES, Santa Barbara, Calif.

# Vaughan's Roses

In our cellars is as fine a collection of DORMANT ROSES as we ever have had the pleasure of handling. You cannot lay in your stock too soon for spring sales. Do not delay until the spring rush is on and then want orders filled hurriedly. Order today.

Prices, unless noted, on 2-year dormant stock, f. o. b. Western Springs Packing charged at cost.

## Ramblers and Climbers

|                                                   | Each   | Doz.    | 100     |
|---------------------------------------------------|--------|---------|---------|
| American Pillar.....                              | \$0 35 |         |         |
| Baby Rambler, 2 year.....                         | 30     | \$ 2 00 | \$14 00 |
| 3 year.....                                       | 25     | 2 50    | 16 00   |
| Standard.....                                     | 1 00   | 10 00   |         |
| Baltimore Belle.....                              | 15     | 1 50    | 12 00   |
| Crimson Baby Rambler (Miss G. Mesmer).....        | 25     | 3 00    |         |
| Crimson Rambler, 2 year.....                      | 20     | 2 00    | 15 00   |
| 3 year.....                                       | 30     | 3 00    | 18 00   |
| Standard.....                                     | 75     | 8 00    |         |
| Delight.....                                      | 1 00   | 10 00   |         |
| Dorothy Perkins, 2 year.....                      | 20     | 2 00    | 15 00   |
| Standard.....                                     | 75     | 8 00    |         |
| Hiawatha.....                                     | 35     | 3 00    | 20 00   |
| Jessie, Improved Baby Rambler, red.....           | 25     | 2 50    | 40 00   |
| Lady Gay, 2 yr.....                               | 25     | 2 50    | 20 00   |
| Standard.....                                     | 75     | 8 00    |         |
| Mrs. Cutbush.....                                 | 25     | 2 00    | 16 00   |
| Newport Fairy.....                                | 35     | 3 50    |         |
| Philadelphia Rambler.....                         | 20     | 2 00    | 15 00   |
| Phyllis, Improved Baby Rambler, pink, 2 year..... | 30     | 3 00    | 22 00   |
| 3 year.....                                       | 35     | 3 50    | 25 00   |
| Tausendschon.....                                 | 30     | 3 00    | 20 00   |
| Veltheimblau, violet blue.....                    | 30     | 3 00    |         |
| Warburg.....                                      | 50     | 5 50    |         |
| White Dorothy Perkins, 2 yr.....                  | 25     | 2 50    | 20 00   |



### PRICE:

Per doz.,  
\$1.75;  
per 100,  
\$14.00.

### PRICE:

Per doz.,  
\$2.00;  
per 100,  
\$15.00.

Alfred Colomb, H. P.  
Baron de Bonstetten, H. P.  
Baroness Rothschild, H. P.  
Capt. Christy, H. T.  
Coquette des Alps, H. P.  
Fisher Holmes, H. P.

General Jack, H. P.  
John Hopper, H. P.  
Magna Charta, H. P.  
Marie Bauman, H. P.  
M. P. Wilder, P.  
Mrs. John Laing, H. P.

Perle des Blancches, Bourbon  
Persian Yellow, Austrian  
Briar.  
Pr. C. de Rohan, H. P.  
Ulrich Brunner, H. P.

American Beauty, H. P.  
Caroline Testout, H. T.  
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Gen. Washington, H. P.  
Giant of Battles, H. P.

Gruss an Teplitz, H. T.  
Hermosa.  
La France, H. T.  
Margaret Dickson, H. P.  
Moss Roses, red, pink and white.

Mrs. R. G. S. Crawford, H. P.  
Paul Neyron, H. P.  
Rugosa Alba and Rubra.  
Wichitara, 5 varieties.

A. E. Carmon, Rugosa, \$16.00.  
Conrad F. Meyer, Rugosa, \$16.00.  
Etoile de France, H. T.  
Farben Konigen, H. T.  
Hugh Dickson, H. P.  
J. B. Clark, H. T.  
K. A. Victoria, H. T., \$18.00.  
Killarney, H. T.

Lady Ashtown, H. T.  
Lyon, each 50c; doz., \$5.50.  
Mme. Abel Chateau, H. T.  
Mme. G. Brunt, Rugosa, \$16.00.  
Mme. Jules Grolier, H. T.  
Natalie Boettner, H. T., each 50c.  
Soleil d'Or, Austrian Briar.

and many other varieties, on which we shall be pleased to quote.

# Vaughan's Seed Store

CHICAGO

NEW YORK

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

# California Privet

|                              | Per 1000 | Per 1000                                  |
|------------------------------|----------|-------------------------------------------|
| 6 to 12 inches, 1 year.....  | \$ 4 00  | 18 to 24 inches, 2 years.....\$10 00      |
| 12 to 18 inches, 1 year..... | 6 00     | 2 to 3 feet, 2 years..... 15 00           |
| 18 to 24 inches, 1 year..... | 8 00     | 3 to 4 feet, 2 years..... 20 00           |
| 2 to 3 feet, 1 year.....     | 10 00    | 4 to 5 feet, 2 years..... 30 00           |
| 3 to 4 feet, 1 year.....     | 15 00    | California Privet Cuttings, 80c per 1000. |

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## Oak Lawn Nursery,

Huntsville, Ala.

## Start Your Season's Business Right

by advertising now in this journal early with advertisers in the

Don't delay. The best orders are placed

AMERICAN FLORIST.



# Roses for 1911

## Dark Pink Killarney.

A sport of Killarney, similar in habit, but more highly colored than Killarney at its best. When Killarney is pale, Dark Pink Killarney is bright and cheerful.

Grafted plants only, from 24-inch pots.  
\$20.00 per 100; \$180.00 per 1000.

## Lady Cromwell.

A shell pink sport of My Maryland that for pleasing color is unsurpassed. A wonderful producer and a color that sells.

Grafted plants only, from 24-inch pots.  
\$30.00 per 100; \$250.00 per 1000.

## Radiance.

Strong in growth and making plenty of stem. Cerise pink in color.

Grafted plants, \$18.00 per 100; \$150.00 per 1000  
Own root, 10.00 per 100; 90.00 per 1000

## Double Pink Killarney.

Originating with Robert Scott & Sons, who supply us the wood for grafting. Stronger growth than Killarney and with at least ten more petals. A wonderful improvement.

Grafted stock only.  
\$30.00 per 100; 250.00 per 1000.

## Mrs. Aaron Ward.

By far the most pleasing of the yellow roses now on the market. A general favorite, and one which will be widely grown, for yellow roses are in demand.

Grafted plants, \$25.00 per 100; \$200.00 per 1000  
Own root, 12.00 per 100; 100.00 per 1000

## Melody.

We have reserved for our orders own root plants of this choice novelty. No grafted plants.

From 24-inch pots,  
\$30.00 per 100; \$250.00 per 1000.

## Prince of Bulgaria

The best prices for cut flowers should be the standard for judging roses, and this rose has been the money getter. Strong and vigorous in growth, and with its beautiful shell pink bloom it has sold on sight. One of the best roses grown.

Grafted plants, \$20.00 per 100; \$180.00 per 1000  
Own root, 15.00 per 100; 120.00 per 1000

## Killarney, White Killarney, Richmond, My Maryland, Kaiserin Augusta Victoria.

These are the old standards, and we are headquarters for young stock.

Grafted plants \$15.00 per 100; \$120.00 per 1000  
Own root, 2 1/2-in. 6.00 per 100 50.00 per 1000

**A. N. PIERSON, Inc., Cromwell, Conn.**

## Geraniums

Per 100  
S. A. Nutt and 6 other vars., 2 1/2-in. pots, \$3.00  
Coteus, 10 varieties, 2-in. pots, 2.00  
Vinca Var., 2-in. pots, 2.50  
Obconica gigantea primula, 2-in. pots, 1.50  
Asp. Plumosus and Sprengeri, 2-in. pots, 2.00  
Asp. Plumosus Seed, \$2.50 per 1000, 60

—Cash—

JOS. H. CUNNINGHAM, Delaware, O.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.

## ROSES

50 Sorts in Leading Varieties. Teas, Hybrid Teas and Hybrid Perpetuals. Nice thrifty 2-inch stock, or large 2-year-old plants. Write for list.

Let us know your wants.

Wagner Park Conservatories, Sidney, O.

## ORCHIDS

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Investigate us.

CARILLO & BALDWIN, Mamaroneck, N. Y.

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

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NEW YORK OFFICE: 258 Broadway, Room 721  
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## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Pest, Live Sphagnum, Orchid Bats, etc. Write for special list and catalogue.

Lager & Hurrell, Summit, N. J.

## ROOM! ROOM! ROOM!

We Want to Spread Out Our Extensive Easter Stock

Therefore we sell—just look!—a fine selection of Decorative Plants, such as Araucarias, Ferns, etc., at bargain prices. Such stock is always in demand.

## Araucarias

### OUR SPECIALTY.

We are the largest importers of these lovely decorative plants, the Araucaria Excelsa, Robusta Compacta and Glauca. 6,000 of the choicest last spring importation now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

Araucaria Excelsa, raised from top cuttings, no seedlings. Plants, 5-5 1/2-6 1/2 in. pots, 15-18 20-25 30-in. high, 3-4 5-6 tiers, 2-3-4-5 years old, 50c, 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant, 6-in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, for only 60c to \$1.00; a jumbo, 6-in. pot, 5-year-old, 25 in. and over, as wide as a bushel basket, 5-6 tiers, for only \$1.00; and what do you think a boly terror, 30 in. and over, 5-6 tiers, worth \$200, for only \$1.25 to \$1.50.

Robusta Compacta, Excelsa Glauca, 6-in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest Araucaria Robusta Compacta and Excelsa Glauca, a house full, for only \$1.25 to \$1.50, worth double.

Adiantum Hybridum, 6-in. pan, 25c to 30c.  
Asparagus Sprengeri, 2 1/2-in. 3c; 4-in., 10c.  
Spiraea Cladstone, started, in 5 1/2-6 in. pots, at 15c, 20c to 25c.

Draena Bruni, 25 to 30 in. high, 6 in. pots, 40c to 50c. Highly recommended for store and house decoration: stands heat, cold and dust.

Latania Borbonica (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

Lilium Multiflorum, our own importation from Japan, raised from 9-10 in. bulbs, started in 6-in. pots last October; have kept cold; now about 5 to 8 in. high, just right for Easter, 25c to 30c each, by the dozen or hundred.

Ipomoea Noctiflorum, our so well-known pure white, waxy Moonvine, bearing flowers very fragrant and as big as saucers, 2 1/2-in. pots, will make good stock for you to propagate from, \$5.00 per 100.



Washington's birthday is before the door. The public is accustomed to buy a cherry for this occasion. We have it raised on purpose for that day. Jerusalem Cherries, big plants with ripe, red berries, 6-in. pots. Look! only 25c, 35c to 50c each.

Azalea Indica, Easter forcing; Vervaneana Professor Wolters, Empress of India, Schryveriana, double variegated, 60c, 75c \$1.00 to \$1.50; Mme Van der Cruysen, Simon Mardner, pink, Niobe, white, Apollo, red, 60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we have Niobe, Helena Thielman, Bernard Andreas Alba, white, Mme. Van der Cruysen, and others, \$1.50, \$2.00 to \$2.50.

Azalea Indica, with buds advanced, showing colors, Deutsche Perle, Vervaneana and Simon Mardner, 60c, 75c, \$1.00 to \$1.25.

Primula Chinesis, mostly white, 5 1/4-in., \$2.50 per doz.

Kentia Forsteriana, in fine shape, 6-in. pots, 30-35 40-45 in. high, 4-5-6 years old, 75c, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

Kentia Belmoreana, 30-35-40 in. high, 5-5 1/2-6 1/2 in. pots, 5-6 7 years old, \$1.00, \$1.25, \$1.50 to \$2.00 each.

Kentia Belmoreana, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine Boston, Scottii, Whitman and Scholzei, 3 1/2 and 6 in., 35c, 40 and 50c; 7-in., large bushy plants, 75c to \$1.25. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot grown, not lifted from benches.

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Mention if ship with or without pots.

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Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

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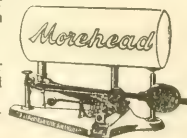
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Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

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Asparagus Sprenger, 5-in., 15c. Storrs & Harrison Co., Painesville, O.

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Azaleas, Jas. Smits, Naarden, Holland.

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Bay trees, Bobbink & Atkins, Rutherford, N. J.

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Boxwood, McHutchison Co., 17 Murray St., New York.

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Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 214 Chestnut St., Philadelphia.

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Bulbs, Burnett Bros., 72 Cortlandt St., New York.

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Cannas, Sec. Chebanne, Cinnibar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

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ROOTED CARNATION CUTTINGS.

Washington, cerise, a sport from 100 1000  
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Scarlet Gold ..... 6.00 50.00  
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Enchantress ..... 3.00 25.00

Winsor ..... 3.00 25.00  
Alvina, cerise ..... 3.00 25.00  
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White Perfection ..... 3.00 25.00  
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Victory ..... 3.00 25.00

Our entire stock of rooted cuttings are exceptionally free from disease, strong and well rooted. We guarantee them A-No. 1 or money refunded. Order now for immediate or later delivery.

CHICAGO CARNATION CO.  
A. T. Eyfer, Manager.

(Phone Central 3373) Chicago.

35-37 Randolph St.  
Carnations, strong, healthy, well rooted cuttings, Beacon, \$2.50 per 100. Enchantress and Winsor, \$2 per 100. H. E. Mittenz, Atchison, Kans.

Strong, well rooted pure White Enchantress, Lawson-Enchantress and Enchantress, \$20 per 1,000. Geary Bros., Nashville, Tenn.

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Sangamo ..... 6.00 50.00  
Mary Tolman ..... 6.00 50.00  
Enquest ..... 6.00 50.00  
White Enchantress, March delivery ..... 3.00 25.00  
May Day, March delivery ..... 3.00 25.00  
Beacon, March delivery ..... 3.00 25.00  
White Perfection ..... 2.50 20.00  
Enchantress ..... 2.50 20.00  
Winsor ..... 2.50 20.00

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations, strong healthy and well rooted cuttings: Enchantress, \$3 per 100; \$25 per 1,000. Rose Pink Enchantress, \$3 per 100; \$25 per 1,000. White Enchantress, \$3 per 100; \$25 per 1,000. White Perfection, \$3 per 100; \$25 per 1,000. E. Huston & Co., Sistersville, W. Va.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 292 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanda, \$8 per 100; \$50 per 1,000. Rainbow, \$12 per 100; \$100 per 1,000. Wanda Greenhouses, Barneveld, N. Y.

Carnation, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000. Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C. \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnation Bonfire, \$12 per 100; \$100 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSAETHUMS.

Chrysaethums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysaethums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysaethums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cineraria, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## COLEUSES.

Coleus, standard varieties, including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000; 2c. Mosbach Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder and Verschaffeltii, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 var., 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, rooted cuttings, eight standard varieties for immediate delivery, 75c per 100; \$6 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, Verschaffeltii, Golden Bedder, \$6 per 1,000. Standards assorted, \$5. A. M. Herr, Lancaster, Pa.

Coleus, Verschaffeltii, Golden Bedder, red and yellow Pfister, \$6 per 1,000 rooted cuttings. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

## CROTONS.

Crotons, 6-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CUTTINGS.**

**ROOTED CUTTINGS.**  
 Ageratum, blue ..... \$5.00 per 1,000  
 Coleus Pflaster, red, a pretty  
 crinkly or created leaf variety. 6.00 per 1,000  
 Coleus Pflaster, yellow, a pretty  
 crinkly or created leaf variety. 6.00 per 1,000  
 Alternanthera, red ..... 5.00 per 1,000  
 Alternanthera, yellow ..... 5.00 per 1,000  
 German Ivy ..... 4.00 per 1,000  
 Salvia Splendens ..... 6.00 per 1,000  
 Chrysanthemum, Bonafion ..... 3.00 per 100  
 Chrysanthemum, Buckbee ..... 3.00 per 100  
 Chrysanthemum, Enguehard ..... 3.00 per 100  
**STOCK PLANTS OR CHRYSANTHEMUMS.**  
 Bonafion, yellow ..... \$3.00 per 100  
 Enguehard, pink ..... 3.00 per 100  
**GEO WITTEBOLD CO., Chicago, Ill.**  
 Cuttings, verbenas, 70c per 100; \$6 per 1,000.  
 Coleus, 70c per 100; \$6 per 1,000; Ageratum,  
 60c per 100; \$5 per 1,000. Dahlias, 8c  
 100; \$8 per 1,000. Heliotrope, \$1 per 100;  
 \$8 per 1,000. Alyssum, 80c per 100; \$8  
 Brant, Clay Center, Kans.

**CYCLAMENS.**

Cyclamens, transplanted seedlings, the best  
 giant commercial strain, sound, stock plants,  
 5 separate colors or mixed, 2½c. J. L. Schiller,  
 Toledo, O.  
 Cyclamen, well grown, fine strain, 4-in. 15c  
 per 100; 5-in. \$25 per 100. Skidelsky & Irwin  
 Co., 1215 Betz Bldg., Philadelphia.  
 Cyclamen, well budded 4-in. stock, \$15 per  
 100. Mosbæk Greenhouse Co., Ouariga, Ill.

**DAHLIAS.**

Dahlias, a choice list of best novelties and  
 varieties for cuttings or garden use. True to  
 name. Send for catalogue of dahlias, holly-  
 hocks, hardy plants, etc. Prices reasonable.  
 W. W. Wilmore, Box 382, Denver, Colo.  
 Dahlia Mrs. Minna Burtle, \$1 each, \$9 per  
 doz. Paul H. Eckelmann, San Rafael, Calif.  
 45,000 held-grown clumps, 2c and up. List  
 ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

**DAISIES.**

Shasta daisy Alaska, 2-in. \$2 per 100. Reeser  
 Plant Co., Springfield, O.  
 Marguerites, rooted cuttings, 1c. Mosbæk  
 Greenhouse Co., Ouariga, Ill.  
 Daisies, \$2.50 per 1,000. J. C. Schmidt, Bristol,  
 Pa.

**DRACENAS.**

Dracena Fragrans, 2½-in. \$1.50 per doz.; 3-in.  
 \$2 per doz.; 4-in. \$3 per doz.; 5-in. \$3 per  
 doz. THE GEO. WITTEBOLD CO., Edgebrook, Chicago, Ill.  
 Dracena indivisa, 4-in. \$10 per 100; 2-in.  
 \$2 per 100; \$18 per 1,000. Wettlin Floral Co.,  
 Horneil, N. Y.  
 Dracena indivisa, extra strong, 2½-in. one-  
 year-old, \$3 per 100; \$25 per 1,000. Cash.  
 Henry Daut, Decatur, Ill.  
 Dracena Bruni, 6-in. 40c to 50c. G. Aschmann,  
 1012 W. Ontario St., Philadelphia, Pa.  
 Dracena indivisa, 4-in. \$10 per 100. Geo.  
 M. Emmans, Newton, N. J.

**FERNS.**

BOSTON FERNS, 2-in. \$3.50 per 100; \$30  
 per 1,000; 3-in. \$8 per 100; \$90 per 1,000; \$50  
 at 1,000 rate; 4-in. \$15 per doz.; \$12 per 100;  
 \$100 per 1,000; \$5 at 1,000 rate. THE GEO.  
 WITTEBOLD CO., Edgebrook, Chicago, Ill.  
 Ferns, Boston, Piersoni, Scotti, 2½-in. 4c  
 3-in. 5c. Elegantissima and Whitman, 2½-in.  
 6c; 3-in. 10c. Special prices on large  
 specimen ferns. Mosbæk Greenhouse Co., Ouariga,  
 Ill.  
 Ferns, For varieties and prices, see advertisement  
 elsewhere in this issue. Vaughan's  
 Seed Store, Chicago and New York.  
 Ferns, Heavy plants, Boston, 4-in. \$15 per  
 100. Piersoni, Elegantissima, Barrowel, 4-in.,  
 \$14 per 100. Wagner Park Conservatories, Sidney,  
 O.  
 Ferns, For varieties and prices see advertisement  
 elsewhere in this issue. The Reeser Plant  
 Co., Springfield, O.  
 Ferns, Schotzeli, 2½-in. \$5 per 100; 5-in.  
 \$6 per doz.; \$40 per 100. Storrs & Harrison,  
 Falmesville, O.  
 Ferns, Boston. For prices and sizes, see advertisement  
 on front cover page of this issue. Vaughan's  
 Seed Store, Chicago and New York.  
 Ferns, Whitman, 4-in. 25c each; 5-in. 35c.  
 Boston, 5-in. 25c. Geo. M. Emmans, Newton,  
 N. J.  
 Ferns, For prices and varieties see advertisement  
 elsewhere in this issue. G. Aschmann,  
 1012 W. Ontario St., Philadelphia.  
 Ferns, For varieties and prices see advertisement  
 on last cover page of this issue. F. R.  
 Piersoni Co., Tarrytown-on-Hudson, N. Y.  
 Ferns for dishes, 2½-in. \$3.50 per 100; \$30  
 per 1,000. Frank Oechslin, 4911 Quincy St.,  
 Chicago.

Neph. Glattisall, 2½-in., \$2 per doz.; \$12 per  
 100; \$100 per 1,000. Geo. Glattisall, 463 Summit  
 Ave., West Hoboken, N. J.  
 Ferns, John Scott, Rutland, Rd. and E. 45th  
 St., Brooklyn, N. Y.

**FICUS.**

Ficus, McHutchison & Co., 17 Murray St.,  
 New York.

**FORGET-ME-NOTS**

Forget-me-nots, \$2.50 per 1,000. J. C.  
 Schmidt, Bristol, Pa.

**FUCHSIAS.**

Fuchsias, 6 vars., 2-in. \$2, 3-in. \$3 per 100.  
 R. Vincent, Jr., & Sons Co., White Marsh, Md.  
 Fuchsias, 2½-in. \$4 per 100. Skidelsky &  
 Irwin Co., 1215 Betz Bldg., Philadelphia.

**GERANIUMS.**

Geraniums, S. A. Nutt, Perkins, La Favorite,  
 Mme. Salleron, \$2.50. Mrs. Pollock, \$3 per 100.  
 Strong stock out of 2½-in. pots, all ready for  
 a shift. River Falls Floral Co., River Falls,  
 Wis.

**ROOTED CUTTINGS.** A1 stock. Nutt, Grant,  
 Poteridge, Buchner, \$1.50 per 100; \$15 per 1,000.  
 Next delivery March 1st to 10th. The W. T.  
 Buckley Co., Springfield, Ill.

Geraniums, For varieties and prices see advertisement  
 on front cover page of this issue. R. Vincent,  
 Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt & G. others, 2½-in. \$3 per  
 100. Jos. H. Cunningham, Delaware, O.

Geraniums, Nutt, Perkins, Grant, La Favorite,  
 R. C. \$1.25; 2-in. \$2; 3-in. \$4 per 100.  
 Viand, Castellane, Poteridge, Jaullin, Ricard,  
 Buchner, R. C. \$1.50; 2-in. \$2.50; 3-in. \$5.  
 Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt, 3-in. \$4 per 100;  
 \$35 per 1,000. Ivy Geranium 3-in. \$4 per  
 100; \$55 per 1,000. GEO. WITTEBOLD CO.,  
 Edgebrook, Chicago, Ill.

Geraniums, S. A. Nutt, \$1.50 per 100.  
 Poteridge, Ricard, \$14 per 1,000. A. M. Herr,  
 Lancaster, Pa.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000.  
 Galax, 90c per 1,000. Boxwood, 50-lb. case,  
 \$7.50. Laurel Wreaths, 10-in. \$1.75 per doz.;  
 12-in. \$2.25; 14-in. \$3; 16-in. \$4.50. Laurel  
 trimming, 4c and 5c per yard. J. Jansky, 19  
 Province St., Boston.

Greens of all kinds. For varieties and prices  
 see advertisement elsewhere in this issue. Michigan  
 Cut Flower Exchange, 38 Broadway, Detroit,  
 Mich.

Greens, laurel wreathing, sheet moss, galax,  
 leucothoe and ferns. Swan & Cheggin, Roan  
 Mountain, Tenn.

Greens, southern wild smilax, log mosses,  
 natural and perpetuated. E. A. Beaven, Evergreen,  
 Ala.

Greens, evergreen, fancy and dagger ferns,  
 bronze and green galax. Geo. Cossonas &  
 Co., W. 28th St., New York.

Greens, 50-lb. case smilax, \$1.75. Henry M.  
 Robinson & Co., Nadawah, Ala.

Greens, fancy ferns, bronze and green galax.  
 A. L. Fortunes, 93 Broadway, Brooklyn, N. Y.

Greens of all kinds. Henry M. Robinson &  
 Co., 15 Province St., Boston, Mass.

Wild smilax and other decorative greens.  
 Geo. M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M.  
 Robinson & Co., Minter, Ala.

**HARDY PLANTS.**

Hardy herbaceous plants. Bobbink & Atkins,  
 Rutherford, N. J.

**HELIOTROPES.**

Heliotrope Centefleur, \$10 per 100. E. G. Hill  
 Co., Richmond, Ind.

Heliotrope, rooted cuttings, 1c. Mosbæk  
 Greenhouse Co., Ouariga, Ill.

Heliotrope, 5 vars., \$3 per 100; \$25 per 1,000.  
 Storrs & Harrison Co., Painesville, O.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmans,  
 Newton, N. J.

**HYDRANGEAS.**

Hydrangeas, Dr. Thomas Hogg, pure white,  
 not-grown, in splendid condition for spring  
 blooming, 4-in. pots, branched, \$1 per 100;  
 5-in. pots, \$15; 6-in. pots, \$20; 7-in. pots, \$25  
 per 100. Hydrangea Otakata, not-grown, 4-in.  
 branched, \$8; 5-in. pots, \$15; 6-in. pots, \$20;  
 7-in. pots, \$25. Avenue Floral Co., 3442 St.  
 Charles Ave., New Orleans, La.

**IVY.**

German Ivy, rooted cuttings, 50c per 100;  
 2½-in. 2c. Mosbæk Greenhouse Co., Ouariga,  
 Ill.  
 Ivy, R. C. English, \$1; German, 50c per 100,  
 prepaid. Chas. Frost, Kenilworth, N. J.

**LANTANAS.**

Lantanas, 6 vars., 2-in. \$2; 3-in. \$3 per 100.  
 R. Vincent, Jr., & Sons Co., White Marsh, Md.

**LILACS.**

LILACS, Marie LeGraye, pot-grown for forcing,  
 \$1 each; \$9 per doz.; Chas. X. pot-grown,  
 for forcing, \$1 each; \$9 per doz.

THE GEO. WITTEBOLD CO., Chicago, Ill.

Lilacs, Charles X. 50c each; \$5 per doz.  
 Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jacs Smits, Ltd., Naarden, Holland.

**LILY OF THE VALLEY.**

**To Import.**  
 Lily of the valley, Jacs Smits, Ltd., Naarden,  
 Holland.

Lily of the valley. For prices see advertisement  
 elsewhere in this issue. Jackson & Perkins  
 Co., Newark, N. Y.

Lily of the valley, Premium dormant, \$12  
 per 1,000. International dormant, \$10. London  
 Market (storage), \$14. Vaughan's Seed Store,  
 Chicago.

Lily of the valley pipes, cases of 1,000, \$9  
 per 1,000; cases of 3,000, \$8 per 1,000. J. M.  
 Thorburn & Co., 83 Barclay St., New York.

Lily of the valley pipes, Hamburg or Berlin  
 type. McHutchison & Co., 17 Murray St., New  
 York.

Lily of the valley. Finest grade of pipes  
 grown by Mr. E. Neulert, Wandseck, Germany.  
 New York representative, H. Frank Darrow, 26  
 Barclay St., New York City.

Lily of the valley. Otto Mann, Leipzig, Saxony,  
 Germany.

**From Storage.**

Lily of the valley. Finest Hamburg pipes from  
 cold storage at all seasons. H. Frank Darrow,  
 26 Barclay St., New York City.

Lily of the valley pipes, \$1.50 per 100; \$14  
 per 1,000. H. N. Bruns, 3040 W. Madison St.,  
 Chicago.

**LOBELIAS.**

Lobelia Kathleen Mallard and Newport Model,  
 2-in. \$2 per 100. R. Vincent, Jr., & Sons Co.,  
 White Marsh, Md.

Lobelia Kathleen Mallard, 2½-in. \$2 per 100.  
 Henry Daut, Decatur, Ill.

**MANETTI.**

Manetti, English, \$12 per 1,000. French, \$10.  
 Jackson & Perkins Co., Newark, N. Y.

**MUSHROOM SPAWN.**

Mushroom Spawn, English, 25 lbs., \$2.00; 100  
 lbs. \$8.00. American, 25 bricks, \$2.50; 100  
 bricks, \$12. Vaughan's Seed Store, Chicago and  
 New York.

Mushroom Spawn, Lamber's Pure Culture.  
 American Spawn Co., St. Paul, Minn.

**NURSERY STOCK.**

Hamamelis Virginica, 50,000 extra fine trans-  
 planted. Hamamelis Virginica (witchhazel).

|                                                                | Per 100. | 1,000.  |
|----------------------------------------------------------------|----------|---------|
| 3 to 5 feet, 3,000, \$100.....                                 | \$5.00   | \$40.00 |
| 4 to 6 feet, 2,000, \$100.....                                 | 7.00     | 60.00   |
| 5 to 6 feet, extra heavy.....                                  | 10.00    | 90.00   |
| 20,000 Spirea Van Houttei, 6 to 18 ins.....                    | 1.50     | 12.00   |
| 15,000 Spirea Van Houttei, 18 to 30 ins.....                   | 3.00     | 25.00   |
| 10,000 Syringa Coronarius (sweet scented), 1 to 2 feet.....    | 3.00     | 25.00   |
| 12,000 Syringa Coronarius (sweet scented), 2 to 3 feet.....    | 4.00     | 35.00   |
| 20,000 Forsythia Viridissima, 1 to 2 feet.....                 | 2.00     | 20.00   |
| 10,000 Forsythia Viridissima, 2 to 3 feet.....                 | 3.00     | 25.00   |
| 12,000 Calycanthus (sweet shrub), transp., 2 to 3 feet.....    | 3.00     | 25.00   |
| 8,000 Calycanthus (sweet shrub), transp., 3 to 4 feet.....     | 6.00     | 40.00   |
| Weigela in assortment, 2 to 3 ft. 3.50                         | 30.00    |         |
| Stray Japonica, transp., 4 to 8 feet.....                      | 12.00    |         |
| 200,000 California privet, light grade, 6 to 14 ins.....       | 6.00     | 40.00   |
| 150,000 California privet, 2 branches and up, 1 to 2 feet..... | 7.00     | 60.00   |
| 50,000 California privet, 2 branches and up, 2 to 3 feet.....  | 10.00    | 90.00   |

Above is good fresh stock. Offer made to close them out. Box free. F. O. B. Send for trade list. FOREIGN NURSERY AND SEED CO., McMinnville, Tenn.

**NURSERY STOCK.**—2,000 Spirea Van Houttei,  
 18 to 24 ins. \$5 per 100; 1,000 Forsythia Viridissima, 12 to 18 ins. \$4 per 100; 1,000 Deutzia  
 Pride of Rochester, 18 to 24 ins. \$4 per 100;  
 1,000 Philadelphica, C. 12 to 18 ins. \$4 per 100.  
 THE GEO. WITTEBOLD CO., Edgebrook, Chicago, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, fuchsias, Japan maples, hydrangeas, Jacs Smits, Lt., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and benlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (*Thuja occidentalis*), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Giant Himalaya berry. For prices see advertisement elsewhere in this issue. Berrydell Experiment Station Gardens, Holland, Mich.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

### ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, cattleyas and novelties. Carrillo & Baldwin, Seacucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

### PANDANUS.

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$9 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### PANSIES.

Pansies (transplanted); these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 70c per 100; \$5 per 1,000. F. A. Baller, Bloomington, Ill.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

### PALMS.

Palms. Kentia Bel, 2½-in., \$8 per 100; 3-in., \$15 per 100; 4-in., \$35; 5-in., \$80. Storrs & Harrison Co., Painesville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 St. Clair, Ontario St., Philadelphia.

Palms. Kentias. McHutchison & Co., 17 Murray St., New York.

Palms. Kentias. Joseph Heacock Co., Wynette, Pa.

Palms. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

### PEONIES.

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.

Peonies. McHutchison & Co., 17 Murray St., New York.

### PETUNIAS.

Double petunias, mixed, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

### POINSETTIAS.

Poinsettias, stock plants from 6-in. pots, \$10 per 100; 8-in. pots, \$7.50; 4-in. pots, \$5 per 100. Expressage paid. They are fine and scarce. Don't get left again. Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

### PRIMULAS.

Primula chinensis, 5¼-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primula coccinea, 2-in., \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

Primulas. Chinese 2½-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

### PRIVET.

Privet, California. For prices and sizes see advertisement elsewhere in this issue. Oak Lawn Nursery, Huntsville, Ala.

Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

### RHODODENDRONS.

Rhododendrons. McHutchison & Co., 17 Murray St., New York.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

### ROSES.

Roses, budded, field grown H. P., extra fine, roses and tops. Fran Karl Druschel, in large supply. Huntsville Wholesale Nurseries, Huntsville, Ala.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses for forcing. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Rose Queen, \$35 per 100, own roots; \$40 for grafts. Mrs. Aaron Ward, \$12 per 100; \$100 per 1,000; \$25 per 100 for grafts. E. G. Hill Co., Richmond, Ind.

Roses, Lady Hillingdon. Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Fott, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Roses, 2½-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.

Roses, hybrid perpetual and Ramblers. Jackson & Perkins Co., Newark, N. Y.

Roses. Newport Fairy, 60c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leadle Floral Co., Springfield, O.

Roses, 60 leading varieties. Wagner Park Conservatories, Toledo, O.

Roses. McHutchison & Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

### SALVIAS.

Salvia Zarlich, rooted cuttings, 1c; 2-in., 2c. J. L. Schiller, Toledo, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

### SEEDS.

ASPARAGUS PLUMOSUS MANUS SEED. house-grown; a high grade seed and absolutely true to name.

|                       |                        |
|-----------------------|------------------------|
| 1,000                 | 1,000                  |
| 1,000 seed.....\$2.50 | 10,000 seed.....\$2.00 |
| 5,000 seed.....2.25   | 20,000 seed.....1.75   |

On larger quantities write for quotations. 414½ So. Broadway, Los Angeles, Calif.

Seeds. Red Globe onion, \$1 per lb. Radish, Early Scarlet Globe, 30c per lb. Peas, 20c. Excelsior, ¼ peck, \$1; peck, \$1.50. Beans, Rustless Black Wax, ½ peck, 60c; peck, \$1. Above seed raised by ourselves from selected stock in Northern Wisconsin. River Falls Floral Co., River Falls, Wis.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, ick, mangel, parsley, parsnip, radish, salsify. C. C. Morse & Co., 48-56 Jackson St. San Francisco, Cal.

Seeds, stocks. For varieties and prices see advertisement elsewhere in this issue. Fottler, Fiske, Rawson Co., 12 Faneuil Hall Sq., Boston, Mass.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, The Crego Aster, ¼ oz., 1½ ½ oz., \$2; ½ oz., \$4. G. S. Crego, 736 E. Main St., Portland, Ore.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wueller Seed Co., Hollister, Cal.

Seeds all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower. Frederick Roemer, Quedlinburg, Germany.

Seeds, flower. J. J. H. Gregory & Son, 115 Elm St., Marshfield, Mass.

Seeds. Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds. Arthur T. Boddington, 342 W. 14th St., New York.

Seeds. Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds for market gardeners. German Nurseries and Seed House, Box 700, Beatrice, Neb.

### Contract Growers.

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Bohmert, Gilroy, Calif.

CORN. Field, flint, and sweet corns, contract grower to the trade. Ratskins Seed House, Shenandoah, Iowa.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds. Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Florida grown watermelon seed. Hugh M. Taylor, contract truck grower, Lord, Florida.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

Seeds, field garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

### SHAMROCKS.

Shamrock plants, 3-in., \$5 per 100. John Coombs, Hartford, Conn.

### SMILAX.

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robinson & Co., Pine Apple, Ala.

Smilax. Wood Bros., Fishkill, N. Y.

### SPIREAS.

Spiraea, J. Smits, Ltd., Naarden, Holland.

### STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

### TRADESCANTIA.

Tradescantia, rooted cuttings, 60c per 100. Moshek Greenhouse Co., Onarga, Ill.

### VERBENAS.

Lemon verbenas, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

### VINCAS.

Vinca variegata, R. C., \$1 per 100; 2½-in., \$2.50 per 100. Moshek Greenhouse Co., Onarga, Ill.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinca, var., 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

### VIOLETS.

Violets, Lady Campbell, \$5 per 100; \$25 per 1,000. C. Schmidt, Bristol, Pa.

### BOILERS.

Boilers, The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard, The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular, Johnston Heating Co., 131 E. 26th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

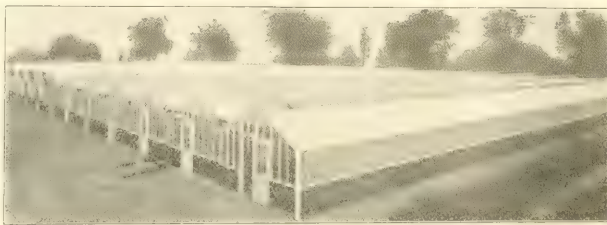
### BUILDING MATERIAL.

Building material. Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Newport, Boston, Mass.

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Building material, cold frames, hotbed sash. Hiltches & Co., 1170 Broadway, N. Y.

Building material. Louisiana cypress, pecky cypress, hotbed sash. S. Jacobs & Sons, 1357 Flushing Ave., Brooklyn, N. Y.

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Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue.

AUBURDALE GOLDFISH CO., 920 Randolph St. Chicago, Ill.

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Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc never-rust glazing points, 2 sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ , 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburg, Pa.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

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Greenhouse construction of all kinds and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

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Greenhouse construction, express roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord and Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

#### GUTTERS.

Gutters. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

#### INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Pink, \$6.50 per case of 12 paraffined boxes.

#### MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

#### MISCELLANEOUS.

Building and propagating sands, fire brick, fire clay, Portland cement, stonecott and hard wall plaster. R. I. W. Damp resisting paint, Garden City Sand Co., Chamber of Com. Bldg., Chicago.

The Mastin Automatic Whitewash and Spraying Machine. J. G. Mastin & Co., 3124 W. Lake St., Chicago.

Draper's recording thermometers, 14x20 ins., \$30; 9x14 ins., \$20. The Draper Mfg. Co., 152 Front St., New York.

Model extension carnation support; galvanized rose stakes. Igce Bros., 268 N. 9th St., Brooklyn, N. Y.

Cut Flower Boxes. For sizes and prices see advertisement elsewhere in this issue. The Climax Mfg. Co., 225 Factory St., Castorland, N. Y.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Vacuum heating system. Chicago Pump Co., 1661 Fulton St., Chicago.

New imported florists' baskets. The Redfield Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Liechtenberger, 1604 Ave. A, New York.

Superior carnation staples, 1,000, 50c postpaid. L. J. Walte, 293 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

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Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

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"NUT-SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Nonopent paper pots. Vaughan's Seed Store, Chicago and New York.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 35, Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$5.50 for 1,000.

Pipe stakes, about 6 feet, per 100, 60c; per 1,000, \$6. Vaughan's Seed Store, Chicago.

Cane stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

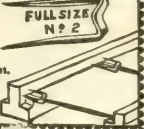
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**GLAZING POINTS**  
Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass shattering. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40c per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

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**HENRY A. DEER,**  
714 Chestnut St., Phila., Pa.



Buffalo.

AN OLD TIME BLIZZARD.

We had what one might call an old time blizzard February 6, consequently business of all kinds suffered. Considerable snow fell during the week, making fairly good sleighing. Stock supply remains about the same; plenty of bulb stock, roses and carnations showing some improvement. Several funerals the past week gave plenty of work to the florists.

## FLORISTS' CLUB MEETING.

The meeting last week was well attended for two reasons. First of all was the nomination of officers for the ensuing year. After several bursts of oratory and the rulings of Cushing's Manual and New York State Senate as to powers of nominations, the following were nominated to guide the destinies of the club for 1911: George W. McClure, Jr., president; R. A. Scott, Jos. Sangster, vice-presidents; Chas. Sandiford, treasurer; Wm. Legg, secretary; Jerome Deutscher, financial secretary. There may be an opposition ticket later, but it is doubtful. The only apparent contest is for the arduous office of vice-president.

The next event was the debate: Resolved, That the use of artificial flowers by the florists is a detriment to the trade. The affirmative was ably handled by Fred Brown and Chas. Guenther. The negative was in the able hands of Wm. Grever and L. H. Neubeck. The judges were W. F. Kasting, J. R. Cloudsley and E. D. Savage; critic, W. A. Adams. The arguments, so ably put forth by both sides, made it rather hard for the judges to decide. After some time they decided in favor of the affirmative. The modesty of Messrs. Brown and Guenther would not allow them to accept the victory, and after a motion by Mr. Brown, seconded by Mr. Neubeck, and several points of parliamentary law relating to the rulings of President Street, it was declared a tie and everyone was satisfied. The club was honored by the presence of Mr. Miller, of Skidelsky & Irwin, who gave a very able talk on fertilizers, also reading a paper on their use, which was very instructive to the grower, showing in very strong terms that more papers on live subjects are very beneficial to all. W. F. Kasting spoke on the bill that is before the state legislature asking for an appropriation of \$50,000 to Cornell University at Ithaca, N. Y., to establish a horticultural school at the college where the young man of today could educate himself in that department as well as law, medicine or agriculture. The bill has the support of the leading growers who will have representatives from the larger cities at the hearing before the ways and means committee on February 15. W. F. Kasting, S. A. Anderson and Geo. McClure will represent Buffalo and the secretary was also instructed to send a letter to the representatives from Erie county in the



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Can't you just see a duplicate of this house located right on your grounds and picture in your mind the hundred and one things you could grow in it. It is 50-ft. long with three compartments, a work room, and row of cold frames. It will cost you— but hold on, let us talk it over first then you will understand why we can build it so reasonably. We will gladly send you photos showing other points of view.

**Hitchings & Company** Elizabeth, N. J., and  
1170 Broadway, N. Y.

senate and assembly urging their support in behalf of the bill. Resolutions were adopted on the death of Jacob Boehler, formerly manager of the Buffalo Cut Flower Co., who started with W. J. Palmer & Son, working his way until he had the management of the Cut Flower Co. He had been ailing for the past year and while his death was a shock it was not unexpected.

## NOTES.

There was a rumor in Buffalo the other day of the possible removal of Supt. Seymour of the Park Department, and was quickly proved to be without foundation, which was good news to all, as the park department

has never in many years been handled as ably as by Superintendent Seymour, who is wide awake and always planning for the city's welfare in the laying out of flower beds and all things for the pleasure of the citizens.

John Fiebelkorn, who for several years has been an employee of S. A. Anderson, and seeing the fortunes made in the retail trade, has decided to start in business for himself. The store will be known as the Broadway Flower Shop. The best wishes of all are with John in his new venture.

Visitors: E. B. Sage and wife, Red Rock, Pa., and more bulb men.

BISON.



## Hot Bed Sash

Excellent Quality at Bargain Prices.  
Size: 3 ft. by 6 ft., 1 1/2-inch thick.

Prices—GLAZED HOT BED SASH.

Clear Western Soft Pine.

10-A-G-88—Single lots. Price each.....\$1.67

10-A-G-88—Dozen lots or more each.....1.60

Clear Louisiana Red Cypress

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10-A-G-88 1/2—Dozen lots or more. Price each.....1.62

Prices—OPEN HOT BED SASH.

Clear Western Soft Pine.

10-A-88—Price, single lots, each.....96c

10-A-88-B—Price in lots of 1 dozen or more each.....90c

Clear Louisiana Red Cypress.

10-A-88-C—Price, single lots, each.....\$1.00

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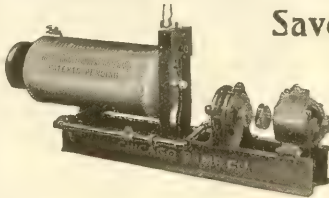
Omaha, Neb.

Business has been very fine, especially in funeral work. Roses are extremely scarce, but bulbous stock holds out immensely, especially callas and lilies. Violets are now plentiful but no surplus. Potted plants sell well except cinerarias which are on the decline, but cyclamen are good sellers. Valentine business will be heavy. There will be plenty of violets and bulbous stock, but American Beauties are scarce and of poor quality.

Mr. Huxhold, the father of Mrs. G. Swoboda and Mrs. A. Lange, passed away February 8. Mr. and Mrs. Lange and son attended the funeral. Hess & Swoboda are to build seven new greenhouses, six 22x15 and one 15x200. J. C. Moniger Co. furnish the material and Winandy Bros. are to erect the houses.

Visitors: H. Kusik, Minneapolis, Minn.; W. W. Silliman, of Wertheimer Bros., New York; Myra E. Bronson, Burlington Willow Ware; J. F. Dayton, Madison Basketcraft Co., Madison, O., and representatives of H. A. Dreer Co., Philadelphia, and Lion & Co., New York.

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**Florists' Ice Boxes**

Manufacturers and Dealers of

**Store and Office Fixtures.**

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Lock the door before the horse is stolen,  
and insure your glass before it is broken.

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SADDLE RIVER, N. J.

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Write for Illustrated Catalog, Quaker City Machine Works, Richmond, Ind.

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Waterproof Sheetings, Hay Caps, Etc.

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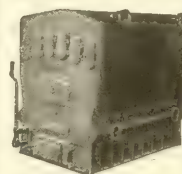
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No Night Fireman Required with our

### SELF-FEEDING HOT WATER BOILERS.

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The Florists' Favorite Grade of Cut Flower, Design, Pillow and Shipping Boxes are made from Heavy Manila board, FULL TELESCOPE, therefore strong and rigid. For shipping purposes they cannot be equalled. Sizes and prices as follows:

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| 24x5x3 1/2 | 3.00    | 28x28x10                                                                                                                        | 22.50 |
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| 28x8x4     | 4.50    | 20x10x8                                                                                                                         | 10.00 |
| 28x8x5     | 5.00    | 24x18x8                                                                                                                         | 12.00 |
| 28x8x6     | 6.00    | 28x22x8                                                                                                                         | 13.50 |
| 24x12x4    | 6.50    | 30x18x8                                                                                                                         | 13.50 |
| 25x15x5    | 7.25    | 26x20x10                                                                                                                        | 16.50 |
| 30x5x3 1/2 | 3.75    | 36x14x10                                                                                                                        | 18.50 |
| 30x10x6    | 7.50    | 42x9x7                                                                                                                          | 11.00 |
| 30x12x7    | 9.00    | Printing cannot be done on these large boxes. However, we furnish boxes under same conditions as if regularly printed on boxes. |       |
| 36x5x5     | 6.50    |                                                                                                                                 |       |
| 36x8x5     | 7.50    |                                                                                                                                 |       |
| 36x10x6    | 9.00    |                                                                                                                                 |       |
| Size       | Per 100 |                                                                                                                                 |       |
| 16x16x8    | \$8.00  |                                                                                                                                 |       |
| 18x18x8    | 9.00    |                                                                                                                                 |       |

Sizes marked with a \* are also made in "White" Patent Coated board, listed as White Carnation. Sizes marked with a \* are also made in "Green" listed as Nonpareil. These two Grades are made with lid covers only. 2 1/2 in. deep and the prices are the same as the Favorite Grade listed above.

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WE PAY FREIGHT on orders of \$15.00 or more east of the Mississippi River, west of this boundary line, we pay to the River. In addition to this a SPECIAL DISCOUNT of 10 per cent. is allowed on orders for 1,000 or more assorted sizes.

TERMS: CASH WITH ORDER. We allow an extra 5 per cent. discount. Concerns who are worthy of Credit we can ship on 30 days' time, but no discount will be allowed unless the invoice is paid within ten days from the date thereof and only at the rate of 2 per cent. Send us a Trial Order To-Day! Our boxes will please you. Quick Shipment is OUR HOBBY.

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## Iron Reservoir Vases



AND  
Lawn Settees

Manufactured by  
McDONALD

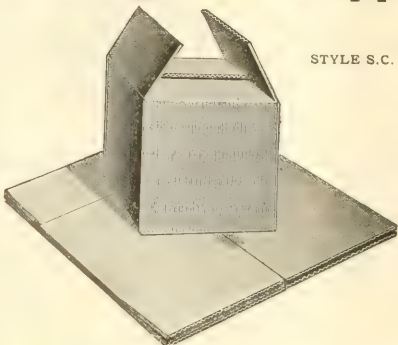
BROS.,

COLUMBUS, O.

The largest manufacturers of these goods in America. Send for catalogue.

**CUT FLOWER BOXES**  
EDWARDS FOLDING BOX CO.  
MANUFACTURERS  
PHILADELPHIA, PA.

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For Freight and  
Express Shipments.

STYLE S.C.

50 per Cent Cheaper  
Than Wood Cases.

These cases are made of heavy waterproof corrugated fibre board, and are accepted by railroads same rate and classification as wood cases. They will stand more rough handling, are much lighter, can be sealed with less expense than nailing covers on wood cases, and are supplied flat, effecting a great saving in storage room. We make them all sizes and for all purposes.

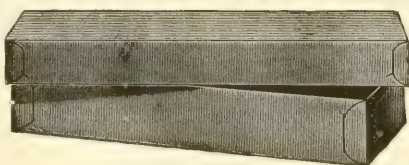
PLAIN OR PRINTED.

Illustration shows case made up, also case flat as supplied.

WRITE FOR FURTHER PARTICULARS.

**The Warner & Childs Co.** Manufacturers of  
Corrugated Paper Specialties  
Winchester Street. MEDFORD, MASS.

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## CUT FLOWER AND Design Boxes

All sizes, lowest prices. Write.

C. C. Pollworth Co.,  
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Our line of baskets contains many absolutely new designs that have never been seen in this country. It is all freshly imported stock from Europe, and is the work of true artists. Let us send you a sample trial order. We know we can please you. Call and see us when in Chicago. SEND FOR FREE CATALOG.

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713 Milwaukee Ave.,  
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Send 50c for full line of samples, with wholesale prices attached.

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We Manufacture all Our

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You both will profit by using McCray Refrigerators. Don't cut down prices because of spoilage. Stop the spoilage. Our patented refrigerator will keep your stock fresh because of the perfect circulation of cold dry air.

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are made not only in stock sizes but are built-to-order to suit your requirements. Write to-day for our free catalog No. 72 which will give you ideas how to add to the attractiveness of your establishment.

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## THE BEST Bug Killer and Bloom Saver

For PROOF

Write to

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COMPANY,

Owensboro, Ky.

*Green Flies and  
Black Outs too*

are easy to kill with  
The Fumigating Kind Tobacco Powder  
\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
not dare to guarantee?  
VERB & STODOLFF CO., MOUST VERNON, N. Y.

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## SPLIT CARNATIONS

Quickly, easily and  
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No tools required.

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2000 for \$1.00 postpaid.

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Sold by leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure,  
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Freight paid on quantities; liberal terms to retailers. Write  
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## The Mastin Automatic Whitewash and Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass.

The pump is of brass throughout, simple and powerful.

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Ask your dealer about our Extension Hose, Extension Rods,

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J. G. MASTIN & CO., 3124 West Lake St., CHICAGO, ILL.

## Nikoteen

The most effective  
and economical  
material there is  
for spraying plants and blooms.

## Nikoteen

Is skillfully extracted  
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refined; it is clean and easy to apply.

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does the work when  
vaporized either on  
pans or pipes or  
over a flame. Full Pint Bottles, \$1.50.

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Specially prepared for fumigating closed  
houses. It vaporizes the Nicotine evenly  
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Price \$6.50 per case of 12 paraffined boxes.

All Seedsmen.

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INSECTICIDE AND FUNGICIDE

For the Garden, Orchard and Greenhouse

Non-poisonous and harmless

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Kills Green Fly, Aphides, Bark Lice,

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Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy to

use, cheap and effective, mixes readily in

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quarts, half gallons and in bulk.

PERFUMED CHEMICAL CO.,

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Pure - dry - uniform and reliable!  
The best of all manures for the  
greenhouse. Florists all over the  
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rough manure.

## Pulverized Sheep Manure

Absolutely the best Sheep Manure on  
the market. Pure manure and  
nothing else. The best fertilizer for carnations and for  
liquid top-dressing. Unequalled for all field use,  
Write for circulars and prices.

The Pulverized Manure Company

32 Union Stock Yards.

Chicago

Mention the American Florist when writing



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**T**HE American Florist Company's Directory saves many times its price to every one who catalogues or circularizes even a small part of the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor. Contains 570 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

## AMERICAN FLORIST COMPANY

324 Dearborn Street, CHICAGO.

Sent postpaid at \$3.00 a copy by the publishers.

### Pittsburg.

#### STOCK MORE PLENTIFUL.

The prospects for a good St. Valentine's day are very bright. Advance orders are coming in nicely and stock of most all kinds has loosened up to a great extent which precludes all worry as to taking care of the orders. Violets are going to be very plentiful. They have been quoted as low as \$5 per thousand in this market. American Beauties, orchids and gardenias are about the only real scarce flowers. These have a very strong demand with few to be had. Sweet peas and lily of the valley are coming in fine shape now, and are right in line for Valentine's day, which is becoming a more popular day for the florists.

#### NOTES.

In the English Room of the Fort Pitt Hotel February 28 R. Vincent, Jr., of White Marsh, Md., will deliver an address before the Florists' and Gardeners' Club on the subject, "Bulbs and Growing Plants as Seen in Europe." Mr. Vincent is a very interesting speaker, and also has a very fine collection of lantern slides which are used to illustrate his talk and which will be a revelation to many. A lunch will be served afterwards. Tickets have been sent to all members that are in good standing. Additional ones can be secured at cost for those who desire to bring their wives or friends. Every member should be present as Mr. Vincent's talk will be both interesting and instructive.

An error occurred in last week's notes regarding the carnation exhibit at the club. F. Dörner & Son were credited with what should have been Pittsburg Cut Flower Co.

G. & J. N. Ludwig, North Side, have their new store about completed and will open up shortly.

Geo. Marshall, of the Pittsburg Cut Flower Co., is reported on the sick list. J. L. Geisey, Wilkinsburg, says he is well pleased with his new store.

J. J. Fuchs reports he is working overtime on funeral work lately.

Southern daffodils have made their appearance in this market.

A. W. Smith Co., Pittsburg avenue, are having a run on a special Valentine box of violets. J.

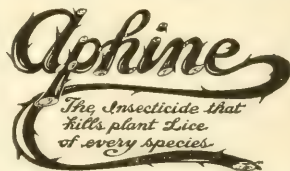
### Baltimore.

#### UNFAVORABLE WEATHER.

There is not much improvement in conditions of the cut flower market as yet, but the carnation supply is improving, and there is a pretty big stock of small stuff, like fressias, sweet peas, bulbous flowers, etc. The weather is mixed and very unfavorable to the growers, and whilst the cold has not been intense, almost every day for a month has been such that firing for several hours was a necessity, and the coal piles have diminished rapidly.

#### NOTES.

A decoration of the ball and supper rooms at the Belvidere hotel for the Junior Assembly attracted much comment. The assembly rooms were hung with vines glowing with myriads of electric lights glistening from the center of pink roses. Along the walk were placed palms and other fine plants of tall nature. The walls were festooned with smilax and illuminated by other hundreds of electric globes. The supper room had been transformed to represent a greenhouse with glass roof and long tables filled with blooming plants in pots, while one or more courses were served in flower pots of red clay. The whole scheme was an innovation. Black & Bro. were the designers of the decorations.



You may depend on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

MANUFACTURED BY

Aphine Manufacturing Co., Madison, N. J.

Miss Isabelle Cook, daughter of John Cook, who, with Mrs. Cook is spending the winter near the Gulf, has gone to Florida to keep her mother company while he goes on a trip to Cuba.

Mr. Green, of the firm of Kerr & Green, a well-known and respected florist of Hampden, died very suddenly last week from heart failure.

J. K. M. L. Farquhar of Boston addressed the Gardeners' and Florists' Club February 13, his subject being "Gardens of Italy." S. B.

SUMMIT, N. J.—Preparations are in progress for two greenhouses to be built for Valentine Hamman.

# FOR "POT LUCK" TRY US..

## HEWS STANDARD POTS

**POT MAKERS FOR 140 YEARS**
**WORLD'S LARGEST MANUFACTURERS**
**WRITE FOR CATALOG AND DISCOUNTS.**
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**Pearson Street, LONG ISLAND CITY, N. Y.**
**Established 1765.**
**CAMBRIDGE, MASS.**

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## Standard Flower Pots!

**Packed in small crates, easy to handle**

|                              | Price per crate |                             | Price per crate |
|------------------------------|-----------------|-----------------------------|-----------------|
| 1500 2-in., in crate, \$4.88 |                 | 144 6-in., in crate, \$3.16 |                 |
| 1500 2 1/2 " " 5.25          |                 | 120 7 " " 4.20              |                 |
| 1500 2 1/2 " " 6.00          |                 | 60 8 " " 3.00               |                 |
| 1000 3 " " 5.00              |                 | <b>HAND MADE</b>            |                 |
| 800 3 1/2 " " 5.80           |                 | 48 9-in., in crate, \$3.60  |                 |
| 500 4 " " 4.50               |                 | 48 10 " " 4.80              |                 |
| 450 4 1/2 " " 5.24           |                 | 24 11 " " 3.60              |                 |
| 320 5 " " 4.51               |                 | 24 12 " " 4.80              |                 |
| 210 5 1/2 " " 3.78           |                 | 6 16 " " 4.50               |                 |

Seed pans, same price as pots. Send for price list of Cylinders for Cut Flowers, Hanging Baskets, Lawn Vases, etc. Ten per cent off or cash with order. Address

**HILFINGER BROS. POTTERY: Fort Edward, N.Y.**

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## CHERRY RED Standard Flower Pots



Prominent Florists and Managers of Public Grounds claim for our pots quality that excel. It's in the clay. Use our pots and you will say as much. Prompt shipments guaranteed. Prices right.

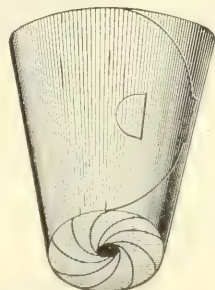
**SEND FOR PRICE LIST.**

The MT. GILEAD POTTERY CO., Mt. Gilead, O.  
(Successors to Smith Thomas.)

## Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

**I. N. KRAMER & SON, Cedar Rapids, Iowa**


## Neponset Paper Pots

**VAUGHAN'S SEED STORE,  
AGENTS  
Chicago and New York.**

**Waterproof,  
Don't Break,  
Cost Little.**

Shippers use them and save their customers many dollars in express charges.

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## DREER'S "Riverton Special" Cedar Plant Tub



| No. | Diam.  | Ea.    | Doz.    | 100      |
|-----|--------|--------|---------|----------|
| 10  | 20 in. | \$1.45 | \$16.00 | \$130.00 |
| 20  | 18 in. | 1.30   | 14.00   | 115.00   |
| 30  | 16 in. | 1.00   | 11.25   | 92.00    |
| 40  | 14 in. | .65    | 7.00    | 56.00    |
| 50  | 12 in. | .45    | 5.00    | 40.00    |
| 60  | 10 in. | .38    | 4.00    | 32.00    |
| 70  | 8 in.  | .30    | 3.50    | 28.00    |

Manufactured for us exclusively. The best tub ever introduced the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handles.  
**Henry A. Dreer, Seeds, Plants, Bulbs and Supplies, 714 Chestnut St., Philadelphia, Pa.**

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## All The Clay FOR OUR Florists' Red Pots

Is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We ship over five lines of railroad by river or interurban. Write for catalogue showing all the articles we make for florists' use.

**THE PETERS & REED POTTERY CO., ZANESVILLE, OHIO.**

## J. A. BAUER POTTERY CO.,

415 to 421 Avenue 33,  
LOS ANGELES, CALIF.

Carry a Large Stock of Nice Red Pots.  
All orders shipped promptly.

**Largest Pottery on Pacific Coast.**

## Those Red Pots

**"STANDARDS"**

Full size and wide bottoms.  
**BULB PANS and AZALEA POTS**

**DETROIT FLOWER POT M'FY**

**HARRY BALSLEY, Detroit, Mich.**  
Rep. 490 Howard St.



**GEO. KELLER & SON,  
Manufacturers of  
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Before buying write for prices.  
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CHICAGO.



**Standard Flower Pots**

Porosity and Strength  
Unsurpassed.

Write for prices.

**A. F. KOHR**

2634-36-38 Leavitt St.,

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**GREENHOUSES.**  
**MATERIAL FURNISHED**  
**AND**  
**MEN TO SUPERINTEND**  
**ERECTION IF DESIRED.**  
**CYPRESS SASH BARS**  
**ANY LENGTH UP TO 32 FEET OR LONGER.**  
**THE A. T. Stearns Lumber Co.**  
**NEPONSET, BOSTON, MASS.**

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## Boilers OF HIGH GRADE... For GREENHOUSES

See Our Catalogue.

Steam and Hot Water. **GIBLIN & CO., Utica, N. Y.**

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### Montreal.

#### BUSINESS ACTIVE.

Business is very active now and there is a scarcity of all sorts of stock excepting bulbous flowers, of which there appears to be an abundance and of first class quality; the range of colors in tulips leaves nothing to be desired. Proserpine and Cottage Maid are the two most valuable varieties for this city; in daffodils Golden Spur takes the lead over all competitors in its class; in hyacinths we have all the various colors but yellow do not meet with much favor; there are some jonquils and other odd bulbs forced, but the varieties named are the principal bulbs in the local market, with the addition of Roman hyacinths and Paper White narcissus. Freesias are also grown for cut flowers and pot plants.

#### NOTES.

The annual dinner of the Gardeners' and Florists' Club was held January 2. It being a severe night the attendance was not as large as usual, but, nevertheless, those present enjoyed themselves just as much as ever. President West presided and introduced the following speakers: "Our Country" was responded to by H. L. McConnell of Toronto. G. A. Robinson in behalf of the florists dwelt especially on the rapid strides the florists' trade has made and prophesied a bright future, especially for the growers. He also mentioned the National Flower Show to be held in Boston next March and urged everybody to attend. J. A. Bowles spoke in behalf of the Montreal Horticultural Society and finished with a recitation. J. Luck had something to say for the retiring officers and R. Pinkerton for the seedsmen. James McKenna having lost a daughter, Sister Marguerite of the Congregation of Notre Dame, a vote of condolence was passed and the secretary instructed to convey the same to the bereaved. **LUCK.**

**HANCOCK, MICH.**—The stock at the A. M. York Estate is in particularly fine condition, and the quality of flowers that are cut is the equal of the best growers in the large centers. The lilies for Easter are in especially good shape and promise well. Foreman Dale is to be congratulated on the elegant condition of everything.

# "SUPERIOR"

To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**  
 840-850 W. Superior St.,  
**CHICAGO, ILL.**

## Attention!! Glass Buyers!!

### GREENHOUSE GLASS.

You will save money if you obtain our prices before you buy.  
 Quality A. No. 1. Prompt shipments.

### Hooker's Greenhouse White Paint

The most durable white paint for this purpose.

Half barrels, (25 gallons) per gal., \$1.70. 5 gal. pails, per gal., \$1.75

## H. M. HOOKER COMPANY,

WHOLESALE GLASS AND PAINTS,

Long Distance Phone  
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# GLASS

We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

## W. R. Jones & Company

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# Pecky Cypress

Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

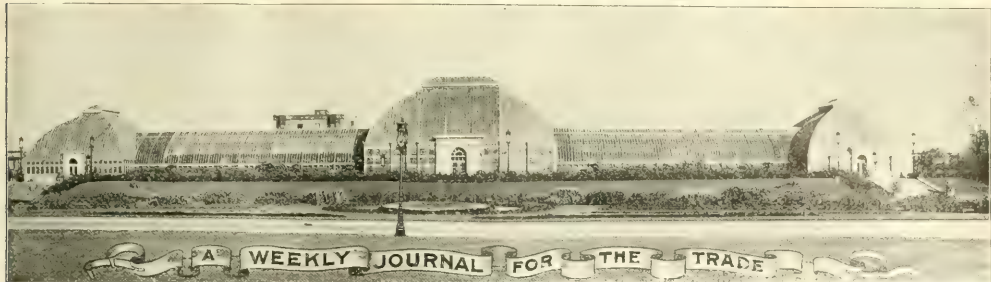
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WRITE FOR PRICES.

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Hawthorne and Weed Sts.,  
**CHICAGO.**  
 Telephones: Lincoln 410 and 411

# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, FEBRUARY 25, 1911.

No. 1186

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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Address all correspondence, subscriptions, etc.,

American Florist Co., 324 Dearborn St., Chicago.

**SOCIETY OF AMERICAN FLORISTS AND**

**ORNAMENTAL HORTICULTURISTS.**

OFFICERS—Geo. Asmus, Chicago, President;

Richard Vincent, Jr., Baltimore, Md., Vice-

Pres.; H. B. DORNEY, Urbana, Ill., Sec'y; Wm.

F. KASTING, Buffalo, N. Y., Treas. Adjourned

meeting at Boston, Mass., March 31-April 1.

Second National Flower Show, Boston, Mass.,

March 25-April 1, 1911. Chester I. Campbell,

Manager, 5 Park square, Boston, Mass.

Annual Convention at Baltimore, Md., August,

1911.

**CHRYSANTHEMUM SOCIETY OF AMERICA**

Annual convention and exhibition in conjunc-

tion with the St. Louis Horticultural Society, St.

Louis, Mo., November, 1911. Elmer D. Smith,

Adrian, Mich., President; C. W. JOHNSON,

Morgan Park, Ill., Secretary.

**THE AMERICAN CARNATION SOCIETY.**

Next annual convention and exhibition at

Boston, Mass., March 29-30, 1911. Fred. Burki,

Pittsburg, Pa., President; A. F. J. BAUR, Thirty-

eighth St. and Senate Ave., Indianapolis, Ind.,

Secretary.

**AMERICAN ROSE SOCIETY.**

Next annual meeting and exhibition at Boston,

Mass., March 27-28, 1911. Wm. H. Elliott, Brighton,

Mass., President; A. FARENWALL, Roslyn,

Pa., Vice President, BENJAMIN HAMMOND, Fishkill-

on-Hudson, N. Y., Secretary.

**NATIONAL SWEET PEA SOCIETY.**

Next meeting and exhibition at Boston, Mass.,

March 27-28, 1911. Wm. H. Elliott, Brighton,

Mass., President. HARRY A. BUNYARD, 342 W. Four-

teenth St., New York, Secretary.

**AMERICAN PEONY SOCIETY.**

Next annual meeting and exhibition June 1911.

B. H. FARR, Reading, Pa., President; A. H.

FEWKES, Newton Highlands, Mass., Secretary.

**AMERICAN GLADIOLUS SOCIETY.**

Next meeting and exhibition at Boston, Mass.,

March 30, 1911. I. S. HENDRICKSON, Floral Park,

N. Y., President; L. MERITON GAGE, Orange,

Mass., Secretary.

## GREENHOUSER'S OBSERVATIONS

### Concrete Gutters.

The reply to a correspondent, in THE AMERICAN FLORIST, issue of January 7, page 1198, by W. N. Rudd, gives rather a formidable list of objections to cement used in the form of greenhouse gutters. And it must be admitted that every one of the reasons given for not using this material is sensible and practical as one would expect from a horticulturist of Mr. Rudd's calibre. Still many things that formerly seemed impossible, or at least not feasible, are now numbered among our every day conveniences and directly it could be shown that there was an advantage in using cement for greenhouse gutters, then interested experimenters would begin working, and before long we should have cement gutters in use.

In the present condition of greenhouse construction, the attaching of the greenhouse bars to a cement or concrete gutter certainly does seem to be a serious difficulty in the way in the use of this material. But have the sashbars necessarily to be attached? There are many reasons why an independent gutter would be a good point in construction. In many systems the gutter, especially the gutter of wood, is the weakest point. It also keeps out a great deal of light from the plants growing in connected houses and is usually the place where decay sets in first. In houses connected beneath the supports, a properly constructed iron gutter carried on pipe supports and itself carrying the framework of the house, seems to the writer to be as near a perfect method as we are likely to get. But with cement walls as described by Mr. Rudd there seems absolutely no reason why a cement gutter could not be used. Properly reinforced there would be no danger of cracking, the gutter would not absorb more water or rather hold more in suspension than the walls, while it would surely be more mechanically correct than anchoring either a wood or iron gutter to the wall. A light wooden apron or sill would take care of the drip, while the weight of the house would be picked up by center supports under the ridge, preventing

any tendency to side thrust. In such a case an independent wall and gutter combined would be at once practical and easy of construction, but by its very nature would not appeal to constructors who had in view the extra light house of modern commercial florists.

### The Traveling Salesman.

Big business concerns have long appreciated the fact that nothing so makes for success as a competent sales force, and the stress of modern times has rendered the "drummers'" vocation less and less of a sinecure, notwithstanding the greater facilities for travel nowadays. Indeed the old road man may often be heard regretting the "good old days" when, although he may have had to put up with rough and inconvenient methods of travel, yet he and his kind were not so thick on the road. With all due respect to the many excellent knights of the grip that represent American nursery, seed and other allied business houses, the fact cannot be lost sight of that, as a rule, we have not kept in line with other businesses, either in the personnel of the travelers or the sales methods employed.

There are even now too many men on the road who think the proper way to approach a prospective customer is with a "Hullo, Old Man Smith," and the offer of a cheap cigar. The same gentlemen usually interlace their conversation with stories of a questionable character, talk about the poor stock seen in rival establishments, and laud the stock of the prospective one far above its merits. This is not salesmanship. A man who has goods to sell must first of all know his goods. He need not be an accomplished botanist because he is engaged in selling plants, but the least he can do is to keep posted on how certain varieties, that are sure to be in demand, are doing in the principal places around his home town and others, so as to be able to give sensible, workmanlike replies to the man who wishes to buy if the thing is good, but has no desire to be "stung" and have a worthless variety



on his hands. It may be that some florists expect too much of the traveling salesman in the way of information about new varieties, and their suitability or otherwise for the individual growers' circumstances, but it will be a great aid in other directions, if the salesman can give the information desired.

The best salesman, in short, is he who can, while maintaining his own individuality, so appear to lose himself in his prospective customer's needs and business that it would seem to the latter that the traveler had made a trip to his town or district simply with a view of his trade only. Some men have a peculiarly attractive habit of drawing a man out and sympathizing with him, of taking an interest that is not all feigned in the topics discussed. To use a slang phrase they "get next" to their customer quickly, not by appealing to the worst side of his nature by the methods indicated above, but by an intelligent and honest interest and by helpful hints along the lines that the customer's inclinations lie. There is, of course, the discursive, talkative customer who things nothing of wasting an hour or two of the traveler's time to no benefit, but the tactful salesman soon knows his man, and finds a way to cut him short without offense. Tact in short is a little word that means much. A man who has it and exercises it, will go farther and do better on the road than one who is far better posted and even better educated than himself, and has not this attribute.

Few experienced and successful travelers suffer from swelled head. It is the inexperienced traveler of the "cub" order who thinks it is he and not the house he works for that is important. The sooner this class of traveler learns to sink as far as possible his own identity in the house he is working for, the better for him and his house. By doing this a man loses nothing of his own individuality or self respect. If he is working for a good house his superiors will respect him the more if he leaves instructions that all his mail is opened at once in his absence. If he is not then let him use his own sales ability and sell his own services to another house who will appreciate him.

#### The Lath House.

The grower in any southern point who has not at least one lath house is certainly neglecting an important cultural aid. Even in the north where much forcing of hardy stock goes on it is of great value, though it has of necessity to be made stronger than where the snow fall is light. In the south it is most difficult to hold stock back for certain dates. No matter how heavily shaded or well ventilated the greenhouse may be, in warm weather it is simply impossible to cool off plants sufficiently. But the lath house is always cool and pleasant and never has that stuffy feeling so common to heavily shaded greenhouses. Light frosts are warded off entirely by the lath, while even in the hottest summer weather the sun's rays cannot concentrate long enough on any given spot to cause any damage. By due attention to dampening and plunging the pots in suitable material, plants of all descriptions are kept in perfect health with a minimum of trouble and expense and the list of species that can be so grown is large indeed.

The cost of building a lath house is so inconsiderable in comparison with that of a greenhouse, that it would be worth building if only used three or four months in the year, but it can be used every month of the twelve and every day of each month by a properly considered routine, just the same as the greenhouse. There is no better place, for instance, for growing the various lilies of the auratum and speciosum classes, to say nothing of longiflorum and its varieties. The terrific heat of our summers takes the very life out of lilies in unshaded places, but under the broken light of the lath house they simply enjoy life to the full, and push up grand flowers that keep their color until the end. Such palms as *Cocos flexuosus*, *Phoenix Roebelenii*, *Latania Borbonica* and many kentias simply revel in the light, yet cool quarters while for greens like *asparagus plumosus*, *smilax* and many ferns, the situation is perfect. "If you have not a lath house and live in the south build one by all means," is the best advice we can give to anyone who is striving to make the most of his place.

GREENHOUSER.

#### Dahlias Changing Color.

ED. AMERICAN FLORIST:

Last year I purchased some dahlia plants, one of which produced flowers of mixed colors. This root was divided, and this year one of the plants has flowers that have different shades in different lights in the daytime, and pink at night, and others are of a cream color and of a different habit. Can you inform me what caused the change? Will they be of the same color and habit again? G. H.

Replying to G. H. with reference to dahlias changing color, would state that his experience is usual, rather than unusual, as even suggested by the name *Dahlia Variabilis*. From mixed colors, we presume he means what we term fancy dahlias. All fancy dahlias, that is, those containing two or more colors, are apt to sport in every conceivable way, and if they sport, they will change in habit accordingly. According to the rules, a cream-colored plant should not be so strong as the darker colored. As for the different colors under different lights, this is to be expected, as the cerise, lavender or even light purple, will show decidedly pink under artificial light, and yellow will show almost pure white. As to the sport being permanent, time alone can tell.

The writer has seen *Souvenir D. Gustav Doazan* sport, every plant having a broad, white tip, but so far, have not heard of the type being perpetuated, yet a permanent sport is liable to be procured at any time.

If your correspondent would give the name of the variety I could give more definite information about the possibility of the sports remaining permanent. Would, however, feel almost safe in saying that the sport in question would be permanent if the entire plant was of the same color.

L. K. PEACOCK.

OWOSSO, MICH.—Owing to disagreements as to the manner of conducting the business and not being able to agree to buy or sell, Hermann Thielman and W. Stewart Beebe, doing business as the Owosso Floral Co., have had L. A. Saundorhoff appointed as receiver and he will take full charge of the business.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

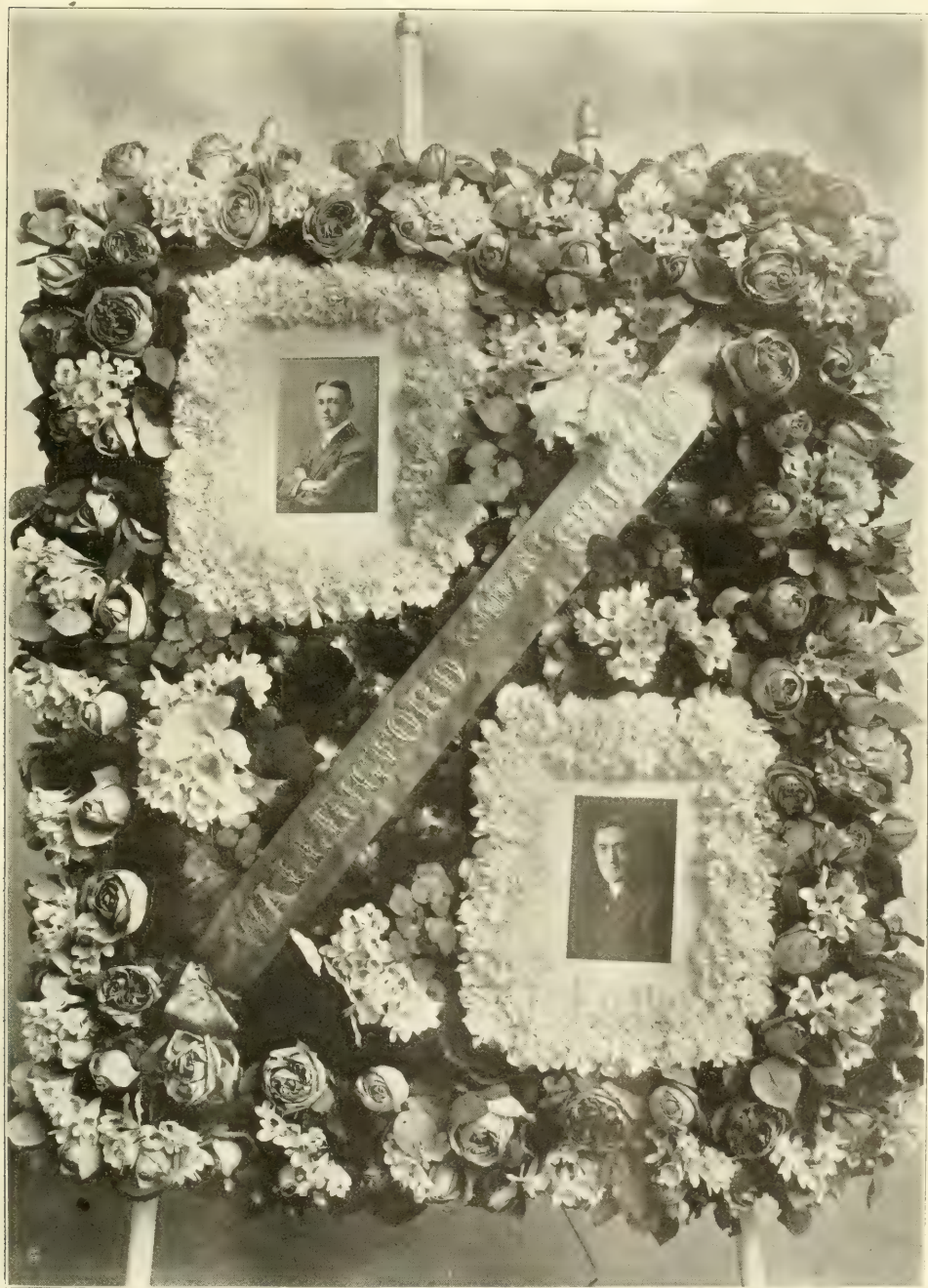
#### A Floral Panel.

The very beautiful and elaborate design which we illustrate was made by A. I. Simmons of 342 West Sixty-third street, Chicago, and is a tablet, 34 by 36 inches, upon an easel, and was composed of bronze galax leaves ornamented with American Beauty roses, freesias, white carnations, orchids and Mexican ivy. It was ordered by the Get Rich Quick Wallingford Co., a theatrical company playing at the Olympic Theatre, and sent to Cohan & Harris in New York to the opening of their new Forty-seventh street theatre and arrived in excellent condition.

#### A Notable Banquet Decoration.

For the Sheriff's banquet, which took place in the grand ballroom of the Hotel Astor, on Thursday evening, Chas. Thorley executed a floral arrangement that will long be remembered as a beautiful picture by those who were fortunate enough to see it. Messrs. Humphrey and Slattery of the Thorley staff had charge of the work. They commenced at 1 a. m. Thursday and together with their assistants kept continuously at it until 4 p. m. when the job was finally completed in all its details. Rather strenuous work certainly, but such are the conditions expert decorators meet quite often. Some idea of the size of this room may be gathered from the fact that 60 tables, each with eight covers, were arranged on the floor. There are two tiers of boxes along both sides, and both ends of the room. We mention this to give some idea of the height of the room.

The principal feature of the decorative scheme was an immense old and gnarled apple tree that seemed to be growing out of the floor at one end of the room, its trunk reaching well up to the second tier of boxes, its branches spreading about 20 feet in each direction, fully clothed with foliage and heavily loaded with almost ripe apples. The effect of this gorgeous apple tree, loaded with its luscious fruit, while all outdoors is a mass of snow and slush, can better be imagined than described. The entire front of each box on both ends and sides of the room were filled with flowering plants, azaleas in white, pink and red; marguerites, lilac and spiraea. Suspended between the two tiers and from the front of each box in the upper tier, was a single specimen Boston fern. The effect produced was two heavy, undulating streams of flowers encircling the entire room, the suspended ferns appearing like miniature green islands dotted between the two margins. On the floor and directly under each box a large stand filled with American Beauty roses was placed; each table was adorned with roses of the same variety. At the end directly opposite the apple tree and immediately under the orchestra, an immense mound of flowering plants in light colors was raised. This was effective in emphasizing the red roses used on the tables and in the tall vases. It was a beautiful decoration, the roses used were seemingly innumerable and it cost \$5,000.



A FLORAL PANEL.



### New Shasta Daisies.

The free flowering nature of some of the newer forms of Shasta daisies is very remarkable and is well shown in the accompanying cut of one of Burbank's latest. Single plants of this variety have been frequently known to produce as many as 350-375 open flowers at one time. Such plants are an ornament to any garden and fine for cutting.



BURBANK'S HYBRID CAMMASSIAS IN THE FIELD.

### The Florists' Experiment Station.

The carnations at the Florists' Experiment Station at Urbana, Ill., are looking better than ever before and show quite a large number of buds. The flowers are large and the stems of good length for this time of the year. The roses are also doing nicely. Both the grafted and own-root stock are growing vigorously and promise a good crop of first-class flowers in the near future. The plants in the sunken garden were taken by the frost during the early part of the week. It is possible that several changes will be made in the general plan of the garden. Several beds will be added and a number of the old ones will be enlarged.

A storage house 10x50 feet is in the process of construction. This is being built for accommodation of such dormant stock required in the floricultural work. Announcement has been made by Dean Davenport as to the registration in the college of agriculture. Up to the present time 637 students have been enrolled, which is 17 more than at the end of last year.

Louis Brandt, a graduate of the Massachusetts Agricultural College, has been appointed instructor in landscape gardening to succeed H. F. Major, who went to the University of Missouri as instructor of landscape gardening and superintendent of the grounds.

The following gentlemen were recent visitors at the Florists' Experiment Station: W. N. Rudd, Morgan Park; F. L. Washburn, Bloomington; C. W. McKellar, Chicago; D. S. Dysinger of the Ionia Pottery.

A. H. N.

BEAUMONT, TEX.—The Southeast Texas Floral Co. have leased a piece of property adjacent to Magnolia cemetery, and are erecting greenhouses thereon, under the direction of C. J. Oleson, the manager.

## THE PERENNIALS.

### Sowing Seeds.

One of the most remarkable signs of the times in which we live is the development of all out-doors, and the many clubs and societies organized with the view to improve and beautify cities, towns and homes, make it possible for all to help along the work which is as it should be.

him varieties of paeony, phlox, or other hardy plants, that he has seen mentioned in periodicals, and wants to add to his garden in order to have the best. There was a time not so long since when these plants were sold mixed, or at most in colors, and all remember the attempt made to revise the names amidst the hopeless confusion that had arisen, especially among the paeonies. This was the result of the efforts of those who had read the handwriting on the wall, and knew that plants unvouched for with an authentic name, resemble some others also nameless. The editor may think this is enough of preamble, but he is responsible for the whole, and it is intended again, the year coming, to review the possibilities of plants that are hardy and good, keeping strictly to such as may be sold with satisfaction to both seller and buyer, for it is true that there are many plants that are much enjoyed by enthusiasts, mostly because they have succeeded with them. These we propose to leave out for the present. They are not good for the beginner and we will let the post graduates study them as they often do with success.

We are now in the midst of an epidemic of seed catalogues which remind us that it is time to choose, and with those who have glass at their disposal it is time to sow. Perennial seeds come slower than annuals, always, as in the nature of things they must. Many indeed need the action of frost to get the best germination, and this is true of most of our beautiful native plants and shrubs. If any one doubts this, it is only to save seed of say *Aquilegia coerulea* and sow it at once to note how few appear during the season, and look again in early summer, if sown out-doors as it should be, and see how every seed has seemingly appeared. The same is true of the trilliums, dodecatheons, *Lobelia cardinalis* and a host of other fine plants which have the reputation of being "hard to get up under glass." It would take too much space to attempt the telling which to freeze, but if failures occur after sowing, blame the seedsman last of all, and in the meantime get knowledge.

More years ago than the writer is inclined to tell, he, in the pursuit of an acquaintance with this class of



ONE OF BURBANK'S NEWER SHASTA DAISIES.

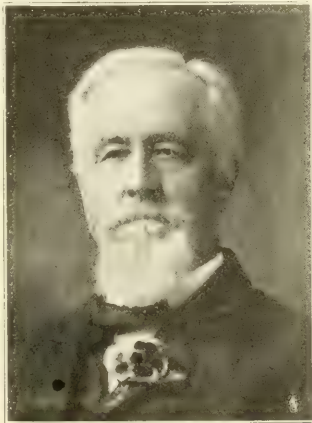


VIEW OF SUNKEN GARDEN AT AGRICULTURAL EXPERIMENT STATION, URBANA, ILL.

plants, scanned all catalogues he could find and finally exchanged native seeds with a German firm who listed the most in number of perennials. It was a very interesting experiment because most all grew; some were weeds, others not hardy, but all were new in the sense that he, at least, had never seen them before. Furthermore, this is not in any sense a joke, and there is no better way today to get acquainted, than to begin with acanthus and go through to *zauschneria* in a list published by a reliable house, order the whole of those listed as perennial and hardy and test them out. There will surely be a lot of surprises, and a liberal education besides for those who want to learn. Seeds may be sown as soon as received under glass, or kept until later and sown in hotbeds after the spring rush is over, and the bedding plants are out of the way, there being ample time then to take care and give room to the seedlings which will be strong enough in late summer to plant out-doors and become established before winter. Most kinds will be fit to sell in the spring and will flower the summer following. Such plants readily become established and give better satisfaction than older ones or those propagated by division.

There are many that are not readily raised from seed, such as paeonies, dictamnus and German iris. These must of necessity be purchased in order to secure a stock to commence with, taking care to get only those that are of first quality. Especially is this true of the iris, for there are so many sorts today that are undesirable as to color, and these often become a burden to the possessor. Some of these one would hate to give away.

The foxglove and Canterbury bell are usually classed as perennials, but are best treated as bi-ennials. Sowing some seed each year rather late in the season, preferably in April, the plants then do not become too large to move with safety, and in the colder states, these winter better than the large succulent growth produced by earlier sowing, for these, if planted in rich soil, do not winter well out-doors, and if wintered in frames require valuable



Wm. Toole, Baraboo, Wis.

space and very careful handling to hold them back in spring for sale.

Most florists have shady corners where it is possible to grow lily of the valley out-doors with profit. The flowers thus obtained are far superior to indoor culture in lasting qualities, and the roots spread rapidly if well nourished in fall with a good blanket of manure. If any pips are to spare in spring after forcing time, plant them out under trees, shrubs or other shady situations, remembering that the best grade is none too good for the purpose. If necessary to buy for this purpose, it will pay large profits on the investment as the beds are in every sense permanent.

E. O. ORPET.

CHARLESTON, S. C.—Chas. M. Newman has now one of the largest greenhouse plants in the south. Beside the fifteen acres under cultivation, he has twenty greenhouses and a large number of hotbeds.

## PEOPLE WE KNOW.

### William Toole, Baraboo, Wis.

At the annual recognition exercises of the College of Agriculture of the Wisconsin University, special testimonials of recognition of the eminent services in the development of agricultural thought and practice were conferred upon William Toole, of Baraboo, Wis., who was selected for particular recognition because of his important work in the development of Wisconsin agriculture.

William Toole of Baraboo is well known throughout Wisconsin and many other states as one of the leading horticulturists of the country. While he has been particularly a specialist in the improvement of the pansy, he has also advocated better methods of farming in all lines, and has also been instrumental in organizing a better type of social life in the community in which he resides.

Mr. Toole was born in Lancashire, England, in 1841, and came to Rhode Island a few years later. In 1859, his father moved to Sauk County, Wisconsin. In 1887, he moved to his present homestead known as Pansy Heights, two miles from Baraboo. He has built up an important business as a dealer and grower in flower seeds and plants, with special attention to the development and cultivation of the pansy. He has been a leading prize winner at many shows with this flower, and has originated a number of varieties of high quality. His most valuable service to his community has been through his work for better educational facilities, and as a prime mover in the Wisconsin State Horticultural Society. He was an early advocate of the strong college of agriculture. He has held numerous offices of farmers' organizations and for the past two years has been president of the State Horticultural Society, and for the past five years has been president of the Skillet Creek Farmers' Club, a social organization of farmers, which has secured country wide notice because of its work in aiding the im-



provement of rural social conditions. The influence of Mr. Toole has been state wide in favor of permanent and substantial agriculture, and it was for this unselfish service that he was recognized by the university.

## THE CARNATION.

### Carnations of Today.

Paper read by W. H. Taplin before the Florists' Club of Philadelphia, February 7, 1911.

Those of us whose memories reach back to Pres. Degraw, Crimson King, Peerless, Portia, Astoria, and other carnation names of that period (and varieties were quite numerous even then), will readily see that great advances have been made both in flower, that is in form, in colors, and in size. It is now many years since the late John Thorpe mentioned his ideal in size for the carnation as a diameter of four inches, and such a flower to be produced on a strong, stiff stem. That ideal has been reached in several varieties, though the ideal size has not always been found in combination with the other good features that are demanded by a discriminating grower. A new variety, at the present time, is exposed to keen criticism, for a very high standard has been reached, and it is not enough for a new seedling to simply show good size and fair color; for the trade demands that a large flower of good form and pleasing color shall be produced on a good strong stem, but also that the plant shall be of good constitution and free in growth and flower; and last, but not least, the retail man, who after all seems to be the supreme court of the cut flower world, declares that the flower must be a good keeper, and of such a shade that he can use it to advantage. With such requirements as these constantly before him, the carnation hybridizer has much to work for, and much work to do, and that some of them do appreciate the size of their task is evidenced by the care with which they select the candidates for popular favor, from among the hundreds, or even thousands, of seedlings from which they may make a choice.

The carnation world has lost much in the passing of the late Frederick Dörner, of La Fayette, Indiana, a man who devoted much of his busy and useful life to the improvement of commercial carnations, and one who was so careful in his selections that he could only find two or three varieties each season out of some thousands of seedlings, that he considered were worthy of introduction to the trade. Father Dörner had some ideals, and he worked toward those ideals with painstaking fidelity, but yet it was only occasionally that he produced a Wm. Scott, a White Perfection or a Pink Delight. Then we have to take into consideration the fact that varieties are likely to depreciate after having been grown for several years, possibly owing in part to some inherent weakness of the stock from which they sprang, and in part to the artificial conditions under which they are grown, for under the present conditions of commercial cut flower growing, our carnations are grown along under comparatively high pressure, having no season of natural rest such as most plants demand. In fact the seasons are too short to allow of any rest period, so we keep on propagating and growing on a variety until

its constitution gives out, and then look for something of similar or better color and habit to take the place of the older varieties.

Continued indoor culture of carnations seems to bring about the failure of a variety as soon as anything, though in making this assertion I am fully aware that there are differences of opinion on this subject. There are arguments in favor of indoor culture, not the least of which is found in the fact that the bench-grown plant is likely to produce a large flower on a long stem at an earlier period in the season than may be had from a field-grown plant, but the total number of flowers from a field-grown plant is likely to greatly exceed the result from the bench-grown specimen, and taking the season as a whole, the net returns



H. P. Joslin.

Secretary Pittsburg Florists' and Gardeners' Club.

will probably be in favor of the field-grown plant, without taking into consideration the greater vitality that is retained in the stock by the outdoor system. Those three months in the open air count for much in the preparation of a plant that is to endure a long season of forced growth under glass.

Then in the race to produce a given number of plants, some of the new varieties are over-propagated, all the possible shoots, and some that we might term impossible, are put in as a cutting, with the natural consequence that many deficient plants are put out each season, and many disgruntled customers are made. It is not necessary at this time to specify instances of this practice, but that such is frequently the case will be readily admitted by anyone having much experience in the trial of novelties in the carnation line. And while speaking of novelties, it must be admitted that every hybridizer is liable to view his own productions with a somewhat lenient judgment, which makes it the more necessary that these novelties should be passed upon by a qualified committee, and scored in a somewhat similar manner to that in use by the Rose and Chrysanthemum societies. The more general adoption of such a plan would possibly lessen the number of varieties that may be introduced, but would also save quite a

sum to those growers who find it needful to try out a batch of novelties each season, with a view to keeping up with the procession. It is not merely the original outlay for a limited number of plants that counts in these experiments, but there is also the loss of so many feet of bench space that ought to be productive.

Now in regard to varieties of the present day it must be taken into consideration that all sorts do not grow equally well in the same locality, and it therefore requires the exercise of judgment on the part of the grower as to the proportions of his stock. There are also the market peculiarities of different localities to be considered, for some varieties that grow well and sell well around Boston may not be equally satisfactory and popular in New York and Philadelphia. For example, Enchantress originated in Massachusetts, but yet Boston does not seem to be hungry for that variety, popular though it is in so many places, while crimson varieties, owing to the proximity of Harvard to the Hub, are good sellers in Boston, but find few friends in Chicago. But taking all things into consideration it is generally admitted that Enchantress and its various sports are the most popular and most satisfactory all around varieties that we have today, from the fact that they have color, size and stem, in addition to freedom of growth and floriferousness. All delicate colored carnations vary to a greater or less extent at certain seasons of the year, and Enchantress is no exception to the rule, and differences in soil may also affect the color of the flowers in a measure, but allowing for these variations, there is no other variety in the market today that has so many friends. This variety, as everyone here knows, has sported in many different localities, and in several shades of color, but nearly all the sports have proved valuable to the trade. White Enchantress is the best white for trade purposes today, and is in many places a stronger grower than its parent, but it must be borne in mind that White Enchantress has appeared in several different localities, and that some of the sports are much better than others. Rose Pink Enchantress is a strong-growing and free-flowering sport, but is unfortunately quite liable to variations in color, especially in mid-winter. Selection of cuttings will do something toward correcting this color fault, though not doing away with it altogether. Dorothy Gordon bears a strong resemblance to the last named variety, but seems to be a little more even in color, though in form, size, stem and general characteristics it is extremely difficult, and as a matter of fact is well nigh impossible to distinguish the one from the other. Then there is the dark sport from Pink Enchantress that has been named Washington, and if this variety looks anything like a colored cut supposed to represent it that has recently been issued, it is a flower that would not appeal to the writer, but it is more charitable to blame that on the printer rather than the flower, and it would be better to suspend judgment until a later period.

In scarlet there does not yet appear to be a better than Beacon, this variety being so extremely free that most growers are ready to forgive its serious fault of splitting badly in mid-winter. Scarlet Glow is a fine flower, and very bright and cheerful in color, but thus far does not equal Beacon in



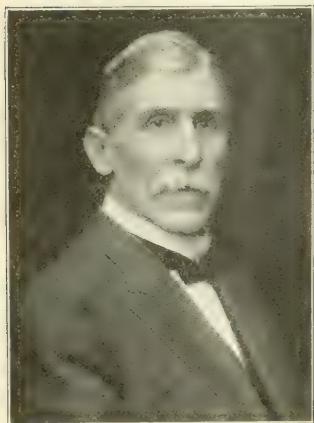
P. S. Randolph, Vice-President.



Chas. S. Crall, Assistant Secretary.



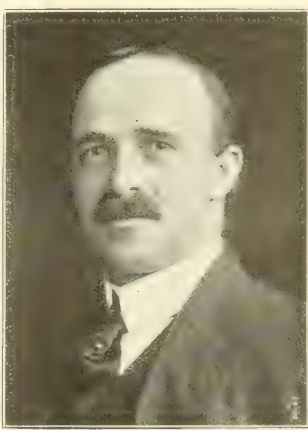
John Bader, Member Ex. Com.



E. C. Reineman, Member Ex. Com.



Neil McCallum, Member Ex. Com.



H. L. Blind, Treasurer.

## SOME OF PRESIDENT JONES' LIEUTENANTS IN THE PITTSBURG FLORISTS' CLUB.

growth and number of flowers.

Pink Delight is a variety that has received much favorable criticism during the past year, the flower being of fair size and even in color, and the stem unusually good. It is not pink in a strict interpretation of the color, there being rather too much salmon to be called pink, but it is a beautiful carnation just the same. Admiration is a fine colored variety and a good sized flower, but unfortunately it has no constitution, and thus seems to be out of the race. Princess Charming as shown the past fall is a variety of much promise, but as to whether it will replace Enchantress remains to be proved. Mrs. C. W. Ward is making many friends among the growers, this variety having a good sized flower of pleasing color and produced on a particularly good stem. It is somewhat liable to bleach as the sun grows stronger, but withal is a fine carnation. Alma Ward is a fine exhibition variety, but not free enough for the average grower. Some of the Lawsons

are still grown, but most commercial growers require more size and stem than is found in Mrs. Lawson and the numerous varieties that have been derived from that prolific source, and while many are still growing Winsor for color, yet it scarcely reaches up to the standard of the large city markets.

Variegated varieties are not in large demand and Mrs. Patten and Variegated Lawson occupy a considerable proportion of the space that is devoted to those of fancy marking. It can scarcely be said that there is a standard crimson variety at this time, for although there are many that are being tested in various parts of the country, there seems to be something lacking, either in constitution, size, stem or color, and there still seems to be room for a good variety of this color.

But after such a feast of carnation matter as has been produced by the trade papers during the past few weeks, I fear that this prosy paper may prove tiresome, and rather than

have you all go to sleep so early in the evening, will close by saying that though the advances have been great in the past decade in carnation history, yet there is room at the top, and I hope that many of you will get there.

BOSTON, MASS.—Articles of incorporation have been filed by the W. E. Doyle Co. Capital stock \$20,000. The directors are W. E. Doyle, president; John J. Cassidy, treasurer, and G. B. Doyle.

SAN DIEGO, CALIF.—Lanier Bros., a new firm here, are going considerably into the wholesale growing of cut flowers and greens, mostly under lath. Three lath houses, one 30x150 feet, one 16x200 and one 40x50 feet, have been recently built, also a new greenhouse 16x100 feet. This is only a commencement and both the glass and lath area will be considerably added to. Violets, carnations, roses and chrysanthemums are the leaders at present but Messrs. Lanier may add orchids later. Their establishment is at Third and Nash street.

H. R. R.



### Palms in California.

That there are more species of palms used in outdoor gardening in the southern states and on the Pacific coast than are grown in many of our eastern greenhouse establishments, may seem to be a startling statement at the first glance, but this is doubtless true, for many of our florists do not grow more than a dozen species and varieties of palms, while the gardens of southern California include more than double this number of species among the palms that are successfully grown. Of course, the California fan palm, *Washingtonia filifera*, is one that is very largely grown, in some cases being used to line out an avenue in much the same way as the royal palm, *Oreodoxa regia*, is used in Brazil and Cuba, and, judging from photographs of such scenes, these palms must be wonderfully effective, the tall straight trunks surmounted by a head of large fan-shaped leaves giving a distinctly tropical effect. Possibly the fringe of old foliage that surrounds the trunk below the head may look better in a photograph than it does at short range, but after all it is natural and as such is worthy of admiration. Next to these in popularity and perhaps even ahead of the *Washingtonias* in point of numbers, are the various species of phoenix, these being much in favor in the gulf states as well as in California. *P. Canariensis* is the species most common, and the easiest to manage of the genus, being comparatively hardy, a rapid grower, and highly ornamental.

We are all reasonably familiar with the handsome young specimens of this phoenix that are imported from Belgium for decorative purposes, but these last are quite immature in comparison with the grand specimens that are grown outdoors in the south and southwest. The date palm, *P. dactylifera*, is also grown in California to some extent, and has been naturalized in parts of Arizona, where the national government has been endeavoring for some years past to found colonies of this palm. But of these two species *P. Canariensis* is the finest, the date palm being stiffer and less graceful, and also somewhat slower in growth. Several other members of the phoenix group are also used more or less for outdoor gardens, among them being *P. reclinata* and *P. rupicola*, and in all probability the dwarf Phoenix *Roebelinii* will be similarly used in the near future. The members of this genus are, however, quite a variable race of palms, there being many seedling forms that differ from the original types, and, in addition to these, there are many garden hybrids, so that it is not always an easy matter to identify a plant of this genus.

Another genus of palms that is frequently represented in the outdoor garden in the warm portions of our country is cocus, the ordinary coconut, *C. nucifera*, being frequently met with under such conditions, and it is also found in a semi-wild condition on some of the Florida keys. *C. plumosa* is admirably adapted for the garden in favored climates, and, as an example of its effectiveness, the accompanying picture of a beautiful specimen in front of a residence in Los Angeles is given, this plant being probably the finest specimen of *C. plumosa* in that favored city. *C. nucifera* is less graceful than *C. plumosa*, but throws some very fine leaves when well established and in good condition, and like all palms in the outdoor garden, these must be given quantities of water if they



PALMS IN CALIFORNIA.

*Cocos Plumosa*, Coarse Leaved Variety, Thirteen Years Planted.

are to be kept in good order. It may also be said in favor of *C. plumosa* that this palm makes a straight trunk, a feature that is quite the opposite of the coconut palm, the latter species having the peculiarity of very seldom producing a straight trunk. It would be of interest to know if *C. plumosa* has fruited in Los Angeles, for the tree is rendered even more attractive when bearing several long drooping clusters of orange colored nuts.

Several other cokes are used outdoors for decorative purposes, in fact, almost any species of this family may be so used except the one that is most grown in eastern greenhouses, namely, *C. Weddelliana*, this last giving but little satisfaction in California gardens. Another magnificent palm in southern California is our old friend *Livistona australis*, the same that in our early years was known as *Corypha australis*, a palm that was more frequently found in plant collections of 30 years ago than it is now. One scarcely needs to be told that this is an effective palm for the outdoor garden when we see such a specimen as that pictured herewith, this grand tree being also located in Los Angeles; it is now about 35 years old. *Livistona australis* is quite a tough palm and does well outdoors during the sum-

mer in the east also, provided that a sufficient supply of water be given it. *L. Chinensis*, the common fan palm, does not make such rapid progress when planted outdoors as its harder brother, but apparently develops a stem more rapidly under glass than it does outdoors; it also fruits quite freely, it having been a regular annual crop on several of the plants of this species in Horticultural Hall, Fairmount park, Philadelphia, Pa., for many years past. The tropical *livistonas* are rather tender for the outdoor garden in this country, such species as *L. humilis*, *L. rotundifolia* and others of that character not being adapted for that use, but there are enough others for all ordinary purposes without having to coddle these tender species.

W. H. TAPLIN.

LA PORTE, IND.—Mrs. Kaber, of the Kaber Co., one of the pioneer florists of this section, died at her home February 4.

CLARKSBURG, W. VA.—There was a grand display of blooming and foliage plants and a fine collection of flowers at the opening of the new store of H. Weber & Sons Co. in the new Gore building, which were shipped from their greenhouses at Oakland, Md.



PALMS IN CALIFORNIA.

Livistona Australis, Thirty Years Planted.

### Shipping Plants and Flowers.

Paper read by J. F. Ammann before the joint meeting of the Illinois State Horticultural Society and State Florists' Association at Champaign, Ill., February 2, 1911.

In treating this subject one of the important questions to consider is I think transportation. While lacking a great deal in what might be termed satisfactory transportation, especially from an economic standpoint, we must, however, admit that express is the best we have at present. So, in discussing this subject, it should be borne in mind that packing is done with a view of shipping by express.

In packing plants the most satisfactory way is to remove the same from the pots, both for convenience in packing and economy in transportation. First of all, however, the plants to be packed should be given a thorough soaking of water about three to five hours before dumping out of pots, to insure enough moisture at the roots to carry them to their destination. In packing large plants, both blooming and decorative, where it is not safe to remove such soil, it will be found very convenient to use the paper or Neponset flower pots which hold the ball of the plant nicely together. These paper pots can be purchased in any size from seed stores and are inexpensive. Such plants as mentioned above should always, regardless of the

weather conditions, be wrapped in separate paper and in cold weather the box containing the same should also be wrapped with paper and burlap on the outside. In packing smaller plants, say from two to four-inch pots it is best to always remove all the soil possible, just leaving enough to form a good ball to hold the roots together. In many cases, especially among the smaller sizes, two to four plants can be safely wrapped in one parcel, and where plants are to be shipped a long distance, it is well to use sphagnum moss moistened to help the plant retain its moisture. Packing such plants in mild weather can be safely done in baskets or open crates, in severe or even moderate cold weather, it is however best to always pack in closed wooden or heavy corrugated paper boxes well lined with several thicknesses of old newspapers. The one principal thing to be borne in mind, is to always pack as light as possible, also using light packages for this purpose; many times you will receive a shipment of plants from some good-natured florist packed nicely and properly, but lo and behold, in a box made of boards one inch thick and the express charges are a real scare. There are many more such little errors that really create hard feelings between shippers and buyers I might call attention to, but for fear of tiring you,

and to leave more space for the other part of my subject, I will sum this plant packing up by saying, as the judge does about the law in construing it, use common sense, consider what would be fair to you, then do the same for the other fellow; don't put 50 pounds of plants in a 100-pound box.

Now to the other part of my subject, "the packing of flowers," I shall treat this later as cut flowers. Flowers to be packed for shipping should always be cut, put in water, and kept in water as long as it takes them to reach their destination; in other words, if they are to remain packed 12 hours, they should be kept in fresh water at least that length of time before shipping. I have always found this a safe rule to follow, and with very little loss. Flowers should never be cut from the plant and immediately put in a box for shipping even for an hour; always put them in water first, so the flowers can absorb some moisture through the stem. This process is, of course, slower in hard wooded flowers such as roses, than in soft wooded kinds as carnations, geraniums, lilies, violets, etc. In packing flowers, paper boxes should always be used. In long distance shipments, the corrugated paper boxes are the best. The box should be lined with several thicknesses of paper according to weather conditions. Some lining should always be used, even in the most moderate weather, and where flowers are to remain packed over 10 hours, ice should be used even in severe cold weather, as the first thing the express messenger will do to a box marked flowers is to set it near a heater to keep it from freezing; hence the necessity for ice. Flowers should be packed in layers, one row nearly on top and a little in rear of the other; pack in this way from both ends of the box towards the center. Then they should be fastened down. A good way is to have a large needle (such as is used for sewing up bran sacks) threaded with a heavy twine, run it through the sides and bring around the bottom of the box, then tie by pulling the string very tight. This answers as a cleet and keeps the flowers from shifting, thereby avoids bruising of the flowers in transit. Ice can be put in a small bag and fastened in the same manner, in about the same place, to have it on the stems of the flowers only. There are many more good points to be considered in the successful packing and shipping of plants and flowers, such as condition of stock to be shipped and way of transportation. No stock, either plants or flowers, should ever be shipped or sent out unless it is in perfectly healthy condition. In this respect plant life differs largely from human life, for the latter is sometimes benefited in health by traveling, while this is never the case of the former. Inferior stock never carries well and anyone sending out such stock, in either plants or flowers, does an injustice to not only the party receiving them, but to himself as well. In shipping to a given point, inquiries should always be made at the local express office as to the most direct route, and, if possible, over one line of express, only thereby limiting extra charges. In closing, I wish to express my hope that all organizations interested in transportation of plants and flowers especially, get in touch with and assist the Railroad and Warehouse Commission in the making of a fair schedule of rates to the customer, as well as to the express companies. This I consider very important.



# THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

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We do not assume any responsibility for the opinions of our correspondents.

## THE AMERICAN FLORIST,

324 Dearborn St., CHICAGO.

THIS ISSUE 52 PAGES WITH COVER

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SPHAGNUM moss, of florists' grade, for immediate shipment, is scarce in the west.

SEVERAL western growers who force Dutch tulips and Guernsey narcissi are complaining bitterly of the quality of blooms this year, some stating that not more than 15 per cent are of first quality.

ILLINOIS Freight Classification No. 10 reads as follows: "Bulbs, garden, in packages, must be prepaid." Some railroads are holding that the guarantee is not good and that all bulbs shipped in Illinois by freight must be prepaid.

### For the Gladiolus Experts.

Who is responsible for the renaming of Geo. Paul?

What is the difference between Alice Carey and Snowbank?

### American Rose Society.

Four parties from Philadelphia have sent notices that they will make exhibits at Boston, and that they are after the first prizes. The application blanks for exhibits are now available and Eber Holmes of Montrose, Mass., is right on the job. The mayor of Boston has expressed his interest in the coming show, and Mayor Fitzgerald is a national character. Ex-president Newbold writes, "From all I hear, the show this year in Boston is going to be fine and I only trust it may prove a decided success."

These shows of fine flowers do more benefit in the general uplift than is, at first sight, always discernible. Anything that brings out the lovely and the beautiful, always tends to encourage tidiness and thrift, two conditions that add materially to the comfort of human beings. The National Flower Show is to be an advent whose influence will be widely felt. We want to gather together, if possible, a finer show than we had in Chicago, a larger show than we had at New York, as choice a show as we had at Buffalo and as beautiful a show as we had at Washington.

BENJAMIN HAMMOND, Sec'y.

### The Help Question.

The procuring of help of the necessary quality and knowledge in nurseries or greenhouses at the present day is a serious problem. A proprietor of a large nursery, desiring a young man possessing executive ability and a knowledge of trees, shrubs and perennials a short time ago, wrote to a prominent horticulturist requesting him to recommend a suitable candidate for the position. He was informed by his correspondent that he was unable to do so, saying that men with ability and possessing such knowledge were very scarce, and added that in his opinion, the trouble originates in the fact that gardening, in comparison with the mechanical trades, is so poorly paid in Europe, that few men of ability enter the work. This is a very grave question and becomes more so every year, and the same state of affairs exists in this country. The American boy is not attracted to the work in nurseries and greenhouses, which seems to him so laborious and uninteresting, and so often requires the close association with the cheaper foreign labor, which in many cases seems unavoidable, and looks for work in the other trades where the wages are higher and the hours shorter.

Although the true gardener regards himself as a professional, yet the compensation, in but few cases, is that which is received in the professions, and the majority of young men reared at the present time, near the greater cities, regard the employment as menial. The graduate of the colleges and botanical schools is not attracted to the practical part of the work, owing principally to the poor recompense, and endeavors to establish himself in some school, or as a landscape gardener, or to obtain a position with such. The opportunities for such a young man to venture into business for himself are so great that, rather than accept a position that is so generally regarded as a humble one, makes such an attempt or accepts a position in some other line, where his knowledge may be of use, that furnishes more lucrative em-

ployment. If the European gardener of ability is a growing impossibility, the nursery and greenhouse man will have to establish an apprenticeship with the menial features removed, and a wage remunerative enough to compare with the other trades, before he can expect to induce the young man of the desired ability to take up gardening as his profession.

### Society of Horticultural Science.

This, the official society of the experimental station and college horticulturists of the country, met in conjunction with the American Pomological Society at Tampa on February 9. The attendance was larger than usual, numbering some thirty-five. In the absence of President W. A. Taylor and Secretary C. P. Close, Col. G. B. Brackett of Washington and Professor Craig of Ithaca acted as president and secretary, respectively. The Society elected S. A. Beach of Ames, Iowa, president; C. P. Close of College Park, Md., and H. J. Eunance, East Lansing, Mich., secretary and assistant secretary, respectively.

A paper was read by Prof. W. R. Lazenby of Columbus, Ohio, on studies in the germination of seeds, which emphasized the desirability of securing fresh, viable seeds in crop growing, and drew attention to the vast losses caused by the use of poor seeds. M. A. Blake of New Brunswick, N. J., gave the results of experiments in determining the influence of the factor of light on the color of roses. He showed that light was not uniform in its effects. This study is of special interest to florists. The varieties studied were American Beauty, Killarney, Bride, Pridesmaid, My Maryland and Richmond. These varieties represent three colors, namely, red, white and pink. Mr. Blake made the point that the trade prefers pink and white roses to all other colors. The deep pinks are the most popular. In the variety Killarney, which is now replacing Bridesmaid, the deep, rich pinks represent the desired types, but this variety has the defect of showing considerable variation. In this respect it resembles My Maryland, the latter is influenced by the conditions under which it is grown. The New Jersey Station has studied Killarney and My Maryland, and has ascertained that the characteristic tints vary from light to a deep pink, according to the environment under which they are grown. In the case of My Maryland, the experimenter discovered that lettuce is essential to the development of characteristic deep tints. Whether this was the only factor necessary to the development of the desirable tints is still an open question. It was found that in the poorly lighted months of December and January, that if the soil was kept wet and the ventilation insufficient, the growth was soft and the flowers of both Killarney and My Maryland under size and poorly colored. Applications of high grade sulphate of potash upon My Maryland roses at the New Jersey Experiment Station showed no influence upon the color of the roses in cases where sufficient quantities of nitrogen and phosphoric acid were supplied, coupled with other suitable greenhouse conditions. Other papers were "Self-Sterility of the Rotundifolia Grapes," F. C. Reimer; "Experiments with Preservatives for Retaining the Shape and Color of Strawberries," W. R. Ballard; "Importance of the Subject of Vegetable Gardening in the College Curriculum," L. C. Corbett, Washington; "The Rest Period of Plants," W. L. Howard, Columbia. H. E. B.

## Meetings Next Week.

Albany, N. Y., March 2, 8 p. m.—Albany Florists' Club, 7173 State street.

Baltimore, Md., February 27, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange Hall, St. Paul and Franklin streets.

Chicago, March 2, 8 p. m.—Chicago Florists' Club, Union Restaurant, 111 Randolph street.  
Cleveland, O., February 27, 7:30 p. m.—Cleveland Florists' Club, Progress Hall, 2610 Detroit avenue.

Lake Geneva, Wis., March 4, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.

Lenox, Mass., March 4.—Lenox Horticultural Society.

Milwaukee, Wis., March 2, 8 p. m.—Milwaukee Florists' Club, Quiet House, Mason street and Broadway.

New Orleans, La., March 1, 8 p. m.—German Gardeners' Club, 624 Common street.

Newport, R. I., March 1.—Newport Horticultural Society.

Pasadena, Calif., March 3, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.

San Francisco, Calif., March 4.—Pacific Coast Horticultural Society.

Utica, N. Y., March 2, 8 p. m.—Utica Florists' Club, Genesee Hall, Onondaga square.

A small ship launched upon an unknown sea,  
A small seed planted from an unknown tree,  
Such is this strange new year to you and me.  
Wither the vessel goeth  
And how the seed upgrowth  
God may know.

But sail the ship and plant the seed,  
What's done in faith is done in deed.  
—Thomas Farmer's Almanac.

## Wants, For Sale, Etc

**One Cent Per Word, Cash with Adv.  
For Plant Advs., See Ready Reference Section.**  
Where answers are to be mailed from this office,  
enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—Gardener, expert in vegetables, fruits, flowers, shrubs, viticulture, etc.; wishes position as head gardener or foreman on private place.  
Address Box 542, Whiting, Ind.

**Situation Wanted**—Young man, 26, thoroughly experienced florist and gardener, offers his services to flower stores and nursery; best references. Address  
EDMUND VOHS, 81 Broad St., New York.

**Situation Wanted**—As foreman by a practical grower of cut flowers and plants in a modern place, capable of taking entire charge; a life experience; single; references O. K. FLORIST,  
59 W. Ontario St., Chicago.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and lawn. First-class references. Ready April 1; single; age 35. Address  
Key 392, care American Florist.

**Situation Wanted**—Man of general experience in all lines of work, greenhouses, fruit, flower and vegetable gardening, is open to engagement on private place. For further particulars address  
ERNEST GRANT, 122 Marengo St. Forest Park Ill.

**Situation Wanted**—By practical, middle-aged florist; life experience in growing roses, carnations, violets, mums and bedding plants; single, sober, industrious; state wages. Address  
A. G. Florist, Progress Hotel,  
12 Chatham Square, New York City.

**Situation Wanted**—By experienced seed salesman to the trade who can also fill any inside position; young, single and can give best references; position calling on trade in central states preferred. Address  
Key 393, care American Florist.

**Situation Wanted**—By gardener, Scotch, married, age 49; life experience in greenhouse, fruit, vegetable and general estate work; can grade and lay out grounds; one year in U.S.; wishes private place, New England preferred. Address  
Key 399, care American Florist.

**Situation Wanted**—As a grower of cut flowers and plants in general; life experience; capable of taking charge; state of Washington or Oregon preferred. Please state full particulars in first letter when writing. Address "FLORIST,"  
214 S. Washington, Spokane, Wash.

**Help Wanted**—Man for retail store; also man for greenhouses connected with store.  
Key 401, care American Florist.

**Help Wanted**—Man for city retail store with greenhouses in connection.  
Key 396, care American Florist.

**Help Wanted**—At once, greenhouse hands—good potters and for bedding out later in the season.  
MT. GREENWOOD, CEMETERY,  
Morgan Park, Ill.

**Help Wanted**—At once, man to raise vegetable plants and take care of small greenhouse; \$40.00 per month.  
A. A. ST. GERMAIN, Kankakee, Ill.

**Help Wanted**—An energetic young man of good appearance as assistant store clerk; one who has had experience as designer and decorator; must be strictly sober; send references from previous employers and state wages expected in first letter.  
Key 397, care American Florist.

**Help Wanted**—At once experienced grower of all lines of commercial greenhouse stocks, bedding plants and vegetables; wages \$60 per month, increased to \$75 next fall, when will be expected to take charge of small up-to-date plant.  
SASKATCHEWAN GREENHOUSE,  
Prince Albert, Saskatchewan, Canada.

**Help Wanted**—A practical grower as foreman, one who can assume the responsibility of growing No. 1 pot plants for the holiday trade also bedding plants, lining porch boxes and assist in making designs, etc.; wages \$15.00 per week to start; more if found satisfactory.  
M. BLOY, Wholesale and Retail Florist,  
880 Van Dyke Ave. Detroit, Mich.

**Help Wanted**—A good practical florist, married, preferred; one who knows the business and can be working foreman; one who can water, pot, propagate all fancy hampers artistically and posted in floral decorations; we do not grow roses or carnations, but handle thousands of them; have 25.0 feet of glass; city of ours is 151,000; state wages and references in first letter.  
W. G. MATTHEWS, Dayton, Ohio.

**Partner Wanted**—Capable, sober and strictly honest young man with some capital, to engage with us in florist business in a No. 1 growing town; no competition; climate and healthfulness unsurpassed; investigation courted; that we are willing to put up money is evidence of our faith.  
SLOAN BROS., Greenville, S. C.

**For Sale**—Greenhouse property of 2500 square feet of glass, ground 100x557 feet; good business; reason for selling, will sell on easy terms.  
F. W. WEIDMANN, Fort Morgan, Colo.

**For Sale**—Greenhouses containing 3000 feet bench room; hot water heat; complete cold water system and irrigating system; eight lots, 4-room bungalow and out buildings; everything first class and practically new; town of 8,000; no competition; first-class shipping facilities; fine climate; terms: investigate.  
EDGAR PHINNEY,  
Livingston, Montana.

## Wanted

An agent for the Nurseries of L. GAARKEUKEN, Nurserymen, Hazerswoude, Holland, as soon as possible.

## Wanted Greenhouse at Gary

The population of Gary is 25,000 and is increasing every day. Not a single greenhouse in the near Gary. Great demand for flowers and a greenhouse goods. We also have several good lots for sale on easy terms. For information write  
GARY SALES COMPANY,  
524 Broadway, Gary, Ind.

## Wanted...

A first class grower to take charge of about one hundred thousand and square feet of glass in a prominent Southern city. Must be sober and understand thoroughly the cultivation of roses, carnations and a general line of cut flowers. In answering this advertisement, give your reference in first letter. Address  
Key 389, care American Florist.

## GREENHOUSE FOR SALE.

Because of death of owner, 17,000 feet of glass, up to date, thoroughly built, prime condition, 7-room dwelling, two acres of land; half mile from University; 100 yards from stop on electric railway to Cleveland; established trade; fine opportunity for any line of greenhouse business; price \$18,000, terms easy. Address  
Wooster Forcing Houses,  
Wooster, Ohio

## For Sale.

**11 Up-to-Date Greenhouses.** Cover over 20,000 feet of glass. Heat, one 15 horse power; one 25 horse power hot-water Turman boilers; one 25 horse power steam boiler tubular—all new. All houses furnished with both systems giving perfect control and safety. Water from well 178 feet deep, pumped to steel tower. All houses built to overflow with spring trade stock. In part thus: 10,000 geraniums; 800 Easter lilies; 500 Gladstone spiraea; about 20,000 hyacinths tulips etc., roses, bellis, carnations; 4 houses carnations; 2 houses terms, etc. Estimated inside stock \$5,000; outside about 2 acres ground, 150 sash 356 cold frames, etc. Price \$8,000 cash \$7,000 on mortgage; if sold now will buy entire plant. It cost \$21,000. Fairly healthy; must sell quick; 2 stores buy entire outfit. Location 2 miles from Harrisburg, Pa. Write me quick.

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

—PUBLISHED BY THE—

## American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid





# SANGAMO

The Variety That Has Made Good

and Is Pleasing Everybody Who Bought It Last Season.

**Sangamo** is a beautiful brilliant pink (rose pink class); nicely formed flowers on long, stiff stems that are never weak, and the calyx never splits. Will produce two to one of any other variety.

If in doubt, ask any of the growers around Chicago.

**Strong rooted cuttings, ready for immediate delivery, at special price of \$5.00 per 100; \$40.00 per 1000.**

**CHICAGO CARNATION CO.,**

**A. T. Pyfer, Mgr.,  
35-37 Randolph St.,**

**Chicago**

## OBITUARY.

**W. A. Denison.**

It is with profound sorrow that we announce the death of W. A. Denison of Ellisburg, N. Y., the founder of the W. A. Denison Seed Co., which has been conducted under his name for more than a quarter of a century.

He was devoted to the interests of his business and none the less to the high principles upon which he conceived his business should be carried on. A tireless energy, together with a sincere desire to be of service to those with whom he dealt, enabled him to build up a large enterprise and to win for himself the honor and respect of his fellows.

The business will continue under the same name, conducted by A. P. Denison and E. A. Denison, brother and nephew of the deceased, who have been associated with him for several years.

**Edward L. Coy.**

Edward L. Coy, the veteran seedsmen of Melrose, Mass., formerly of West Hebron, Washington County, N. Y., passed away at his home, February 10, Mrs. Coy having preceded him by just one year. The confidence and esteem in which Mr. Coy was held by the seed trade was voiced by the late James J. H. Gregory, his life-long friend, on the occasion of Mr. and Mrs. Coy's golden wedding anniversary which was celebrated three years ago:

The golden crown, made from the Almighty's plan  
Fits the brow only, of the honest man.

No chartered right to wear it is your need,  
We found that right in every bag of seed.

Edward L. Coy was born in Greenfield, Mass., April 4, 1831, and was therefore nearly 80 years old. For more than 60 years of this time he was engaged in the growing of seeds, cucumber seeds being his specialty. In 1893-94 he was commissioned by the United States Department of Agriculture to make expert tests on about 100 named varieties of cucumbers, the object of the tests being to weed out the synonyms. At the annual convention

of the American Seed Trade Association, held at Niagara Falls in 1909, he was honored by being elected to honorary membership in the association, a distinction which he highly prized.

Mr. Coy leaves three children who mourn his loss, Mrs. J. B. Sievwright of Brooklyn, N. Y., Dr. S. Willard Coy, East Boston, Mass., and C. Herbert Coy, seedsmen of Valley, Douglas County, Neb.

[An extended account of the late Mr. Coy and his lifework will be found in our issue of April 18, 1903, page 470, where Bernardston, Mass., is given as the birthplace of the late seed grower.—E.D.]

**James F. McConnell.**

James F. McConnell, the well known sales manager for Noe & Noe, 57 West Twenty-sixth street, died after a brief illness of pneumonia at midnight Thursday, February 16, at his residence, 180 West Eighty-first street.

Mr. McConnell suffered with blood poisoning about a month ago, but fully recovered, subsequently taking cold which resulted so fatally. He was about 43 years of age and had been sales manager for Noe's for 15 years. He was a nephew of Alex. McConnell, and at one time was in the retail business with his father, Andrew McConnell, they having a store in Madison avenue, Staten Island was his birthplace, and with the exception of a short period, his life was spent in the flower trade. He leaves a widow but no children. The funeral services were held at the residence Sunday afternoon, February 19, the interment being in Woodlawn Cemetery. He had a host of friends in the trade and will be sadly missed.

**Baltimore.**

**SUPPLY SHORT.**

Weather dull, no sunshine, no brightness, only clouds, fogs, mists and rains. Trade would be pretty fair if there was more good material, but the supply is short and quality not at all up to the mark. Roses are still in short supply. Carnations are more plentiful, but many are weak-necked,

though fine flowers. Violets continue in excess, and Saturday evening saw the curbstone merchants filled up with the stock that had accumulated through the week. Gardenias are short, but of bulbous stuff there is no end. St. Valentine's day counted for less, probably, than for many years. Some few thousand violets, freesias and other small stuff went into the boxes, but the day's total seems to indicate that Cupid's holiday observance was abandoned or adjourned.

**NOTES.**

The illustrated lecture of J. K. M. L. Farquhar of Boston before the Gardeners' and Florists' Club February 20 was one of the most interesting and instructive ever delivered before it. He not only was fully acquainted with his subject, which was "The Gardens of Italy," but he knew how to impart his observations in a way to make his audience understand it too. The illustrations, many of the photographs having been taken by himself, were new, clear and enjoyable. S. B.

**Pittsburg.**

**GOOD BUSINESS.**

St. Valentine's day proved quite a feature in the past week's business. Reports from the various florists show it as away ahead of last year. Stock was very plentiful, spring flowers being in abundance, which ruled over other stock excepting violets, they having a very heavy call. A number of customers were disappointed as some of the violets came in very poor condition, hardly fit to take out of the box. The present outlook is for a shortage in everything, as the weather has turned to the worst, a typical blizzard, which is tying up all trains.

**NOTES.**

T. P. Langhans has been reported on the sick list.

South View Floral Co., Carrick, are planning to put up some more glass.

S. Green, H. Bayersdorfer Co., Philadelphia, was a business caller in town today.

T. Malbrano, Johnstown, is figuring on two new houses in the spring. Anton Krut, Butler, has been having a heavy run on funeral work. J.

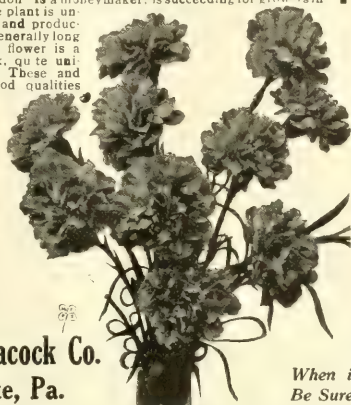
## "Expect to Grow Dorothy Gordon Next Year—Good Size and Color"

—writes one of our friends who gave Carnation "Dorothy Gordon" a thorough trial last year. This customer is a prominent florist of New England, catering to a particular class of trade. The letter expressing this opinion was in answer to an inquiry which we sent him and many other growers a few weeks ago, asking about their success with "Dorothy Gordon." These replies varied in their tone, of course—but most of the growers expressed satisfaction with its good qualities and many voluntarily stated their intention of growing it again.

"Dorothy Gordon" is a money-maker; is succeeding for growers in many states. The plant is unusually vigorous and productive, the stem is generally long and stiff and the flower is a clear bright pink, quite uniform in shade. These and many other good qualities make "Dorothy Gordon" a carnation of rare merit—your trade wants it and will gladly pay a good price to get it.

We offer Choice Rooted Cuttings, \$6 per 100; \$50 per 1000 for delivery now or later. Let us hear from you: particulars on request.

**Joseph Heacock Co.**  
Wyncote, Pa.



Railway  
Station:  
Jenkintown

When in Philadelphia,  
Be Sure to Look Us Up

## Our Palms Are Now Making a Better Showing Than Ever Before

Better stock, larger stock, more room to grow it in—these features are going to make 1911 a banner year for Heacock's palms, and for dealers handling them.

We're pretty proud of the palms we grow, and if you've ever sold any of them, you know why:—healthy, vigorous growth, plants fine and stocky; in our home-grown palms you get a quality that lasts.

Wherever used, Heacock's Palms please your customers—on the porch or lawn in summer, or indoors in cold weather. There's a fine opportunity, too, for you to do a good business renting them for decorative purposes.

You can handle Heacock's Palms at a profit—

hundreds of dealers have been doing it for years.

Remember, all our stock is home-grown—started from the seed in our own houses. They cost no more than foreign-grown plants,

though, and your trade will quickly appreciate the difference. Let us know your requirements at once; we'll gladly quote prices.



**Joseph Heacock Company**  
Wyncote, Pa.

### Cincinnati.

The market Monday started vastly different from what was apparent last week. Everything dragged, while last week almost everything sold up nicely. It is to be hoped that the balance of the week will be better than the start and the rule that you can gauge the trend of the week's business by the Monday's sales falls flat. Monday is generally the replenishing day for the retailers and when they do not use much stock to refill their ice boxes, it is hard to tell how the market will run the rest of the week. The particular feature of the market last week was the sudden influx of single violets a few days after St. Valentine's day. On Saturday they sold slowly in the wholesale houses and the Jabez Elliott Market, and at the close many were sold in job lots. Carnations appear to be coming in stronger. The call is especially for white and Enchantress. Red moves next and deeper pink last. Roses are in fair supply. The number of white in Bride and Ivory greatly exceeds the number of pink, and are of very fine quality. Killarney and White Killarney are somewhat off crops. This is also true of Richmond and Rhea Read. The request for Beauties and the supply are about even. Bulbous stock is coming in very much stronger and the choice finds a very good market. Lily of the valley drag. Callies are more plentiful while Liliun longiflorum have shortened somewhat in supply. Sweet Peas and marguerites clean up daily. The green goods market is more than amply supplied, box after box of choice stock arriving, but it moves out slowly.

Wm. Murphy has leased the four story building at 309 Main street, and will occupy the same on March 1.

The Flower Show committee has completed the schedule and it is now in the hands of the printer.

O. B. Murphy has been cutting some very fine sweet peas. C. E. Critchell is handling them.

L. H. Kyrk has been getting in some very fine callas.

Visitors: J. T. Herderger of Amora, Ind., Wm. Lodder of Hamilton, Wm. Gardener of New Castle, Jos. Goldman of Middletown, and Simon J. Hyder of Hillsboro.

Ray Murphy won the box of silk-aline offered by E. G. Gillett for the best score in two games.

|                   | 1st | Game | 2nd | Game | Av. |
|-------------------|-----|------|-----|------|-----|
| A. L. Homing      | 140 | 138  | 136 |      |     |
| Ray Murphy        | 136 | 138  | 136 |      |     |
| Al. Heckman       | 130 | 139  | 132 |      |     |
| R. Witterstaetter | 108 | 137  | 132 |      |     |
| James Allan       | 118 | 153  | 143 |      |     |
| C. H. Hofmeister  | 151 | 103  | 125 |      |     |
| Lawrence Fritz    | 127 | 135  | 112 |      |     |
| O. H. Hofmeister  | 109 | 135  | 108 |      |     |

### St. Louis.

The weather has been very warm but we have had a heavy fall of snow with a prospect of cooler weather. Violets and sweet peas are more plentiful. Quite a number of jonquils are in and they are not cleaning up well. There will be a rush of entertainments and receptions the week before Lent and a good demand is anticipated.

#### NOTES.

It is rumored in the local press on advices from Edwardsville, Ill., that J. F. Ammann has received an offer for his plant, and it is understood that he will sell and retire. He has been a very successful grower, and his advice and methods have been frequently talked over at our meetings. He is an ex-president of the Florists' Club.

W. J. Pilcher returned from Chicago and was pleased with all that he

saw, and is satisfied that Chicago has a market. He stated the stock looked very fine and remarked upon the beauty of the E. C. Amling store.

The Mullanphy Flower Co. was very busy all week at their beautifully furnished and arranged store on Grand avenue.

St. Valentine's day created a demand for violets, sweet peas and jonquils arranged in Valentine boxes.

Will Osceck of the Wm. C. Smith Wholesale Floral Co. has been doing jury duty the past week.

C. Young & Son's Co.'s windows are prettily arranged with primroses, cyclamen and ferns.

Otto Sander had a specially decorated window for St. Valentine's day.

At H. G. Berning's a nice stock of roses was seen. W. F.

JAMESTOWN, N. Y.—Lawrence Cotter filed a voluntary petition in bankruptcy February 11. He owes \$1,500.79 and has no assets.

HASTINGS, NEB.—C. W. Winkler has completed the new greenhouse that he has been building. It is of iron construction and one of the largest in this section of the country.

IRONDEQUOIT, N. Y.—Edward Brockman reports a very satisfactory business. The carnations are doing finely and he has about 20,000 bedding plants for spring trade. A new greenhouse is to be added this spring to be built by the Lord & Burnham Co.

ROCHESTER, N. Y.—The first meeting of the Florists' Association in their new quarters at 95 Main street was largely attended. An address was made by George Arnold on "Plant Breeding." The association will entertain the Buffalo Florists' Club March 8.



# EASTER LILIES

The Finest We Ever Grew

Price, \$1.50 per dozen or \$12.00 per 100.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

|                      | Per doz.       |
|----------------------|----------------|
| Extra long.....      | \$8.00         |
| 36 inches.....       | \$1.00 to 5.00 |
| 24 to 30 inches..... | 3.00           |
| 15 to 18 inches..... | 2.00           |
| 8 to 10 inches.....  | 1.00           |

### Richmond and Rhea Reid

|                     |                             |
|---------------------|-----------------------------|
| Extra long.....     | per 100, \$10.00 to \$12.00 |
| Good lengths.....   | per 100, 8.00               |
| Medium lengths..... | per 100, 6.00               |
| Short.....          | per 100, 4.00               |

### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin

|                         |                             |
|-------------------------|-----------------------------|
| Extra select.....       | per 100, \$10.00 to \$12.00 |
| Good lengths.....       | per 100, 8.00               |
| Medium lengths.....     | per 100, 6.00               |
| Good short lengths..... | per 100, 4.00               |

### CARNATIONS

|                                       |                     |        |
|---------------------------------------|---------------------|--------|
| Fancy pink and white.....             | per 100,            | \$4.00 |
| Fancy red, O. P. Bassett.....         | per 100,            | 4.00   |
| Winsor.....                           | per 100,            | 3.00   |
| <b>HARRISH LILIES</b> .....           | per doz.,           | 1.50   |
|                                       | per 100,            | 12.00  |
| Jonquils.....                         | per 100,            | 3.00   |
| Lily of the Valley.....               | per 100, 3.00 to    | 4.00   |
| Select Pink and White Sweet Peas..... | per 100,            | 1.00   |
| Double Daffodils.....                 | per 100,            | 3.00   |
| Tulips.....                           | per 100,            | 4.00   |
| Adiantum.....                         | per 100,            | 1.00   |
| Asparagus.....                        | per string,         | .50    |
| Asparagus Sprays.....                 | per 100, \$3.00 to  | 4.00   |
| Ferns.....                            | per 1000,           | 2.50   |
| Galax, Green.....                     | per 1000,           | 1.00   |
| Bronze.....                           | per 1000,           | 1.00   |
| Smilax.....                           | per doz., \$1.50 to | 2.00   |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

#### TRADE SOMEWHAT LIGHTER.

The condition of the market is but little changed from last week. The stock continues to arrive in comparatively small quantities but the quality, in many cases, is not as good as has generally been seen at this season of the year, owing, no doubt, to the weather which has prevailed ever since the first of the year. The trade for the last week has been considerably lighter than it has been in the weeks past, so the shortage is not as apparent as it really is, for with a rush of business everything would be picked up at once and the market would be bare. Roses are still rather short in quantity, and many that are sent in are of poor quality, there being very many bull-headed American Beauties and light colored Killarneys, but there are also some flowers that are of first quality, but all the growers claim that they will soon be in crop, and with a few bright sunny days the quality will improve very rapidly. Carnations are also far short of the usual supply, but the quality is very good and the prices remain firm and of first quality the prices are, in the minds of the average retailer, too high; but with the market in the condition that it is, the growers seem to have no difficulty in obtaining the figures that they ask. Lilies and callas are receiving a good call, and with the scarcity of other flowers that are ordinarily used for funeral work, many are used for that purpose. Sweet peas are a little more plentiful and some fine long stemmed flowers are seen, but even these show the effect of the dark weather in the lack of color. Lily of the valley of fine quality can be found and the prices remain firm. Violets are getting quite plentiful and large

## "The Busiest House in Chicago"

We are receiving a fine line of Tulips, single and double Daffodils, besides everything else in the cut flower line.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

shipments are received. Bulbous stock is now coming in quantity and there are plenty of tulips, narcissus and hyacinths. Many of the bulb growers are complaining of the quality of the blooms that they are getting, some of the growers saying that but few of the blooms are of first quality, in some cases not more than fifteen per cent are A 1, the balance being seconds. This being especially true of Von Sion narcissus and tulips, the tulips not being well formed and the Von Sions having split and uneven flowers, and beside, they were unusually late in coming into bloom. Paper Whites are still in good quantity and help out the cheaper grades of work. Cattleyas are arriving in quantity enough to meet all demands and the prices are such that they can be used in the better work. Snapdragons, marguerites, freesia, calendulas and lilacs are of good quality and the supply is fair. Asparagus meets with a good demand, and the new crop is being marketed by some, although still a little soft. Hardy greens are of good

quality but the price has advanced and is firm.

#### NOTES.

When we visited the Kennicott Bros. Co.'s store on February 20, the manager handed us a letter which he had received from a prominent florist in Grand Haven, Mich., in which the writer stated that he read in one of the trade papers that his brother, G. H. Pieser, was interested in the new wholesale house and wanted to know if he (E. E. Pieser) was also interested in the new concern. We wish to state in behalf of Mr. Pieser that no member of this firm is interested in the new wholesale house and that the G. H. Pieser mentioned is a nephew, and not a brother of the manager, as so many seem to believe.

Weiland & Risch received word from a customer in Douglas, Wyo., that the roses which they ship them every Saturday arrive in good condition after being on the road for four days. This is due, no doubt, to the quality of the stock and the manner in which they are packed.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

Try us on **Orchids**, we can supply you with the finest **Cattleyas**  
We are now cutting a large quantity of **Valleyand Sweet Peas** of exceptionally fine quality

## CURRENT PRICES, Subject to Change Without Notice.

| AMERICAN BEAUTIES                                  |                           | Per doz.         | Per 100 |
|----------------------------------------------------|---------------------------|------------------|---------|
| Specials                                           |                           | \$6.00           | \$4.00  |
| 36-inch                                            |                           | 5.00             |         |
| 30-inch                                            |                           | 4.00             |         |
| 24-inch                                            |                           | 2.50             |         |
| 18 to 20-inch                                      |                           | 1.50             |         |
| 12 to 15-inch                                      |                           | \$1.00 to \$1.25 |         |
| Short stem                                         | per 100                   | 4.00 to 6.00     |         |
| CARDINAL, Long                                     |                           | 2.00             |         |
| Medium                                             |                           | 1.50             |         |
| Short                                              | per 100                   | 6.00 to 8.00     |         |
| RICHMOND, extra                                    |                           | Per 100          |         |
| Select                                             |                           | \$15.00          |         |
| Medium                                             |                           | 12.00            |         |
| Good Short                                         |                           | \$8.00 to 10.00  |         |
| KILLARNEY, extra                                   |                           | 6.00             |         |
| Select                                             |                           | \$15.00          |         |
| Medium                                             |                           | 12.00            |         |
| Good Short                                         |                           | 8.00 to 10.00    |         |
| MY MARYLAND, extra                                 |                           | 6.00             |         |
| Select                                             |                           | \$15.00          |         |
| Medium                                             |                           | 12.00            |         |
| Good Short                                         |                           | \$8.00 to 10.00  |         |
| WHITE KILLARNEY, extra                             |                           | 6.00             |         |
| Select                                             |                           | \$15.00          |         |
| Medium                                             |                           | 12.00            |         |
| Good Short                                         |                           | 8.00 to 10.00    |         |
| PERLE, long                                        |                           | \$8.00           |         |
| Medium                                             |                           | 6.00             |         |
| Our Extra special grade Roses charged accordingly. |                           |                  |         |
| CARNATIONS, fancy                                  |                           |                  | Per 100 |
| "                                                  | common                    |                  | \$4.00  |
| ORCHIDS, Cattleyas, per doz.                       |                           | \$6.00 to 7.50   |         |
| HARRISII and CALLAS                                |                           | 12.00            |         |
| NARCISSUS PAPER WHITE                              |                           | \$3.00           |         |
| JONQUILS                                           |                           | \$3.00 to 4.00   |         |
| DAFFODILS                                          |                           | 3.00             |         |
| TULIPS                                             |                           | 3.00 to 4.00     |         |
| FREESIAS                                           |                           | 3.00 to 4.00     |         |
| ROMANS                                             |                           | 4.00             |         |
| VALLEY                                             |                           | 3.00 to 4.00     |         |
| VIOLETS, double                                    |                           | .75              |         |
| "                                                  | Single, Princess of Wales | 1.00             |         |
| VIOLETS, single, California                        |                           | .75              |         |
| MIGNONETTE, large spikes                           |                           | 4.00             |         |
| SWEET PEAS                                         |                           | .75 to 1.00      |         |
| ADIANTUM CROWEANUM                                 |                           | 1.00 to 1.50     |         |
| SMILAX                                             | per doz.                  | \$2.00           |         |
| SPRENGERI, PLUMOSUS                                |                           |                  |         |
| SPRAYS                                             |                           | 3.00 to 4.00     |         |
| PULMOSUS STRING                                    | each, 60c                 |                  |         |
| FERNS                                              | per 1000                  | \$2.50           |         |
| GALAX                                              | "                         | 1.25             |         |
| LEUCOTHOE                                          |                           | .75              |         |
| BOXWOOD, per bunch 35; per case of 50 lbs.         |                           | \$7.50           |         |
| WILD SMILAX, 50 lb. case                           |                           | 5.00             |         |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the year.  
Once tried you will have no other

Manager Pyfer of the Chicago Carnation Co., says they have already booked a large number of orders for rooted carnation cuttings for delivery March 1. The demand for rooted cuttings this year has been exceedingly heavy, and, from the present outlook, it seems as if there will not be enough to fill the demand. Most of the growers placed their orders early, and have already received their cuttings.

Albert A. Sawyer is making preparations for the first sowing of aster seed which is usually made in February. The pansies, another specialty, have come through thus far in good shape.

John Kruchten is filling a large number of orders for a choice grade of gardenias, which are now included in his daily receipts.

Henry Van Gelder, of Percy Jones', has received five different offers for space on the second floor of the building they now occupy, from parties not

interested in the florist business. Mr. Van Gelder takes possession of the place May 1, but as yet has not accepted any of the offers.

Vaughan & Sperry are showing a splendid assortment of bulbous stock of all kinds as well as a large quantity of eupatorium of extra fine quality. This firm is enjoying exceptionally good business and Sunday proved to be a very busy day for the shipping trade.

The Fraternal Order of Eagles of Gross Point, of which N. P. Miller is a member, intend to erect a \$7,000 club house the coming year. The club consists of only 100 members and was organized two years ago.

E. H. Hunt is offering for sale a large quantity of potted shamrocks for the St. Patrick's day sales. A large quantity of carnations and lilies of good quality are the chief offerings at this store this week.

**U S Budlong's  
E Blue Ribbon Valley.**

George Propps, with George Perdikas, corner of Dearborn street and Jackson boulevard, returned from Boston, Mass., where he spent the past few weeks visiting an uncle, who has been seriously ill.

Zech & Mann are receiving a large supply of carnations in all the leading varieties and some splendid blooms can be seen at the store this week.

George Fisher will leave February 18 for Kalamazoo, Mich., on a business and pleasure trip combined.



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other Seasonable stock. and Fancy Carnations in good supply.

### CURRENT PRICE LIST

| American Beauty     |                        | Per doz. | Bridesmaid, fancy.....  |                            | Per 100 | Freesias.....                          |                  | Per 100 |
|---------------------|------------------------|----------|-------------------------|----------------------------|---------|----------------------------------------|------------------|---------|
| Extra long.....     | \$6 00                 |          | select.....             | \$15 00                    |         | Mignonette.....                        | \$3 00 to \$4 00 |         |
| 36 inch and up..... | 5 00                   |          | " medium.....           | \$8 00 to 10 00            |         | Paper Whites.....                      | 4 00 to 8 00     |         |
| 30 inch.....        | 4 00                   |          | " good short.....       | 6 00 to 8 00               |         | Romans.....                            | 3 00 to 4 00     |         |
| 24 inch.....        | 3 00                   |          | Bride, fancy.....       | 15 00                      |         | Sweet Peas.....                        | 75 to 1 25       |         |
| 18 to 20 inch.....  | 2 00                   |          | select.....             | 12 00                      |         | Tulips.....                            | 3 00 to 4 00     |         |
| Short stem.....     | \$1 00 to 1 50         |          | " medium.....           | 8 00 to 10 00              |         | Valley.....                            | 3 00 to 4 00     |         |
| 12 to 15 inch.....  | per 100, 8 00 to 10 00 |          | " good short.....       | 6 00 to 8 00               |         | Violets.....                           | 50 to 1 00       |         |
|                     |                        |          | My Maryland, fancy..... | 15 00                      |         | Adiantum.....                          | 75 to 1 00       |         |
|                     |                        |          | select.....             | 12 00                      |         | Asparagus Plumosus, extra quality..... | \$5 to \$ 50     |         |
|                     |                        |          | " medium.....           | 8 00 to 10 00              |         | per bunch.....                         | 50 to 60         |         |
|                     |                        |          | " good short.....       | 6 00 to 8 00               |         | per string.....                        | 50 to 60         |         |
|                     |                        |          | CATTLEYAS.....          | per doz., \$6 00 to \$7 50 |         | Sorengeri.....                         | \$3 00 to 4 00   |         |
|                     |                        |          | Harrisii Lilies.....    | per doz., 1 50 to 2 00     |         | Boxwood 25c per lb., 50 lb. case.....  | \$7 50           |         |
|                     |                        |          | Callas.....             | 50                         |         | Fancy Ferns.....                       | per 1000, 2 50   |         |
|                     |                        |          | Fancy Eupatorium.....   | per bunch, 50              |         | Gaiax.....                             | per 1000, 1 25   |         |
|                     |                        |          | Carnations, fancy.....  | \$3 00 to 4 00             |         | Smilax.....                            | per doz., 1 50   |         |
|                     |                        |          | 1st quality.....        | 2 00 to 3 00               |         | Mexican Ivy.....                       | 75               |         |
|                     |                        |          |                         |                            |         | Wild Smilax.....                       | per case, 5 00   |         |

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

W. S. Garland is another of the prosperous growers in this vicinity who will enlarge his plant this spring. A new house 27x250 feet will be built and an addition made to one of the others. Mr. Garland grows a large number of carnations which he consigns to one of the leading wholesale houses in Chicago. The plants are in splendid condition and some splendid blooms of Enchantress, White Enchantress and Rose Pink Enchantress are shipped daily to this city. The proprietor speaks very highly of the Evans Challenge ventilators, which are installed here, and says they run so smoothly that a child can operate them.

Frank Garland will in the near future rebuild one of his greenhouses and equip it with Garland gutters that have been in use here for 20 years. The gutters are in very good condition and will, as one of the employees says, "last a century." Mr. Garland grows a large quantity of roses, carnations and bulbous stock which is all consigned to the local market. The employees at present are very busy grafting Killarney and White Killarney roses.

Miss A. G. Sawyer, of the Pansy Garden Flower Shop, 4042 West Madison street, is meeting with such success in her business that continued extension is necessary and more space has been added recently for plants and general store purposes. A balcony has been installed for the storage of supplies.

John Muir returned February 19, from a ten days' stay at West Baden, Ind. Mr. Muir says it was quite a change to be back in the Windy City, after spending some time in that famous resort, where the thermometer registered 60 and 70° above zero.

J. A. Budlong is indeed fortunate in having a much heavier crop on at

## Fancy Carnation Blooms

### THE PLEASING KIND

Our Carnations are arriving in splendid condition, and give satisfaction.

Remember we are growers and ship our customers strictly fresh stock, properly packed. We can please you when all others fail.

### PRICE LIST

| Carnations, extra fancy..... |              | Per 100 | Valley, Choice Blue Ribbon..... |                  | Per 100 |
|------------------------------|--------------|---------|---------------------------------|------------------|---------|
| select.....                  | 4 00         |         | Sweet Peas.....                 | \$3 00 to \$4 00 |         |
| Good.....                    | 3 00         |         | Roses.....                      | 75 to 1 25       |         |
| Violets, Double.....         | 2 00         |         | Tulips.....                     | 5 00 to 10 00    |         |
| Single.....                  | 1 50 to 2 00 |         | Ferns.....                      | 3 00 to 4 00     |         |
|                              | 1 00 to 1 50 |         |                                 | 2 50             |         |

All Greens, etc., at lowest market prices.

## CHICAGO CARNATION CO.

A. T. PFYER, Manager.  
Phone Central 3373.

35-37 Randolph St., CHICAGO

present than for some time past, as they are enabled to fill all orders, the supply of roses and carnations is much larger than is seen at most of the other places.

The Phoenix Nursery Co., of Bloomington, Ill., are sending out their spring catalogue, which seems to be well distributed among the wholesale florists in the local market.

Kyle & Foerster's chief offering this week is a splendid grade of Killarney roses which are sold at an early hour. The violets that this firm is receiving are of good quality.

Wietor Bros. are cutting a good supply of carnations, American Beauties and other roses, which are of their usual good quality.

## U S Budlong's E Blue Ribbon Valley.

The E. C. Amling Co. is offering a splendid grade of sweet peas and a large quantity of bulbous stock of all kinds.

E. E. Pieser and wife will leave March 6 for West Baden, Ind., where they will remain for a few weeks.

# CARNATIONS ROSES BEAUTIES

We are cutting a splendid grade of **Carnations** in all the leading varieties, and are now prepared to fill all orders.

## PRICE LIST:

### AMERICAN BEAUTIES

|                   | Per Doz. |
|-------------------|----------|
| Extra long.....   | \$5 00   |
| 36-inch stem..... | 4 00     |
| 30-inch stem..... | 3 50     |
| 24-inch stem..... | 3 00     |
| 20-inch stem..... | 2 50     |
| 18-inch stem..... | 2 00     |
| 15-inch stem..... | 1 50     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                      |  |
|----------------------|--|
| Richmond.....        |  |
| Killarney.....       |  |
| White Killarney..... |  |
| Field.....           |  |
| My Maryland.....     |  |
| Uncle John.....      |  |
| Bride.....           |  |
| Ivory.....           |  |
| Sunrise.....         |  |
| Gate.....            |  |
| Perle.....           |  |

|              | Per 100          |
|--------------|------------------|
| Special..... | \$12 00          |
| Select.....  | \$ 8 00 to 10 00 |
| Medium.....  | 6 00             |
| Short.....   | 5 00             |
| Select.....  | 10 00            |
| Medium.....  | 8 00             |
| Short.....   | 6 00             |

### ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|                 | Per 100      |
|-----------------|--------------|
| Fancy.....      | \$ 4 00      |
| Common.....     | 3 00         |
| Sweet Peas..... | 75 to 1 00   |
| Jonquils.....   | 3 00 to 4 00 |
| Daffodils.....  | 3 00 to 4 00 |

|                | per doz., \$2 00  | Per 100       |
|----------------|-------------------|---------------|
| Harrisii.....  |                   | \$4 00        |
| Valley.....    |                   | \$ 75 to 1 00 |
| Violets.....   |                   | 1 00          |
| Adiantum.....  |                   |               |
| Asparagus..... | per bunch, \$0 50 |               |
| Ferns.....     | per 1000, 2 50    |               |

Subject to change without notice.

**PETER REINBERG,** <sup>35</sup> Randolph St., **Chicago**

Bassett & Washburn are cutting from 500 to 1,000 lilies a day of extra fine quality. Business has been very good and the demand for red roses for Washington's birthday was exceedingly heavy. The rose crop has not been as forward as was expected, but a heavy cut of American Beauties and other roses is looked for by the first of the week. Mr. Washburn informs us that a number of pussy-willows were gathered in the woods near Hinsdale on Sunday which is the earliest that he remembers since he has made his home there. A carbuncle, which may possibly be a reminiscence of Champaign, has been a source of annoyance to him the past few days.

Upon the tenth anniversary of their wedding day, February 20, H. W. Rogers, the well known salesman at Weiland & Risch's store, and his wife entertained 16 couples at their home, 4425 Prairie avenue, and were the recipients of many beautiful presents. The evening was spent playing cards and dancing. Prof. C. H. Hamilton of the Chicago University entertained the party with musical selections. Luncheon was served and all participated in an enjoyable evening.

At the Peter Reinberg greenhouses the propagating and potting is keeping all hands busy. The American Beauty propagation this year has been very successful, for notwithstanding this rose is difficult to root, Foreman George Collins states that they are getting 90 per cent of those placed in the sand. The roses are in fine condition with good crops in sight.

Mrs. K. N. Cooper, the genial manager of the Auburndale Goldfish Co., 920 West Randolph street, is very busy preparing the new catalogue which will be placed in the printers' hand as soon as completed.

W. L. Sullivan, with the Woodlawn Floral Shop, 863 East Sixty-third



## ORCHIDS

### ::A Specialty::

A fine stock of **Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**

51 Wabash Avenue,  
**CHICAGO.**

street, has fully recovered from a severe case of blood poisoning and is again at the store looking after the splendid trade which they enjoy.

The home of Otto Wittbold at Edgebrook has been placed under quarantine, the youngest child being ill with scarlet fever. Mr. Wittbold and the two older children have been living in the office the past two weeks.

F. W. Timme, 4016 North Forty-second court, who has been suffering from the effect of a paralytic stroke, is now much improved.

**U S Budlong's  
E Blue Ribbon Valley.**

The A. L. Randall Co. is featuring a splendid grade of single and double violets this week.



# ROSES

Extra fancy KILLARNEY, WHITE KILLARNEY,  
RICHMOND, BRIDE, BRIDESMAID, and  
AMERICAN BEAUTIES.

## CARNATIONS

A large quantity in all the leading varieties. Our stock  
is all of a high grade quality and is bound to please.

No Order Too Large.

No Order Too Small.

# HOERBER BROS.

Wholesale Growers of Cut Flowers

51 Wabash Ave.,

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

CHICAGO.

We are Cutting a  
Large Quantity of

## LONG STEM BEAUTIES

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      | Per doz,       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 15-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100              |
|-----------------|----------------------|
| Killarney       | Extra fancy, \$10 00 |
| White Killarney | Fancy..... 8 00      |
| Mrs. Jardine,   | Good..... 6 00       |
| Richmond,       | Short..... 4 00      |

|             | Per 100          |
|-------------|------------------|
| Bride,      |                  |
| Maid,       | Fancy.....\$8 00 |
| Uncle John, | Good..... 6 00   |
| Perle       | Short..... 4 00  |

| Roses, Our Selection   | Per 100           |
|------------------------|-------------------|
| Carnations, fancy..... | 3 00 to 4 00      |
| Good.....              | 2 0               |
| Valley.....            | 4 00 to 5 00      |
| Adiantum.....          | 1 00              |
| Sprengerl, per bunch.. | \$ 0.50 to \$0.75 |
| Asparagus " " ..       | .50 to .75        |
| Ferns, per 1000.....   | 2.50              |
| Galax. " " ..          | 1.00 to 1.50      |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

The Foley Manufacturing Co. will furnish the material for the new range of 11 houses for George Weiland of Evanston which will be equipped with Foley steel gutters. This firm has also booked an order for a carload of greenhouse material for Tracey & Co. of Bozeman, Mont., and a similar order for Trimmer & Son of Denver, Colo.

Poehlmann Bros. Co. is now receiving a fine line of bulb stock. Some very handsome Kalzerkroon tulips and Golden Spur narcissus are coming in large quantities. The sweet peas are bearing very heavily now and are of exceptionally good quality. A fine lot of cattleyas are also daily arrivals.

F. H. Henry of Henry & Lee of New York, during his stay in this city visited the Bassett & Washburn greenhouses at Hinsdale and took several photographs of the lily houses which are now in full bloom.

The Chicago Rose Co. is filling a number of orders for a choice grade of sweet peas and hyacinths. Joseph Kocha has accepted a position with this firm and entered upon his duties last week.

Victor Bergmann, with the Ernst Wienhoeber Floral Co., is the proud papa of a baby boy which was born on the morning of February 21.

Buchbinder Bros., manufacturers and dealers in store and office fixtures,

have placed a large sign 3x13 feet over the main entrance of their store at 713 Milwaukee avenue.

E. H. Cushman of Sylvania, O.; C. E. Schaefer of La Crosse, Wis., and F. Manke of Milwaukee, visited the greenhouses of the Chicago Carnation Co. at Joliet the past week.

Hoerber Bros. are supplying their customers with a splendid grade of Killarney, Richmond and Bride roses. The carnations that this firm is cutting are of extra fine quality.

John Welsh, Jr., is enjoying a brisk business at his store on Evanston avenue and Montrose boulevard which was opened a few months ago.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

—SEND FOR PRICE LIST.—  
76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

The American Metal Box Co., successors to the Illinois Heater and Manufacturing Co., is now comfortably located in their new store at 33 Dearborn street. This firm manufactures window, veranda, and lawn boxes equipped with their patented self-watering device. C. A. Woolley, the secretary, has just completed the new catalogue which is now in the hands of the printer and will be ready for distribution very shortly. Any florist desiring a copy can obtain one by sending their name and address.

The presentation of the drama, "The Rosary," by the St. Francis Dramatic Club at St. Francis' Hall February 19, was a great success, and Miss Martha C. Guntenberg, who played the character of the leading role, has been heartily congratulated by her many friends for the excellent manner in which she fulfilled her part. A large number of the trade were present, prominent in one of the boxes being a well-known employee of O. J. Friedman.

At a meeting of the Horticultural Society, February 21, reports of the officers were presented and the executive committee was given authority to arrange for an exhibition next fall if that course is considered expedient. The election of officers was deferred until April. There was some talk of a June rose show and a committee was appointed to investigate and advise in the matter.

C. L. Sherer, the representative of the Wells-Fargo Express company, on February 20 accidentally slipped while going up the stairs leading to the Bassett & Washburn store and but for the timely arrival of John Horstman would have met with serious injury, for he was falling head-first down the

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

19, 21 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, Feb. 22. |                               | Per doz.    |
|-------------------|-------------------------------|-------------|
| Roses, Beauty.    | 36 in .....                   | 5 00        |
| " "               | 30 in .....                   | 4 00        |
| " "               | 24 in .....                   | 3 00        |
| " "               | 18 in .....                   | 2 00        |
| " "               | 12 to 15 in .....             | Per 100     |
| " "               | 8 00/12 00                    | 3 00        |
| " "               | Bride, Bridemaid select.      | 12 00/15 00 |
| " "               | medium 6 00/10 00             | 3 00        |
| " "               | Killarney select.             | 12 00/15 00 |
| " "               | medium and short 4 00/10 00   | 3 00        |
| " "               | My Maryland.                  | 6 00/15 00  |
| " "               | Perle .....                   | 4 00/12 00  |
| " "               | Richmond .....                | 6 00/15 00  |
| " "               | White Killarney select.       | 15 00       |
| " "               | medium .....                  | 2 00/12 00  |
| " "               | Carnations .....              | 2 00/3 00   |
| " "               | fancy .....                   | 4 00        |
| " "               | Cattleyas .....               | 6 00/7 50   |
| " "               | Gardenias .....               | 5 00/6 00   |
| " "               | Dendrobium Formosum ..        | 5 00/6 00   |
| " "               | Dendrobium Nobile .....       | 2 00/4 00   |
| " "               | Freelias .....                | 3 00/4 00   |
| " "               | Hyacinths, Roman .....        | 1 50/2 00   |
| " "               | Lily of the Valley .....      | 3 00/5 00   |
| " "               | Mignonette .....              | 4 00/8 00   |
| " "               | Narcissus .....               | 3 00        |
| " "               | Sweet Peas .....              | 75/1 25     |
| " "               | Tulips .....                  | 3 00/4 00   |
| " "               | Violets .....                 | 75/1 00     |
| " "               | Adiantum .....                | 75/1 00     |
| " "               | Asparagus Plum. strigs. each. | 50/60       |
| " "               | per bunch.                    | 35/50       |
| " "               | Sprengeri .....               | 3 00/4 00   |
| " "               | Boxwood .....                 | 75/1 00     |
| " "               | Ferns .....                   | 2 50        |
| " "               | Smilax .....                  | 1 50        |
| " "               | Wild Smilax .....             | 5 00        |

long flight of stairs and was unconscious when picked up.

The regular meeting of the Florists' Club will be held at the Union Restaurant next Thursday, March 2, at 8 p. m. This will be rose and carnation night, and exhibits for the new varieties should be shipped to A. T. Pyfer, 35 Randolph street.

Chas. W. McKellar has acquired the agency for a metal adjustable twine holder that is meeting with the favor of the trade, as it holds any size of spool and is just what the florist needs.

Vaughan's Seed Store is taking in a large shipment of cecus stems and a car of caladium bulbs this week.

C. L. Washburn will celebrate another birthday anniversary next Monday, February 27.

Frank Kadlec is in the Evanston hospital for an operation.

Visitors: S. W. Coggan, Battle Creek, Mich.; C. E. Schaefer of the La Crosse Floral Co., La Crosse, Wis.; F. Manke of Manke Bros., Milwaukee, Wis.

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

Mention the American Florist when writing



Mention the American Florist when writing

## A. L. Randall Co.

19-21 Randolph St.,  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

## Geo. Reinberg

Wholesale Florist

35 Randolph Street, CHICAGO.

## U S Budlong's E Blue Ribbon Valley.

Chicago Bowling.

On February 15 the Orchids won three games from the Roses and the Violets two from the Carnations. The following table shows the number of games won and lost by each team to date:

| Won        |    | Lost | Won     |    | Lost |
|------------|----|------|---------|----|------|
| Orchids    | 40 | 14   | Roses   | 23 | 31   |
| Carnations | 20 | 28   | Violets | 19 | 35   |





# American Beauties Asparagus Plumosus Nanus

Lily of the Valley, Carnations and all Tea Roses, Extra large, heavy strings 50c each.

In lots of one hundred to one thousand. Phone or wire us.

226  
WELCH BROTHERS, Devonshire St. Boston, Mass. W. H. Elliott, Brighton, Mass.

THE  
J. M. McCullough's Sons Co.,  
Wholesale Commission Florists.  
—CONSIGNMENTS SOLICITED—  
Special attention given to Shipping Orders.  
Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.  
Price List on Application.  
316 Walnut St., CINCINNATI, OHIO.  
Phone Main 584.

## Boston.

### ZERO WEATHER.

Another week of almost sunless weather has passed. One and a half rain sun was the record for the week, rain, snow and zero weather mixed in. Greater Boston experienced temperatures from 0° to 14° below. Roses have not as yet got into their stage of blooming fast. Firing night and day does not produce the goods like Old Sol. White roses are the scarcest article—funeral work seems to have taken up the supply, there having been a great number of deaths here lately. There is no scarcity of other material. Gardenias, that used to be the star of the zenith, are jostled along beside the plebeian carnation and violet. Business is not rushing. The views of various salesmen make the conclusion that with the event of good spring-like weather there would likely be a big slump. What is coming in goes out fairly well, but with the market in the present condition any increase would be bad. If the florists had got flowers on the free list to Canada what a boon it would have been to Boston. In times of overproduction there would have been an avenue for a big shipment of the surplus of good stock. The Weeks Forestry bill just passed will please a great many of our millionaire florists, who spend their summer vacations among the waving spruce and pines of the White Mountains, but I hope if the bill carries appropriations for inspectors for forests, that men will be employed who know a spruce from a scrub oak. The various retail stores are taking on a spring-like appearance, which reminds us again of the welcome robin. Cinerarias and other spring plants are making their debut. There are tulips coming in which wear the look of a child reared in a city tenement house. It would be much better to have them a few weeks later, and have the flowers as nature intended they should look, considering the cost of the bulbs, water, heat, care and all the other incidentals. I cannot see that there is a fortune in them. The National Show here is causing favorable comment. I hope we will have roses enough to make a record showing. Now that the carnation show and the rose show are to be held the same week, why wouldn't it be possible to have them together each year, with the advent of so many new roses, both would be a greater attraction than one.

### NOTES.

At Welch Bros. we saw a nice shipment from Joseph Fuller, Leominster,

# HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

| BOSTON, Feb. 22.           |              | Per 100 |
|----------------------------|--------------|---------|
| Roses, Beauty, beat        | 50 00@275 00 |         |
| " " medium                 | 25 00@35 00  |         |
| " " culls                  | 5 00@8 00    |         |
| " " Bride, Bridesmaid      | 2 00@8 00    |         |
| " " Extra                  | 8 00@16 00   |         |
| " " Killarney and Richmond | 8 00@16 00   |         |
| " " My Maryland            | 4 00@16 00   |         |
| " " Racol                  | 5 00@8 00    |         |
| Carnations, select         | 2 00@3 00    |         |
| " " fancy                  | 3 00@4 00    |         |
| Callas                     | 10 00@12 00  |         |
| Cattleyas                  | 35 00@50 00  |         |
| Chrysanthemums             | 8 00@35 00   |         |
| Gardenias                  | 25 00@35 00  |         |
| Lilium Longiflorum         | 8 00@10 00   |         |
| Lily of the Valley         | 2 00@4 00    |         |
| Violets                    | 50@75        |         |
| Smilax                     | 12 00@16 00  |         |

| ST. LOUIS, Feb. 22.       |             | Per 100 |
|---------------------------|-------------|---------|
| Roses, Beauty, long stems | 40 00@50 00 |         |
| " " short stems           | 20 00@25 00 |         |
| " " Bride, Bridesmaid     | 5 00@8 00   |         |
| " " Killarney             | 5 00@8 00   |         |
| " " My Maryland           | 5 00@8 00   |         |
| " " Richmond              | 5 00@8 00   |         |
| Carnations                | 2 00@3 00   |         |
| Easter Lilies             | 12 50@15 00 |         |
| Valley                    | 4 00        |         |
| Adiantum                  | 1 25        |         |
| Asparagus Sprengerii      | 2 00@3 00   |         |

| CINCINNATI, Feb. 22.  |               | Per doz. |
|-----------------------|---------------|----------|
| Roses, Beauty         | 1 00@6 00     |          |
| " " Bride, Bridesmaid | 2 00@8 00     |          |
| " " Golden Gate       | 2 00@8 00     |          |
| " " Killarney         | 2 00@8 00     |          |
| " " Richmond          | 2 00@8 00     |          |
| " " Pres. Taft        | 3 00@8 00     |          |
| Carnations            | 3 00@4 00     |          |
| Callas                | 4 00@5 00     |          |
| " " Roman             | 2 00@3 00     |          |
| Lilium Longiflorum    | 2 00@3 00     |          |
| Narcissus Paper White | 12 00@15 00   |          |
| Lily of the Valley    | 3 00@4 00     |          |
| Sweet Peas            | 75@1 00       |          |
| Tulips                | 3 00@4 00     |          |
| Violets               | 75@1 00       |          |
| Adiantum              | 1 00@1 50     |          |
| Asparagus Plumosus    | per bunch, 25 |          |
| " " Sprengerii        | per bunch, 25 |          |
| Asparagus Sprengerii  | per bunch, 25 |          |
| Smilax                | 12 50@15 00   |          |

| MILWAUKEE, Feb. 22.     |                 | Per doz. |
|-------------------------|-----------------|----------|
| Roses, Beauty           | 1 50@2 50       |          |
| " " Bride               | 4 00@10 00      |          |
| " " Killarney           | 4 00@12 00      |          |
| " " Richmond            | 4 00@12 00      |          |
| " " Perle               | 4 00@12 00      |          |
| Carnations              | 2 00@4 00       |          |
| Lilium Giantum          | per doz, 2 00   |          |
| Lily of the Valley      | 4 00            |          |
| Paper Whites and Romans | 3 00            |          |
| Tulips                  | 3 00            |          |
| Violets                 | 75@1 00         |          |
| Adiantum                | 1 50            |          |
| Asparagus               | 50              |          |
| " " Plumosus, per bunch | 35              |          |
| " " Sprengerii          | 35              |          |
| Boxwood                 | per bunch, 2 50 |          |
| Ferns, Fancy            | per 1000, 2 50  |          |
| Galax                   | per 1000, 1 50  |          |
| Smilax                  | per doz., 1 75  |          |
| Wild Smilax             | per case, 5 00  |          |

C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Both L. D. Phones. Supplies and Everything in Season always on hand

RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

THE MUNK FLORAL CO.

Wholesale Growers of CUT

FLOWERS and Jobbers of

FLORISTS' SUPPLIES.

Columbus, Ohio

### TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

119 Province St.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Daggers and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case \$7.50; by the lb., 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

of acacia pubescens, in long sprays. The old Lawson carnation as grown by him is as good as the Lawson of former years. Good American Beauties are in the diamond class, but a shipment of the above flowers received by Welch Bros. from one of their growers would make many of our growers walk miles to see how it is done. Their orchids, Odontoglossum crispum, Lycaste Skinnerii and Dendrobium Wardianum are fine.

Edward Winkler of Woburn is making an extension to his already growing plant. It is wonderful what grit and perseverance can do for a young man if he starts right.

H. M. Robinson & Co. handle an extra fine grade of lily of the valley, and their Killarney roses and gardenias are good.

The violets grown by Charles Cummings of Woburn are certainly of high-class order.

Visitors: F. R. Pierson, Tarrytown, N. Y. MAC.

WOODSTOCK, CONN.—Frank H. Miller is erecting a large greenhouse.



## New York.

## POOR WEATHER CONDITIONS.

The weather we are having is not conducive to good growing conditions, nor to the best of business conditions; too much wet and slush and too little sunshine. A very severe snowstorm struck us early Monday morning, seriously impeding all traffic. Roses are anything but plentiful, and they continue high-priced on that account. All varieties seem to be about alike, though the two kinds possibly in shortest supply are Richmond and American Beauty. The demand for carnations is falling off materially and prices are weakening. This, we believe, is not so much owing to an increase in the supply, but more owing to the vast quantities of bulbous flowers that are beginning to pour into the market, and which, naturally, come quite a little cheaper than has been the rule for some time now, with carnations. Tulips, in all the popular colors, are getting very plentiful, and while a fair price can yet be obtained for some of the special pink sorts, the rank and file are undergoing a general reduction in values. None of the narcissus family have got very crowded as yet, consequently prices remain about as they were last week. Roman hyacinths are getting a bit more numerous, and clearances are more difficult with slightly lower averages. Lilies are still selling fairly well as also are callas and lily of the valley. Freesia, when long-stemmed, goes all right; the short stock is at a great disadvantage because there is plenty of the other to be had. Sweet peas, when good, sell at a slight advance in price is noted. Violets are doing a little better than has been the rule for some weeks; the supply seems to have shortened up to some extent. The best grade blooms of cattleyas can be disposed of satisfactorily, but the smaller and inferior blooms, and they are in the majority, are quite a hard proposition, and the quantity required is the chief element in fixing the price. Single white stocks are coming in in quantity, but they do not seem much in demand. Asparagus continues to clear out well, and often strings are cut up to make bunches of sprays. Smilax is plentiful and does not clear out satisfactorily.

## NOTES.

Circulars are being received among the trade announcing a ball at the Amsterdam Opera House April 23, under the auspices of a natural and artificial flower association. The circular also requests that men in the trade join a committee, the object of which is to make arrangements for a grand natural and artificial flower exposition in Madison Square Garden, some time next fall.

Chas. Smith, a grower of Woodside, L. I., who also sells his own flowers in the Cut Flower Exchange, has leased the greenhouses of the late Wm. Amos estate, and will run them in conjunction with his own, which are adjoining. The combined glass area of the two establishments gives Mr. Smith a total of 70,000 square feet. The entire place will be devoted to cut flowers.

The bowling match which took place in the alleys of the New York team February 17 between New York and Rutherford, N. J., resulted in a victory for the home team, they winning two straight games, making the playing of the third game unnecessary. Chadwick of the New Yorkers made 225 in one of the games.

C. A. Schaffer, who for some time has been located with H. Nelson, 57 West Twenty-sixth street, selling his own products, is now with A. Moltz & Co., of the same address.

Paul and Henry Dilledouze are back from their Porto Rican trip. Souvenirs in the form of real Panama

hats were brought back and presented to some of their friends.

At the funeral services of J. F. McConnell February 19, many members of the craft were present and there was an abundance of beautiful floral offerings.

Chas. H. Totty, Madison, N. J., has been at Cornell University, where he gave a lecture on the practical side of growing, to students.

The plant auction sales are scheduled to commence about March 14, one of the sure signs that spring is approaching.

Washington's birthday was generally observed as a holiday throughout the city.

Visitor: W. H. Grever of Palmer's staff, Buffalo, N. Y.,

## Washington.

## BUSINESS ENCOURAGING.

The condition of business during the past week, relating to the retail trade, was decidedly encouraging and there was an abundance of good stock. The retailers are supplied from various sources. Some of them are extensive growers as well as retailers, while others buy wherever they can secure good stock under the most favorable conditions. Many good roses and carnations are sent here from New York and Philadelphia, but several of the local growers are at present showing excellent stock, not only in cut flowers, but in such plants as azaleas, rhododendrons, lilac and primroses. Both white and purple lilac is on the market in fair quantity. While the plants of lilac are taken to the retail stores, they are as a rule, broken up and the flowers used in various decorative or design work. The tulips and narcissus are now very abundant, many of both being attractively displayed in flats and cut as occasion requires. Violets seem to be the most plentiful stock on the market. On Saturday, February 18, we noticed quite a number of Afro-Americans peddling them on street corners. There is here a good local supply of single violets and they seem to go better in the leading stores than the double varieties that have been shipped a long distance. There are plenty of good orchids and gardenias; very noteworthy in gardenias, being the output of the range of Gude Bros. Co. During the past week there has been many very fine decorations for dinners and luncheons calling for a large amount of good stock.

## NOTES.

George H. Cooke executed a very notable wedding decoration on February 18, the occasion being the marriage of Miss Carrie Louise Munn of this city to Reginald Boardman of Boston. St. John's Church, where the ceremony was performed by the Bishop of Washington and Rev. Roland C. Smith, was very beautifully decorated with lilies, palms and smilax, being also appropriately used. There was also most artistic decoration at the home of the bride's mother, where the reception was held, where a great variety of choice flowers were used. Mr. Cooke and his entire force have of late been very busy with decorations for dinners and luncheons.

Among the many decorations which J. H. Small & Sons have been called upon to execute this month, a very fine one was at the New Willard Hotel on February 16, when Secretary of Agriculture Wilson entertained the President and Mrs. Taft and a select company. The finest roses and carnations, very artistically arranged with asparagus plumosus nanus, formed the leading features of the decorations.

All the Washington retailers are enthusiastic over the fine gardenias that are coming in from the range of Gude Bros. Co. This firm now cuts sev-

**Charles Weiss & Sons**  
127 West 28th St. NEW YORK  
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**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
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**WHOLESALE FLORIST**

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Wholesale Commission Dealer in

**CUT FLOWERS**

28 Willoughby Street,

Tel. 4591 Main. **BROOKLYN, N. Y.**

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MAURICE L. GLASS

**A. MOLTZ & COMPANY,**

**WHOLESALE FLORISTS**

55-57 West 26th St., NEW YORK

Telephone Madison Square 617 and 618.

**U S Budlong's**  
**E Blue Ribbon Valley.**

eral hundred per day and some of the largest blooms range from four to five inches in diameter. In addition to these, they have their usual supply of American Beauty roses and all other cut stocks.

Harry R. McCabe, son of M. J. McCabe, the well known grower and dealer, was 17 years old on February 11. In honor of the event his parents gave a party to which a large company of young folks were invited. There was dancing and general merrymaking and in addition an abundance of good things to eat.

O. A. C. Oehmle, decorator for Gude Bros. Co., and secretary of the Florists' Club, was recently so unfortunate as to have one of his wrists fractured. He was "cranking up" the automobile when something slipped and he received a hard blow.

J. R. Freeman, who is a specialist in lily of the valley, is offering very fine stock neatly arranged in pans. His store is also headquarters for the best lines of narcissus and tulips.

Z. D. Blackstone had a fine line and was well equipped for filling orders.

At both of F. H. Kramer's stores there was abundant evidence of business.

Leapley & Myer had a very attractive display and their business was good.

Geo. C. Shaffer had a splendid stock and a great run of trade. A. F. F.

PHILADELPHIA

NEW YORK

WASHINGTON

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Everything in Cut Flowers.

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Everything in Supplies



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PHONES 1664 } Madison Sq.  
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Roses, Carnations and all kinds of  
Seasonable Flowers in Stock.**WM. F. KASTING CO.** Wholesale  
Commission  
Florists.  
**BUFFALO N. Y.**  
Florists' Supplies and Wire Designs.**Wholesale Flower Markets**

New York, Feb. 22.

|                                   |             |
|-----------------------------------|-------------|
| Roses, Beauty, special.....       | 50 00@75 00 |
| extra and fancy.....              | 20 00@40 00 |
| No. 1 and No. 2.....              | 5 00@ 8 00  |
| Bride, Bridesmaid, special.....   | 10 00@12 00 |
| extra and fancy.....              | 6 00@ 8 00  |
| No. 1 and No. 2.....              | 4 00@ 6 00  |
| Killarney, My Maryland, spl.....  | 8 00@12 00  |
| extra and fancy.....              | 6 00@ 8 00  |
| No. 1 and No. 2.....              | 3 00@ 6 00  |
| Richmond.....                     | 3 00@20 00  |
| Carnations.....                   | 2 00@ 5 00  |
| Callas.....                       | 10 00@12 00 |
| Cattleyas.....each.....           | 25@ 60      |
| Gardenias.....per doz.....        | 2 00@ 6 00  |
| Lilium Longiflorum.....           | 8 00@10 00  |
| Lily of the Valley.....           | 1 00@ 2 50  |
| Narcissus P. White.....           | 2 00@ 2 50  |
| Yellow.....                       | 2 50@ 4 00  |
| Roman Hyacinths.....              | 2 00@ 2 50  |
| Sweet Peas.....per doz. bchs..... | 75@ 2 00    |
| Tulips.....                       | 2 00@ 5 00  |
| Violets.....                      | 25@ 50      |

BUFFALO, Feb. 22.

|                                |             |
|--------------------------------|-------------|
| Roses, Beauty, special.....    | 40 00@50 00 |
| fancy.....                     | 30 00@35 00 |
| extra.....                     | 20 00@25 00 |
| No. 1.....                     | 10 00@15 00 |
| No. 2.....                     | 5 00@ 7 00  |
| Bride, Maid, Killarney.....    | 6 00@15 00  |
| Killarney, White and Pink..... | 6 00@15 00  |
| Carnations.....                | 2 00@ 4 00  |
| Callas.....                    | 12 00@25 00 |
| Double Von Sion.....           | 2 00@ 3 00  |
| Lilium Longiflorum.....        | 12 00@15 00 |
| Lily of the Valley.....        | 3 00@ 4 00  |
| Mignonette.....                | 3 00@ 4 00  |
| Narcissus Paper Whites.....    | 2 00@ 3 00  |
| Sweet Peas.....                | 50@ 1 00    |
| Trumpet Major.....             | 2 00@ 3 00  |
| Tulips, Murillo.....           | 4 00@ 5 00  |
| Tulips, Single.....            | 3 00@ 4 00  |
| Violets.....                   | 50@ 75      |
| Adiantum Crownatum.....        | 75@ 1 50    |
| Asparagus per bunch.....       | 35@ 50      |
| Asparagus Sprengeri.....       | 35@ 50      |
| Asparagus Str.....             | 50@ 60      |
| per 1000.....                  | \$2 00      |
| Galax, green and bronze.....   | 1 50        |
| Leucothoe Sprays.....          | 75          |
| Smilax.....                    | 15 00       |

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All flowers in season. Consignments of first-class stock solicited.

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Chrysanthemum Novelties my specialty.

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American Beauty Roses a specialty, Roses,  
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WHOLESALE PLANTSMEN AND FLORISTS

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Prompt and satisfactory. Consignments solicited  
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Receivers and Shippers of **FRESH FLOWERS.**

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Open for Cut Flower Sales at 6  
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Desirable Wall Space to Rent for Advertising.

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—FLOWERS SHIPPED BY—

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Adiantum Crownatum sold here exclusively.

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# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.60 per 1000  
 boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnollas, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

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All Phone Connections.

DETROIT, MICH.

### Buffalo.

MORE BLIZZARDS AND RAIN.

The past week has been a repetition of the previous one as to the weather, more blizzards and more rain. Tuesday being St. Valentine's day the florist naturally used his best endeavors to have a choice stock for the occasion and succeeded, but such a day! it was a mixture of everything but sunshine. Notwithstanding the bad day trade was good, but not what it would have been had the day been bright and clear. Violets, lily of the valley and orchids found ready sale for corsages, while carnations, roses, daffodils, lilac, etc., in prettily arranged boxes, artistically decorated with hearts, cupid's darts, etc., were sent as gifts. Palmer, Anderson, Stafford and the Lenox Flower Shop had very attractive windows for Lincoln's birthday and Valentine's day. Palmer's window at the lower store being very beautiful. As is well known hearts are always very prominent on February 14. They were in different sizes, some gold in color, others red, one flower shop having some of the larger ones hanging in an unused ice box, were mistaken by a customer, either in jest or earnest, they asked the salesman how much he charged for "Liver." "Hi, there!" he said to another party, "they think they are funny but it is no laughing matter."

### NOTES.

John Schweichler of North Tonawanda has grown another two inches. It is a "boy." He has a child for every day in the week now. Should the infant get his days and nights twisted it will greatly aid John to keep awake and do his night firing.

Schwerdt & Berner, located at Forks, are very much pleased with the looks of their Easter stock. Mr. Schwerdt says it means a busy spring for them. Easter coming so late makes it hard to get their immense stock of bedding plants ready for their trade.

Thursday will be a lively one, as the Buffalo florists will have as their guests the Rochester florists, when the different clubs will each have a team of five men to bowl a friendly match.

Paul Berckowitz of H. Bayersdorfer & Co., Philadelphia, was a visitor last week, accompanied by Mrs. Berckowitz. They were on a pleasure trip.

W. H. Grever, of Palmer's, is in New York partly for pleasure and also in the interests of the Every Ready Pot Cover Co.

L. H. Neubeck has a fine lot of lilies at his Williamsville greenhouses.

S. A. Anderson was in Rochester last week.

BISON.

ALBANY, N. Y.—The banquet of the Albany Florists' Club will be held March 2.

## Laurel Wreathing and Sheet Moss

Galax, Leucothoe and Ferns

Shipped to all parts. We are strictly wholesale. 15 years' experience in florist business in Chicago. Write for prices to

SWAN & CHEGGIN,

Roan Mountain, Tenn.



## Southern Wild Smilax

Now ready for shipment.

Perpetuated and Natural Sheet **MOSSSES**

Selection guaranteed.

E. A. BEAVEN,

Evergreen, Ala.

Nashville.

The floral trade in this city was given quite a boost by St. Valentine's day and the leading florists report a better trade than at any previous time. The supply of flowers was abundant, except possibly roses, which have been off crop for some little time. Violets, the Valentine flower, were in abundance; they are blooming in the open now, but such violets labor under the disadvantage of having very short stems, the glass-grown being much more desirable. The trade in potted plants was phenomenal and the supply superb. Carnations were in fine form, while mignonette, snapdragons, allysum, swainsonia, added a beauty to the larger and more pretentious flowers, and were used in making up valentine boxes. Lilies have been plentiful all winter and as funeral work has held up well have been in great demand, and served for decorative purposes for festive occasions. The spring-like weather of February brought out not only the violets but the Von Sion and Trumpet Major narcissus as well. Spring vegetation is well advanced, much ahead of former seasons.

Geny Bros. cut 15,000 violets from their pits for St. Valentine's day.

The Joy Floral Co. had a beautiful and attractive valentine window.

M. C. D.

50-lb. case

## Extra Fine SMILAX

\$2.00 per case

QUALITY GUARANTEED

When in need of extra good Smilax in any quantity, write or wire

## Henry M. Robinson & Co. MINTER, ALA.

You can rest assured that all orders placed with us will be filled to your entire satisfaction.

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Wholesale and Retail Dealers

in all kinds of

**Evergreens**  
 Fancy and Dagger  
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 Leucothoe Sprays,  
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Delivered to all parts of United States and Canada  
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NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly, on receipt of same.

Give us a trial. We know we can please you.

Galdwell the Woodsman Co., Evergreen, Ala.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.

Greenhouses: Short Hills, N. J.

—Deliveries in—

NEW YORK, LONG ISLAND and NEW JERSEY.

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2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

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Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**

440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

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**Bertermann Bros. Co.**

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**The Park**  
**...Floral Co.**

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Personal Attention to all Orders.

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**Atlanta Floral Co.**

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**D. C.**

14th and N Street

*Blackstone*

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J. DAN BLACKSTONE

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**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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*Rosary*

2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

Columbus, O.

At a meeting of the florists held February 7 at the Chittenden hotel the trade was well represented, there being at least 75 present, and it was decided to form an organization to be known as the Columbus Florist Association for the purpose of holding a chrysanthemum show the coming fall. A constitution was adopted and the following officers elected: H. M. Munk, president; J. Underwood, secretary; F. C. Viereck, corresponding secretary; Gus. Ackerman, treasurer; H. W. Kropp, Paul Halbrook, C. Roth, O. Munk, Ormonde Grice and C. Jones, executive committee. The membership fee was fixed at \$2.00, and any one who has contributed more than that amount to the guarantee fund, the same shall be deducted for the membership fee. The fund has reached the amount of \$301. Memorial hall, one of the finest in this section of the country for such a purpose, can be secured for a nominal sum. A meeting of the executive committee and board of directors will be held, when the committees provided for by the constitution will be appointed. The show will probably be held November 13, 1911.

F. C. V.

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**WILLIAM L. ROCK**  
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**Matthews,**

—FLORIST—

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Flowers in any arrangement for all occasions, for Dayton and vicinity. Long day. Phones

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THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

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We Cover All Points in Ohio.

Mention the American Florist when writing



Rockford, Ill.

**H.W. Buckbee**



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Brooklyn, N. Y.



319 MAIN PHONE.  
272 FULTON STREET.

All orders by mail, telegraph, etc., will receive careful attention and prompt delivery anywhere in Greater New York, Long Island and New Jersey. Established 1874.

Terre Haute, Ind.

**John G. Heintz & Son,**  
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Telephone 247.

We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

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FLORISTS

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Order your flowers for delivery in this section from the

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1122 Grand Ave. Will fill all orders for Cut Flowers, Funeral Designs, Kansas City and Wedding and Birthday Gifts Pleasant Hill, Mo. that may be entrusted to them

St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones Bell, Main 2306; Kintoch Central 4981

Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

**Young & Nugent**

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

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Successor to Sievers & Boland

FLORIST

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Name Index to Retail Florists  
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Anderson Floral Co., The, Anderson, S. C.  
Anderson, S. A., 440 Main St., Buffalo, N. Y.  
Atlanta Floral Co., 41 Peachtree St., Atlanta.  
Baer, Julius, 138 E. Fourth St., Cincinnati.  
Bertermann Bros. Co., Indianapolis, Ind.  
Blackstone, 14th and H Sts., Washington.  
Boland, J. B., 60 Kearney St., San Francisco.  
Brettmeyer's Sons, John, Detroit, Mich.  
Buckbee, H. W., Lockford, Ill.  
Cleveland Cut Flower Co., The, Cleveland, O.  
Clark's Sons, David, 2139 Broadway, New York.  
Cooke, Geo. H., Washington, D. C.  
Cross, Eli, 25 Monroe, Grand Rapids, Mich.  
Crump, Frank, Colorado Springs, Colo.  
Daniels & Fisher, Denver, Colo.  
Dards, 44th and Madison Ave., New York.  
Dunlop's, 96 Yonge St., Toronto, Can.  
Eyles, 11 N. Pearl St., Albany, N. Y.  
Galvin, Thos. F., Inc., 124 Tremont St., Boston.  
Gasser Co., The, J. M., Cleveland, O.  
Geny Bros., Nashville, Tenn.  
Grand Rapids Floral Co., Grand Rapids.  
Gude Bros., Washington, D. C.  
Hartmann's Rosary, 2854 B'way, New York.  
Heintz & Son, John G., Terre Haute, Ind.  
Hess & Svoboda, 1415 Farnum St., Omaha.  
Hoffman, Florist, Boston.  
Holm & Olson, St. Paul, Minn.  
Keller Sons, J. B., Rochester, N. Y.  
Kellogg Flower and Plant Co., Geo. M., Kansas City, Mo.  
Kliff, Robert, 1725 Chestnut, Philadelphia.  
Lange, A., 44 E. Madison St., Chicago.  
Lapes, J. E., Cedar Rapids, Ia.  
McConnell, Alex., 571 5th Ave., New York.  
Malandre Bros., 2094 Broadway, New York.  
May & Co., L. L., St. Paul, Minn.  
Matthews, 16 W. 3rd St., Dayton, O.  
Murray, Sam'l, 913 Grand Ave., Kansas City.  
Myer, Florist, 609 Madison Ave., New York.  
Park Floral Co., The, Denver, Colo.  
Palmer & Son, W. J., 304 Main St., Buffalo.  
Penn, the florist, 43 Bromfield St., Boston.  
Phillips, John V., 272 Fulton St., Brooklyn.  
Pollworth Co. C. C., Milwaukee, Wis.  
Reimers, M. D., 223 4th Ave., Louisville, Ky.  
Rock Flower Co., Wm. L., Kansas City, Mo.  
Schulz, Jacob, 550 S. 4th Ave., Louisville, Ky.  
Shaffer, 14th and I Sts., N. W., Washington.  
Small & Sons, J. E., 1153 Broadway, New York; cor. 14th and 9 Sts., Washington, D. C.  
Smith Co., A. W., Keenan Bldg., Pittsburgh, Pa.  
Smith, Henry, Grand Rapids, Mich.  
Texas Seed and Floral Co., Dallas, Tex.  
Weber, F. H., St. Louis, Mo.  
Walker & Co., F., 634 4th Ave., Louisville, Ky.  
"Wilson," 3 and 5 Greene Ave., Brooklyn, N. Y.  
Withold Co., Geo., 737 Buckingham Pl., Chicago.  
Wolkatill Bros., 216 W. 4th St., Los Angeles, Cal.  
Young's, 1406 Olive St., St. Louis, Mo.  
Young & Nugent, New York.

Young & Nugent, New York.

New York.

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Phone 5297 Plaza

Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your orders for Designs and Cut Flowers in Michigan

Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN.

Boston, Mass.



"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We cover all points in New England.

43 BROMFIELD STREET.

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New York.

Established 1840

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

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Successor to Chas. W. Reimers.

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138-140 E. Fourth St.  
Long Distance Phone.

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Wholesale and Retail Florist

25 Monroe St.

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Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,  
Will fill your orders for Designs and Cut Flowers in Iowa and the Middle West.  
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**THE ANDERSON FLORAL CO.**

533 MARSHALL AVE.

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Michigan.

Orders will be carefully cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS  
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.  
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**D. C.**  
—  
**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

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FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

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The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

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All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To **THOS. F. GALVIN, Inc.,**  
124 TREMONT ST.

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**F. Walker & Co.,**

FLORISTS.

Phones: Home 1388, Cumb. Main 1388 A.  
.....634 Fourth Avenue.

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Established 1874.

**DARDS**

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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City Index to Retail Florists  
Filling Telegraph Orders.

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Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg F & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Geny Bros.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1225 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heini & Son.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,  
NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL.  
Western Union Code.

Mention the American Florist when writing

Chicago.

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**  
304 Main Street.

Members Florists' Telegraph Association.  
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Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.  
Write. Telegraph or Telephone

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**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**  
96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper care of our orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Durrea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention at Milwaukee, Wis., June 20-22, 1911.

WITH the decline in jobbing prices on onion sets, buyers develop a "welching" tendency.

IN general the mail seed trade houses report the early winter trade slower than usual.

SHORTAGES so positive that jobbers are scarcely quoting: Turnip, carrot, Mammoth White Cory sweet corn, spinach and some celeries.

CHICAGO.—Prices on the board of trade February 22 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

LILIUM MULTIFLORUM fields in Japan are, it is said, being more thoroughly rogued and a more satisfactory stock can be expected in the future. We shall want to be shown.

LILIUM HARRISII has done better than usual this season, but some growers complain of blighting of the flower buds on strong, full-grown stalks; cause unknown, mites suspected.

ENGLAND uses one-third of all Japan lily bulbs exported. The coming crop of L. giganteum is estimated 10 to 15 per cent larger than in 1910. England is well supplied with cold storage lily bulbs for forcing but there is a shortage of the 7-9 size in America.

NEW YORK.—A. R. Kennedy, of Kennedy & Hunter, is just recovering from the effects of a dislocated arm sustained while boarding a trolley car two weeks ago.—C. W. Scott, of the Yokohama Nursery Co., is back from an extended western trip.—Although there is no great rush so far, business generally is on the increase.

VISITED CHICAGO: John C. Bodger, of John Bodger & Sons Co., Los Angeles, Calif.; Fred H. Hunter, of the German Seed & Plant Co., Los Angeles, Calif.; Frank H. Henry, of Henry & Lee, New York; J. S. Michael, representing the Sioux City Seed & Nursery Co., Sioux City, Ia.; J. W. Edmundson, representing the Braslan Seed Growers Co., San Jose, Calif.

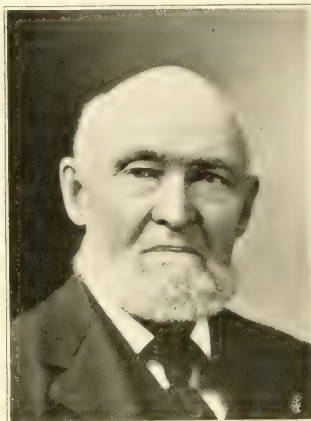
### Onion Seed Industry in the South.

The exports of onion seed from the Canary Island to the United States during the year 1910 declined approximately 35 per cent as compared with the quantity exported in 1909, according to Vice-Consul Ross J. Hazeltine of Tenerife.

The declared exports from the island of Tenerife during the past three years have been as follows:

|            | Pounds. | Value.   |
|------------|---------|----------|
| 1908 ..... | 25,570  | \$29,546 |
| 1909 ..... | 59,888  | 55,417   |
| 1910 ..... | 35,971  | 35,549   |

The exportation of onion seed from the Canary Islands to the United States began about 15 years ago, when a trial shipment of 30 pounds was consigned to a Philadelphia seed dealer. Since



The Late Edward L. Coy.  
See Obituary, Page 204.

then the exports have steadily increased, and with the decline of the drawn-work industry the trade in onion seed has become the most valuable item of export from these islands to the United States. Practically the entire crop is sold to the agriculturists and seed dealers in the southwestern part of the United States.

The year 1909 was the banner year as regards the quantity exported. The prevailing prices, however, were slightly lower than those of the preceding and present years. The American im-

porters purchased larger quantities than they could dispose of, with the result that the opening of the present season—July and August—found them with considerable quantities of old seed on hand. Consequently, contract orders for this season's crop were canceled and the export figures show a remarkable decrease.

The exports for the coming year should show an increase unless the reputation of the Canary onion seed has been injured in the United States by the mixture of old and new seed.

The quality of the Canary onion seed is unexcelled and the exporters maintain a high percentage of germination which is usually guaranteed. In order to protect the planter in the United States, as well as the reputation of seed, it has been suggested that the local exporters inclose in or stamp on the cases a written guaranty or statement as to the age of the seed contained therein, together with a certified statement as to the percentage of germination ascertained by actual test where this is possible. This course has been considered advisable for protecting the industry, owing to the fact that onion seed one year old shows only a small percentage of fertility.

The chief varieties exported from Tenerife are known as the Red Bermuda, White Bermuda, Crystal White Wax, and a few special varieties bearing the name of the exporter. The onions grown from these seeds in the United States are known in the market as large Bermudas. The average price of the seed per pound varies between 15 cents and \$1 f. o. b. Tenerife.

### Imports.

During the week ending January 28, imports were received at New York as follows:

Vaughan's Seed Store, 93 packages and one case seed, four cases plant wash.

J. M. Thorburn & Co., 48 bags seed. A. T. Boddington, 39 bags and two packages seed.

H. Frank Darrow, 33 bags and one barrel seed, 20 cases apple seedlings and one case plants.

Wheeler & Don, 32 bags seed. Henry Nungesser & Co., 22 bags seed.

McHutchison & Co., four cases trees and shrubs.

Peter Henderson & Co., three cases and two bags seed.

To others: 2,004 bags, 907 packages, 150 barrels, 20 sacks, 16 double bags, two cases and one box seed, 78 cases and eight packages plants, 45 cases and four packages trees, 23 cases and six packages bulbs.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE,

CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.



## Lily of the Valley

| From Ice Storage |                  |
|------------------|------------------|
| London Market    | Per 1000 \$14 00 |
| Premium          | 12 00            |
| International    | 10 00            |

Lily Bulbs

### Giganteum

| No. in case         | Per 100    |
|---------------------|------------|
| 7 to 9 inches.....  | 300 \$8 75 |
| 9 to 10 inches..... | 200 9 75   |

### Auratum

| No. in case          | Per 100     |
|----------------------|-------------|
| 8 to 9 inches.....   | 225 \$ 5 50 |
| 9 to 11 inches.....  | 125 8 50    |
| 11 to 12 inches..... | 75 14 00    |

### Speciosum Rubrum

| No. in case          | Per 100     |
|----------------------|-------------|
| 8 to 9 inches.....   | 225 \$ 4 75 |
| 9 to 11 inches.....  | 125 8 00    |
| 11 to 12 inches..... | 100 13 00   |

### Speciosum Album

| No. in case         | Per 100     |
|---------------------|-------------|
| 8 to 9 inches.....  | 225 \$ 7 50 |
| 9 to 11 inches..... | 125 10 00   |

### TUBEROUS BEGONIAS

|                               | Per 100 |
|-------------------------------|---------|
| Single { Scarlet.....         | \$2 50  |
| { White.....                  | 2 50    |
| { Pink.....                   | 2 50    |
| { Yellow.....                 | 2 50    |
| Doubles, colors as above..... | 4 50    |

### TUBEROSES

|                            |                |
|----------------------------|----------------|
| Dwarf Pearl, 1st size..... | Per 100 \$8 00 |
|----------------------------|----------------|

### GLADIOLUS

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Princes.....                | \$11 00 |          |
| Mrs. Francis King, 1st..... | 2 65    | \$23 00  |
| 2d.....                     | 2 25    | 18 00    |
| Augusta 1st size.....       | 1 85    | 16 00    |
| 2d size.....                | 1 75    | 13 00    |
| America, 1st size.....      | 3 50    | 30 00    |
| 2d size.....                | 3 25    | 27 00    |

**Vaughan's Seed Store,**  
CHICAGO.

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.

Branches: Michigan and Wisconsin. **MILFORD, CONN.**

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

## The Trade Directory

Florists, Seedsmen and Nurserymen  
of the United States and Canada.

Price: \$3.00, postpaid

**American Florist Co.**

324 Dearborn St., CHICAGO

# Great Drop in RED CLOVER SEED.

We offer to the trade at less than Market Prices  
500,000 lbs. Fancy Recleaned Red Clover Seed

**99 Pure Or Better.**

Wire, Phone or Write for Samples and Special  
Prices Freight Paid to Your Station.

## J. BULGIANO & SON,

WHOLESALE SEED MERCHANTS,

Founded 1818.

**Baltimore, Md.**

## The Crego Aster

"The Best in the Market." In white, shell pink, rose pink and violet-blue. The latter new this year. Buy direct from the originator and get the best. 1/4-oz. \$1; 1/2-oz. \$2; 1-oz. \$4; cash with order. Full instructions for growing with each order for 1/4-ounce or more.

**G. S. CREGO, 736 East Main St., Portland, Oregon.**

Mention the American Florist when writing

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Sons,**  
PEDRICKTOWN, N. J.

Mention the American Florist when writing

## J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

Mention the American Florist when writing

ESTABLISHED IN 1884.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St.,

bet. Broadway and 4th Ave.,

New York

Telephone 4235 Gramercy.

Mention the American Florist when writing

# SEEDS

OF ALL KINDS APPLY TO

**W. W. JOHNSON & SON, Limited,**  
Bristol, England.

Mention the American Florist when writing

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

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## S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Pea, Muskmelon,

Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Florists and Seedsmen, Scratch or Poultry Food

Sell Your Own

We will make it for you under your own brand,

for \$2.00 per ton. Send today for sample 100 lb.

bag \$1.50. Mr. C. E. Jensen, of Atlantic City,

N.J., on Oct. 27th, 1910, writes as follows: "I want

to state that your three grades of Poultry Food—

Chick Starter, Developing Food and "Square

Deal" Scratch or Poultry Food—stands without

an equal today. They are perfect mixtures and

sound in grain and a pleasure to handle."

**J. BULGIANO & SON, Importers and Wholesalers**

(Established for 92 years) Baltimore, Md.

Mention the American Florist when writing

## Telegraph Code

**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders  
AMERICAN FLORIST CO., CHICAGO.



## NEW RED DAHLIA MRS. MINNA BURGIE.

A cross between Joe Thomson and Clew or named by Mr. J. Burgie, of Fruitvale, Calif., and named after his wife Mrs. Minna Burgie, is the best Red Decorative Dahlia ever produced and will precede every other red variety now grown for cut flowers here or abroad and will draw your attention instantly when planted in a collection of dahlias: one of the most showy flowers ever created.

True decorative, bright scarlet, showing a darker shading in center, bold, erect flowers, 6 to 8 inches in diameter, with excellent stem; foliage remarkable substance; height 5 to 6 feet; good keeper and will not burn in hot weather and more freely blooming than either parent. This variety has been tested by me for three years and has shown no weak points. A vase of 50 blooms shown by me and a basket of Mrs. Minna Burgie Dahlias exhibited by Sievers Floral Co., of San Francisco, both received first prize in the Fall Flower Show in San Francisco and caused more comment among gardeners and visitors than any other exhibit. Cut flowers sold for the first time last year brought 50 per cent more than any other variety of dahlias, including Joe Thomson.

Strong tubers, \$1.00 each; \$9.00 per dozen.

**PAUL H. ECKELMANN,** San Rafael, Calif.

Detroit.

### GOOD ST. VALENTINE BUSINESS.

St. Valentine's day trade was very good and easily maintained the growing importance of this annual event to the florist business, which this year exceeded by far that of the same day a year ago, and in some cases the increase exceeded twenty-five per cent, and this, too, regardless of the most miserable weather that prevailed, and which must have deterred many from contributing to the volume of business actually transacted. It rained almost constantly the whole day, with accompanying high winds to add to the discomfort. Violets were probably in demand more than any other cut flower, though many roses and carnations as well as forget-me-nots and bulbous flowers were sold. The day before many plants were sold, the purchases seemingly being prompted by the spirit of the Valentine day. The supply of most items easily cared for the increased demand of the day, and no fancy prices were realized except for extraordinarily fine stock.

### CLUB MEETING.

The club meeting, February 20, brought out a good attendance to listen to the address of S. S. Skidelsky, on "The Drummer as a Factor in Horticulture." The essayist himself was unavoidably absent, but his paper was read by M. Bloy and was received most favorably. A resolution was unanimously adopted expressive of the club's appreciation of the author's valuable contribution, and a committee was appointed to convey to him the action of the club. A discussion of the paper followed to considerable length, many members participating, also the following travelers for horticultural establishments: J. J. Cairns, representing Henry A. Dreer, Philadelphia; A. Miller, representing S. S. Skidelsky and Irwin, Philadelphia; C. H. Twinn of the King Construction Company, North Tonawanda, N. Y.; and G. Oud, representing Mulder and Schoorl, Lisse, Holland. Our venerable ex-president, E. A. Scribner, who recently retired from the florist business, was made an honorary member amid much rejoicing. A few echoes of the report of the committee on trade paper reports at the last meeting added some life to the proceedings of the evening, which were cut short, due to the approaching late hour, for adjournment.

### NOTES.

E. A. Scribner has sold his business at 604 East Fort street to Robert W.

# Dreer's Snowball Double White Petunia

A splendid variety for summer cutting, and one of the most profitable summer cut flowers you can grow.  
Strong 3-inch pots, which will furnish an abundance of cuttings between this and planting out time, 75c per dozen; \$6.00 per 100.

### SEED OF OUR

## Superb Strain of Fringed Petunias

Choice Double Mixed.....75c per 500 seeds; \$1.50 per 1000 seeds  
Choice Single Mixed.....60c per trade pkt.; \$1.00 per 1-16 oz.; \$1.50 per 1/4 oz.

THE ABOVE PRICES FOR THE TRADE ONLY.

For a complete line of Seasonable Plants, Bulbs, Seeds, etc., see our Current Quarterly Wholesale Price List.

**HENRY A. DREER,** —714— Chestnut Street, Philadelphia, Pa.

### Branch Houses:

United States, Germany, South America:

### Home Office and Nurseries:

Sassencim, Holland.

We are now booking orders — Can we supply you?

# Gt. van Wavern & Kruijff,

## The Sign of Quality.

We are the largest growers of Bulbs, Spireas and Dahlias in Holland.

Originators of Spirea Gladstone and Queen Alexandra

**Specialties:** Hyacinths, Tulips, Daffodils, Gladiolus, Iris, Peonies, Dahlias, Spireas.

Write for our complete catalogue, just from the press.  
State whether Bulbs or Dahlias wanted.

**Gt. van Wavern & Kruijff,** Branch House, 491 Bourse Bldg., PHILADELPHIA, PA., U. S. A.

### TO THE TRADE

# HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1777.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES, (mixed),** the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4 oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

Jean, who has been in Mr. Scribner's employ for nine years.

John H. Warnicke spent all last week in Chicago. J. F. S.

Santa Cruz, Calif.

T. Thompson, with his new propagating house, is preparing to supply the carnation growers of this section with all the plants they want.

Mr. Baldwin, of Carrillo & Baldwin, called on J. P. Parker who is making up a list of orchids for the coming year.

Owing to the generous rains and cold this season, we should have an abundant crop of every kind this year.

The Leedham Bulb Co. are busy as bees harvesting their daffodil crop. J. P. P.

# GLADIOLUS

Cinnamon Vines, Madeira Vines,

Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

**E. S. MILLER,** Wading River, N. Y.

# Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

324 Dearborn St.,

CHICAGO





## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
S. W. Serenace, 528 Illinois Life Building, Louisville, Ky., Secretary; M. L. Kutenik, Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

BULLETIN No. 82 issued by the Department of Agriculture on "Insects injurious to truck crops," deals with the cucumber beetles and describes the different kinds which not only feed upon cucumbers but many other truck crops as well as flowering plants and orchards and contains biologic notes and observations and remedies.

### Prices of Indoor Fruits and Vegetables.

New York, February 18.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 40 cents per pound; radishes, 85 cents per dozen bunches; asparagus, \$7 per dozen bunches; rhubarb, \$1.25 per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 35 cents per quart.  
Chicago, February 20.—Mushrooms, 20 cents per pound; cucumbers, \$1.75 to \$2.00 per box, small; lettuce, 30 cents per pound; radishes, 10 cents to 40 cents per dozen bunches; rhubarb, 25 cents to 35 cents per dozen bunches.

### Tuxedo Horticultural Society.

This society held a meeting February 8 with President Miller in the chair. It was customary, he said, for a newly elected president to deliver an address, but he felt sure that they were more eager to participate in the bowling match, which was to follow the meeting, than to listen to a lengthy speech. However, he would take this opportunity to thank them all for the honor of electing him president, and assure them that he would do everything in his power for the welfare of the society. He spoke very highly of the officers elected with him. With such an energetic government and the renewed interest shown, was ample proof that the society was in a flourishing condition. The alteration in the by-laws admitting assistant gardeners free of initiation was passed. The executive committee reported that James Scott, of Elmsford, would deliver an address at the meeting March 1. It was agreed to have an exhibition of reasonable flowers at the same time. Twelve were elected to membership in the society. They are as follows: Associate, C. B. Oram, H. M. MacLachlin, R. Pringle; head gardeners, George Thomson, William Noonan, Alphonse Anthelot; assistant, Alfred E. Townsend, Hugh Lyons, Wm. Sturrock, E. Bartt, Geo. Pulin, Thomas Henderson. An enjoyable evening was spent in bowling.

ALBERT FISCHER, Secy.

### Westchester and Fairfield Hort. Society.

The regular monthly meeting of the society was held in Royal Arcanum Hall, Stamford, Conn., February 10, with President James Stuart in the chair, having an attendance of sixty members, this making a good showing and giving proof that the society will flourish. The main topic of the meeting was the establishing of the by-laws as presented by the executive committee, with few changes.

One of the most interesting features was the worthy exhibits. Scott Bros., Elmsford, N. Y., were awarded a certificate of merit for a vase of their

scarlet carnation William Eccles, a cross between Victory and Beacon, fully as large as Beacon, and much fuller in the center than Victory, a rich glowing scarlet color, and has the perfume of the clove carnation. The stems are long, holding the flower perfectly erect. A Broschke, gardener to Wm. Ziegler, Noroton, Conn., was awarded a certificate of merit for a plant of oncidium splendendum. A vote of thanks was accorded to James Atchison, gardener to M. J. Borg, Stamford, Conn., for three plants of cineraria hybrid, and to James Stuart, gardener to Mrs. F. A. Constable, Mamaroneck, N. Y., for a vase of carnations May Day. The next regular monthly meeting will be held at 8 p. m. March 10.

MARTIN M. BENEDEK, Sec'y.

### Syracuse, N. Y.

Local dealers report unusually heavy sales during the past week, the stimulus being attributed to St. Valentine's Day. Roses and carnations seemed to be most popular. Violets this year, one dealer said, to be properly in the Valentine class, were packed in the new fiber baskets, the lid being fastened with a big violet and green gauze bow. "I do not know why," said one of P. R. Quinlan's men, "but the average man likes to see ribbon decorations as well as the average woman."

Rev. Dr. Edmund M. Mills has been elected president of the newly organized Syracuse Rose Society. Other officers are: First vice-president, James M. Gilbert; second vice-president, J. D. Pennock; third vice-president, Mrs. Frank H. Hiscock; fourth vice-president, Mrs. F. R. Hazard; fifth vice-president, Mrs. Robert Dey; recording secretary, Earl A. Bates; treasurer, George E. Thorpe; executive committee, Sam T. Betts, David Campbell, John W. Menelly and Frank E. Ainslee. The organization starts with a membership of one hundred. The basis of membership is made so broad that it embraces all cultivators and lovers of flowers in this city and vicinity. All the officers are prominent in Syracuse. Regular meetings will be held the second Tuesday of each month. The first of the series of three exhibitions to be given by the society will be the rose fair at the State Armory next June.

A. V. B.

### Cleveland.

#### STOCK SHORT OF THE DEMAND.

There is very little change in the conditions. Stock of all kinds is short of the demand, with the exception of bulbous flowers, of which there seems to be plenty of all grades and varieties. The past week has been dark and wet with very little sunshine. Lilies and callas are plentiful and sell readily. Lily of the valley and violets of exceptionally good quality are selling well. Adiantum is rather short and asparagus is cleaning up quickly.



Watch for our Trade Mark stamped on every brick of Lambert's

### Pure Culture Mushroom Spaw

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn.

smilax being not much in demand. Boxwood is selling well and the quality is of the best. Roses, especially are short, pink and white for funeral work are very short, at no time since Christmas has there been a sufficient supply to fill the orders. Beauties are off crop as yet, as are Richmond roses. Carnations remain about the same, as to price and quality, with not enough to go around. Sweet peas have been short of the call. Freesia of good quality is coming in.

#### NOTES.

Hammell Bros. have opened a retail store at 1525 Woodland avenue, near East Fifty-fifth street. They will do a general cut flower business.

Chas. A. Woodman, of the Cleveland Florists' exchange, has been on the sick list for a few days the past week.

Miss Nettie Heideman entertained a number of girl friends at her home on Decker avenue Saturday afternoon and evening. This was a George Washington party and all declared they had spent a most enjoyable time. C. F. B.

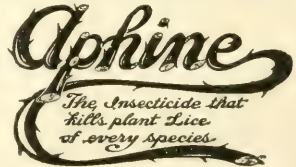
PEEKSKILL, N. Y.—Fully one thousand persons visited the opening of the new flower store of C. E. Haines & Co. in the Wolff building, every visitor receiving a floral souvenir. The firm has a branch at Mt. Kisco and greenhouses and nursery at Bedford, and are at present constructing a new greenhouse.



ENGLISH, Best quality, arriving constantly.  
Spaw is from } 25 lbs. .... \$2.00  
selected specimens } 100 lbs. .... 6.50  
AMERICAN, Our monthly shipments from the manufacturer include all the varieties.  
Garden City } 25 bricks ..... \$ 3.50  
Pure Culture } 100 bricks ..... 12.00

### VAUGHAN'S SEED STORE,

CHICAGO: 84-86 Randolph St. NEW YORK: 25 Barclay St.



You may depend on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

### For Sale by Seedsmen.

MANUFACTURED BY

Aphine Manufacturing Co., Madison, N. J.

## Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 136 page, 25th anniversary, catalogue contains true description and no over-drawn illustrations. Our prices are right quality considered. Market Gardeners are requested to write for our Market Gardeners' Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE,

Box 700  
Established 1886

Beatrice, Neb.



## A Grand New Carnation Bright Spot

Outclasses everything heretofore grown in the dark pink class.

Won first honors in the 100 class for the best dark pink at the A. C. S. meeting, Pittsburg, January 1910, also at the Chicago Flower show, November, 1909.

It is a pure bright dark pink of even shade, size  $3\frac{1}{2}$  inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price per 100, - \$ 12.00 Price per 5000, - \$400.00  
" " 1000, 100.00 25 at 100, 250 at 1000 rates

Place your order now to be in on early deliveries.

**NIC. ZWEIFEL,** North Milwaukee,  
Wisconsin.

## CARNATIONS

### Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

|                                  |         |          |
|----------------------------------|---------|----------|
|                                  | Per 100 | 1000     |
| White Wonder. Our new white..... | \$12 00 | \$100 00 |
| Gloriosa. Our new pink.....      | 12 00   | 100 00   |
| Pink Delight.....                | 6 00    | 50 00    |
| Scarlet Glow.....                | 6 00    | 50 00    |
| Shasta.....                      | 6 00    | 50 00    |
| Sangamo.....                     | 6 00    | 50 00    |
| Dorothy Gordon.....              | 6 00    | 50 00    |
| J. W. Riley.....                 | 6 00    | 50 00    |
| Admiration.....                  | 6 00    | 50 00    |
| White Perfection.....            | 3 00    | 25 00    |
| Winona.....                      | 3 00    | 25 00    |
| Enchantress.....                 | 3 00    | 25 00    |
| Rose Pink Enchantress.....       | 3 00    | 25 00    |
| Beacon.....                      | 3 00    | 25 00    |

**F. DORNER & SONS CO.,**  
LaFayette, Ind.

Mention the American Florist when writing

## Ferns for Dishes

|                                     |         |          |
|-------------------------------------|---------|----------|
|                                     | Per 100 | Per 1000 |
| 24-in.....                          | \$3.50  | \$30.00  |
| 500 at 1000 rates. Cash with order. |         |          |

**FRANK OECHSLIN,**  
4911 Quincy St., CHICAGO

Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

### WHITMAN FERN

2½-in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.

Magnifica, 2½-inch 15c each.

**HENRY H. BARROWS & SON,** Whitman, Mass.

## Verbenas,

70c per 100; \$6.00 per 1000.  
Colesa, 70c per 100, \$6.00 per 1000; Ageratum, 60c per 100, \$5.00 per 1000; Daisies, \$1.00 per 100; \$8.00 per 1000; Heliotrope, \$1.00 per 100, \$8.00 per 1000; Alyssum, 80c per 100.  
Everything named. Express paid. Cash with orders.

**S. D. BRANT,** Clay Center, Kans.  
Mention the American Florist when writing

## Don't Forget, in the Rush

That You'll Need Stock Later on.  
For example, there's your

### Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth, evenly graded, disbudded, well-rooted stocks, especially selected for florists' grafting.

### Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1,700 to the case).

Perfection, \$12.00 the thousand (2,000 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3,000 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

## JACKSON & PERKINS CO.

Wholesale Florists and Nurserymen,

**NEWARK (Near Rochester), NEW YORK**

Mention the American Florist when writing

## Seasonable Stock

Kentia Belmoreana, 2½-in pot plants \$8.00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15-in. high, \$35.00 per 100; 5-in. pot plants, 15-18 in. high \$60.00 per 100

Nephrolepis Scholzella, 2½-in. \$5.00 per 100; 5-in. strong, \$6.00 per doz; \$40.00 per 100.

Asparagus Sprengeri, Strong 5-in. pot plants, 15c.

Rhododendrons, Fancy forcing varieties, 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

Dracaena Indivisa, 2½-in po stock for growing on at \$3.00 per 100.

### Lilacs

Imported, not-grown, for cut flowers; bushy, suitable for 7 or 8 inch pots, 50c each; \$5.00 the dozen. Charles X only.

### Half-Standard Roses

Baby Rambler and Mrs. Cutbush, 50c each; \$5.00 the dozen. No better at any price. Full Standard Baby Rambler, same.

### Bush Roses

Fine assortment leading H. P.'s. like Bruner, Charta, Druschke, etc.

Also Hybrid Teas, Rambles, Dorothy Perkins, etc.

Spiraea, large forcing clumps. Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba, \$6.00 per 100; Blandin, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

Heliotrope, Purple, in five good varieties. \$3.00 per 100; \$25.00 per 1000.

Boxwood, Bush shape for window boxes or pot sale, very bright foliage and bushy. 10 to 12-in. high \$20.00 per 100; 12 to 15-in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

Dahlias, Fine collection of field grown clumps. (Special circular on application.)

**THE STORRS & HARRISON CO.,** Painesville, O.



## The Nursery Trade

American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shenandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

VISITED CHICAGO: Martin Kohan-  
kie, Painesville, O.

THOMASVILLE, GA.—At the annual  
meeting of the Georgia State Horti-  
cultural Society, R. C. Berckmans, son  
of the late P. J. Berckmans, the only  
president the society has had since its  
organization in 1876, was elected presi-  
dent of the organization.

### American Pomological Society.

The thirty-second biennial meet-  
ing of this society was held at Tampa,  
Fla., February 9-11 and was most suc-  
cessful in every respect. The attend-  
ance was much larger than the last  
meeting at St. Catharines, Ont., and  
the programme was crowded with  
items of interest during each session.  
Delegates from twenty-six horticultu-  
ral organizations were present and  
twenty-five states represented. Ex-  
cursions were provided to the leading  
orange and grape fruit regions in the  
vicinity and to the famous Tarpon  
Springs sponge industry by the Tampa  
board of trade and the Florida State  
Horticultural Society. The following  
officers were elected: L. A. Goodman,  
Kansas City, president; G. L. Taber,  
Glen Saint Mary, Florida, vice-presi-  
dent; John Craig, Ithaca, N. Y., secre-  
tary; L. R. Taft, Lansing, Mich., treas-  
urer; C. L. Watrous, Des Moines, Ia.,  
W. C. Barry, Rochester, N. Y., W. T.  
Macoun, Ottawa, Can., C. W. Garfield,  
Grand Rapids, Mich., and W. S. Hart,  
Hawks Park, Fla., executive commit-  
tee. Invitations were received from  
San Francisco, Portland, Chicago, St.  
Louis and Washington for the next  
meeting of the society, but the matter  
was referred to the executive commit-  
tee for later consideration. H. E. B.

### Nassau County Horticultural Society.

The regular monthly meeting of the  
Nassau County Horticultural Society was  
held in Pembroke hall, Glen Cove,  
L. I., February 27. President Treppes  
was in the chair and there was a good  
number present. A very hearty vote  
of thanks was accorded the dinner  
committee for the admirable way in  
which they performed their duties and  
made the affair such a success. A letter  
was read from the New York Florists'  
Club, asking the support of this  
society in their endeavor to procure  
an appropriation of \$50,000 from the  
legislature of New York, to erect  
greenhouses at Cornell for the advance-  
ment of horticulture. Mr. Ebel of  
the Apine Co., was elected to become  
an honorary member of the society.  
James Murray and Herman Butcher  
were elected to active membership.  
There was also one application for  
membership. A. MacKenzie and J.  
Livingstone and J. MacDonald were  
appointed judges of the monthly ex-  
hibits, and their decisions were as fol-  
lows: Pot of cyclamen, certificate of  
culture, H. Matz; Roman hyacinths,  
certificate of culture, J. Ingram; car-  
nations, Rose Pink Enchantress, hono-  
rable mention, J. Ingram; vase of mix-  
ed carnations, honorable mention, J.  
Ingram; for the society's prize, the  
awards were as follows: 12 pink car-  
nations, V. Cleres, first; 12 white car-  
nations, V. Cleres, first. There was  
also another competition for a book on  
carnations by C. W. Ward, which was  
presented by the Cottage Garden Nur-  
sery Co. for 25 carnations, Alma Ward.

It was won by Wm. Eccles, with a  
very fine vase of blooms. The Cottage  
Garden Nursery Co. exhibited a new  
carnation, a seedling of a light red  
color, which was awarded a certificate  
of merit. It was decided to hold a  
euchre and dance in Pembroke hall,  
February 27. It was also decided that  
at the March meeting the society's  
prize would be for cinerarias, cyclamen  
and stocks, one pot of each. The  
"Buds" Company of New York is pre-  
senting a silver cup for the best col-  
lection of spring flowering bulbs, which  
will also be competed for at the March  
meeting. The collection to consist of  
six varieties, 12 of each, lily of the  
valley to be excluded.

ERNEST WESTLAKE, Sec'y.

### Horticultural Society of New York.

A meeting of the society was held  
in the East Assembly Hall, American  
Museum of Natural History, February  
8. There was a good attendance, and  
those present listened to a lecture by  
George V. Nash on "Some Common  
Orchids and Roses," illustrated with  
colored lantern slides.

The special feature of this meeting  
was the inauguration of the monthly  
exhibitions. This exhibition was held  
in the West Assembly Hall. A de-  
cided success was scored and it is ex-  
pected this will lead to still more suc-  
cessful exhibitions during the coming  
months.

The schedule was planned to give  
non-commercial growers, gardeners and  
others interested in the growing of  
plants and flowers for pleasure, an op-  
portunity to exhibit where they would  
meet in competition only those of their  
own class. That this was appreciated  
by the gardeners was attested by their  
attendance.

The society is desirous of impress-  
ing upon gardeners and other plant-  
lovers, that here is an opportunity, in  
these monthly meetings, that has never  
before been theirs in this vicinity—an  
opportunity each month to exhibit  
plants and flowers.

The next exhibition and meeting will  
occur March 8. Announcement of the  
schedule will be made shortly.

The following is a list of the prize-  
winners at the exhibition held on Feb-  
ruary 8: Dendrobium plant in bloom,  
C. C. Moore, Hackensack, N. J. (John  
P. Mossman, gardener) first; Cyri-  
pedium plant in bloom, Miss M. T.  
Cockcroft, (Adam Patterson, gardener)  
first; plant of any other orchid in  
bloom, C. C. Moore, first; hybrid  
orchid plant in bloom, C. C. Moore,  
first; collection of cut orchids, C. C.

Moore, first; best vase of a new rose,  
not yet in commerce, The F. R. Plym-  
son Co., silver medal; three vases of  
roses, three kinds, 12 flowers of each,  
R. Delafeld, (Wm. Brock, gardener),  
first; vase of 12 Pink Killarney, Mrs. F.  
A. Constable, (James Stuart, gardener)  
first; vase of 12 White Killarney, Miss  
C. A. Bliss, (J. T. Burns, gardener)  
first; Mrs. F. A. Constable, second; vase  
of 12 Richmond, Mrs. F. A. Constable,  
first; vase of American Beauty roses,  
Chas. Stuart Smith, Jr., (Anthon Ped-  
erson, gardener) special; collection of  
orchids, Laker & Hurrell, special, sil-  
ver medal; dish of mushrooms, Miss C.  
A. Bliss, special; two vases of carna-  
tions, Miss C. A. Bliss, special; pot of  
lily of the valley, Miss C. A. Bliss,  
special; vase of Acacia longifolia, Mrs.  
F. A. Constable, special; collection of  
cut orchids, Julius Roehrs Co., special,  
bronze medal.

—For the Best New and Standard—

## DAHLIAS

—address—

PEACOCK DAHLIA FARMS,  
Williamstown Junction, N. J.

Post Office: Berlin, N. J.

Mention the American Florist when writing



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to  
5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12  
inches to 4 feet will satisfy all in grade and price.  
Special low prices in car lots for Fall delivery; let  
me know your wants before purchasing.

Also a fine stock of AMPELOPSIS Veltchli,  
2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up;  
1000 to 10 distinct kinds, 1 set show, decorative  
or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100,  
\$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

## TO BUY

100 to 500 Purple Wisteria Plants,  
free of San Jose scale, delivered to  
express. State price and age of  
plants. Address

P. O. Box 594, Kansas City, Mo.

# Giant Himalaya Berry

Hardy as a oak tree; canes grow 30 to 50 feet in one season;  
cropped in Michigan last season at rate of 1042 crates to the acre;  
wood never dies; crops from old wood as well as new every year;  
Blooms end of June; fruit ripe in August and September; fine for  
table dessert, pies, jam and jellies. Drop a card for our New Berry  
Book; it's free. Over 100,000 plants sold since Jan. 1, 1911.

Berrydale Experiment Gardens, Florist Avenue,  
HOLLAND, MICH.

## POT PLANTS

For Immediate Use.

|                                  | 3 in.                          | 4 in.   | 5 in.   | 6 in. |
|----------------------------------|--------------------------------|---------|---------|-------|
| Cyclamen .....                   | \$7.50                         | \$15.00 | \$25.00 |       |
| Primroses .....                  | 7.50                           |         |         |       |
| Obconica .....                   | 7.50                           | 12.50   | 20.00   |       |
| Forbesii .....                   | 7.50                           |         |         |       |
| Cinerarias .....                 |                                | 25.00   |         |       |
| Tulips .....                     |                                | 20.00   | \$30.00 |       |
| Hyacinths .....                  | 10.00                          | 20.00   | 30.00   |       |
| Narcissus .....                  |                                | 20.00   | 30.00   |       |
| Jonquils .....                   |                                | 20.00   | 30.00   |       |
| Begonias, in varieties, at ..... | 35c and 6c                     |         |         |       |
| Begonias, Rex, at .....          | 5c and 8c                      |         |         |       |
| Begonias, Spiral Rex, at .....   | 5c and 10c                     |         |         |       |
| Azaleas .....                    | \$1.00, \$1.25 and \$1.50 each |         |         |       |

### Order Easter Stock Now

**Hydrangeas**—  
 6 in. pots, 6 to 8 heads, \$1.00 to \$1.25 each  
 8 in. pots, 8 to 12 heads, 1.50 to 2.00 each  
 9 in. pots, 10 to 20 heads, 2.00 to 2.50 each  
**Spiraea**, 35c, 50c and 75c each, 3 varieties  
**Pink Spiraea**, 50c, 75c and \$1.00 each  
**Lilacs**—Can ship these now at 35c, 50c and 75c  
 a plant or send to your order later at 12½c  
 per bud.  
**Azaleas**, \$1.00, \$1.25 and \$1.50 each  
**Baby Rambler Roses**—We have 500 in 6 and  
 7 in. pots that are going to be the large,  
 bushy plants for immediate delivery, 40c  
 and 75c each; after March 15th, 75c, \$1.00  
 and \$1.50 each  
**Southern and Hermosa Roses**—3½ in., 15c;  
 4 in., 25c; 5 in., 35c—while they last.  
**Cinerarias**.

**BULB STOCK.** All kinds.

Don't forget our Ferns. A special in Whit  
 mant and Boston's, all sizes.

Write for our list of Loft Wooded Stock.

**GEO. A. KUHL,**

Wholesale Grower, Pekin, Ill.

## Geraniums

S. A. Nutt .....

Ricard and Poitevine .. \$11.50 per 1000

Delivery the last of March.

## Coleus

Golden Bedder and Ver-  
 schaffeltii .. \$ 5.00 per 1000  
**Standards**, in assortment 5.00 per 1000  
**Giant Leaved**, 10.00 per 1000  
 Big lot ready all the time

## Carnations

Late delivery at special prices. Send  
 me a list of your wants for figures.

## Lime

The best ever made for florists' use.  
 Cheaper than the cheapest. Hydrated,  
 pulverized and bagged, at 14.00 per  
 half ton. Cash before shipment.

**ALBERT M. HERR**

LANCASTER, PA.

## Phoenix Nursery Company

**Nurserymen and Florists**

BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalog for fall issued Sept. 1st.

# To Seedsmen and Florists



## Tuberoose Bulbs

I size, 4-6  
 Mammoth 6-8



## Gladioli

Mrs. Francis King  
 America  
 Princeps  
 Augusta



## Caladiums

All sizes



## Lilies

All kinds  
 All sizes



## Cannas

Grown by us, True



## Quotation and Samples

Will pay you. Write now

CHICAGO

**Vaughan's Seed Store,** NEW YORK

Mention the American Florist when writing

# California Privet

|                               | Per 1000 |                                           | Per 1000 |
|-------------------------------|----------|-------------------------------------------|----------|
| 6 to 12 inches, 1 year .....  | \$ 4.00  | 18 to 24 inches, 2 years .....            | \$10.00  |
| 12 to 18 inches, 1 year ..... | 6.00     | 2 to 3 feet, 2 years .....                | 10.00    |
| 18 to 24 inches, 1 year ..... | 8.00     | 3 to 4 feet, 2 years .....                | 20.00    |
| 2 to 3 feet, 1 year .....     | 10.00    | 4 to 5 feet, 2 years .....                | 30.00    |
| 3 to 4 feet, 1 year .....     | 15.00    | California Privet Cuttings, 80c per 1000. |          |

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# Roses for 1911

## Dark Pink Killarney.

A sport of Killarney, similar in habit, but more highly colored than Killarney at its best. When Killarney is pale, Dark Pink Killarney is bright and cheerful.

Grafted plants only, from 2½-inch pots.  
\$20.00 per 100; \$180.00 per 1000.

## Lady Cromwell.

A shell pink sport of My Maryland that for pleasing color is unsurpassed. A wonderful producer and a color that sells.

Grafted plants only, from 2½-inch pots.  
\$30.00 per 100; \$250.00 per 1000.

## Radiance.

Strong in growth and making plenty of stem. Cerise pink in color.

Grafted plants, \$18.00 per 100; \$150.00 per 1000  
Own root, 10.00 per 100; 90.00 per 1000

## Double Pink Killarney.

Originating with Robert Scott & Sons, who supply the wood for grafting. Stronger in growth than Killarney and with at least ten more petals. A wonderful improvement.

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\$30.00 per 100; 250.00 per 1000.

## Mrs. Aaron Ward.

By far the most pleasing of the yellow roses now on the market. A general favorite, and classed as will be widely grown, for yellow roses are in demand.

Grafted plants, \$25.00 per 100; \$200.00 per 1000  
Own root, 12.00 per 100; 100.00 per 1000

## Melody.

We have reserved for our orders own root plants of this choice novelty. No grafted plants.  
From 2½-inch pots.

\$30.00 per 100; \$250.00 per 1000.

## Prince de Bulgarie

The best prices for cut flowers should be the standard for judging roses, and this rose has been the money getter. Strong and vigorous in growth, and with its beautiful shell pink bloom it has sold on sight. One of the best roses grown.

Grafted plants, \$30.00 per 100; \$180.00 per 1000  
Own root, 15.00 per 100; 120.00 per 1000

## Killarney, White Killarney, Richmond, My Maryland, Kaiserin Augusta Victoria.

These are the old standards, and we are headquarters for young stock.

Grafted plants \$15.00 per 100; \$120.00 per 1000  
Own root, 2½-in. 6.00 per 100; 50.00 per 1000

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**Cromwell, Conn.**

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Vinca Var., 2-in. pots, 2.50  
Asp. Plumosus and Sprengeri, 2-in. pots, 2.00  
Asp. Plumosus Seed, 2½ in. pots, 60

—Cash—

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Therefore we sell—just look!—a fine selection of Decorative Plants, such as Araucarias, Ferns, etc., at bargain prices. Such stock is always in demand.

## Araucarias

OUR SPECIALTY.

We are the largest importers of these lovely decorative plants, the *Araucaria Excelsa*, *Robusta Compacta* and *Glaucia*. 6,000 of the choicest last spring importation now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the *Araucarias* in the future.

*Araucaria Excelsa*, raised from top cuttings, no seedlings. Plants, 5½-6-7 in. pots, 15-18-20-25-30 in. high, 3-4-5-6 tiers, 2-3-4-5 years old, 50c, 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant, 6-in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, for only 60c to \$1.00; a jumbo, 6-in. pot, 5-year old, 25 in. and over, as wide as a bushel basket, 5-6 tiers for only \$1.00; and what do you think a holy tree, 30 in. and over, 5-6 tiers, worth \$200, for only \$1.25 to \$1.50.

*Robusta Compacta*, *Excelsa Glaucia*, 6 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest *Araucaria Robusta Compacta* and *Excelsa Glaucia*, a house full, for only \$1.25 to \$1.50, worth double.

*Adiantum Hybridum*, 6 in. pan, 25c to 30c.

*Asparagus Sprengeri*, 2½-in. 3c; 4-in., 10c.

*Spiraea Cladstone*, started, in 5½ to 6-in. pots, at 15c, 20c to 25c.

*Dracena Bruni*, 25 to 30 in. high, 6-in. pots, 40c to 50c. Highly recommended for store and house decoration; stands heat, cold and dust.

*Latania Borbonica* (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

*Lilium Multiflorum*, our own importation from Japan, raised from 9-10 in. bulbs, started in 6-in. pots last October; have kept cold; now about 5 to 8 in. high, just right for Easter, 25c to 30c each, by the dozen or hundred.

*Ipomoea Noctiflorum*, our so well-known pure white, waxy Moonvine, bearing flowers very fragrant and as big as a saucer, 2½-in. pots, will make good stock for you to propagate from, \$5.00 per 100.



*Jerusalem Cherries*, big plants, with ripe, red berries, 6 in. pots. Look! only 25c, 35c to 50c each.

*Azalea Indica*, Easter forcing; *Vervaeana*, Professor Wolters, Empress of India, Schryveriana, double variegated 60c, 75c, \$1.00 to \$1.50; *Mme. Van der Cruysen*, Simon Mardner, pink; *Niobe*, white, Apollo, red, 60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we have *Niobe*, *Helena Thielman*, *Bernard Andreas Alba*, white, *Mme. Van der Cruysen*, and others, \$1.50, \$2.00 to \$2.50.

*Azalea Indica*, with buds advanced, showing colors, *Deutsche Perle*, *Vervaeana* and *Simon Mardner*, 60c, 75c, \$1.00 to \$1.25.

*Primula Chinenis*, mostly white, 5½-in., \$2.50 per doz.

*Kentia Forsteriana*, in fine shape, 6 in. pots, 30-35-40-45 in. high, 4-5-6 years old, 75c, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

*Kentia Belmoreana*, 30-35-40 in. high, 5-5½-6-7 in. pots, 5-6 years old, \$1.00, \$1.25, \$1.50 to \$2.00 each.

*Kentia Belmoreana*, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine *Boston*, *Scottii*, *Whitmani* and *Scholzii*, 5½ and 6-in., 35c, 40 and 50c; 7-in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches.

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*Peris Wilsonii*, 3 large bushy plants in 6 in. pan, 30c to 35c per pan.

*Ferns for Dishes*, big assortment, 2½-in. pots, at \$4.00 per 100.

*Cineraria Grandiflora Hybrida*, Aschmann's so well-known superior strain, which brought as high as one dollar a plant wholesale last Easter. Now is the best time if you want good plants for Easter. We have a very large stock of 4-in., at \$10.00 per 100; 6-in., at 25c, 35c to 50c, just right for Easter blooming.

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**Dracena Ind.**, 3-in., \$5.00; 4-in., \$10.00; 5 in., \$25.00 per 100.  
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## Gold Letters

Gilded Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A. NEW YORK. Telephone Lenox 5644.



## DRAPER'S Recording Thermometer

Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed. Size 14x20 in., price \$30.00. Size 9x14 in., price - 20.00. THE DRAPER MFG. CO. 152 Front St., New York

## THE STANDARD



## VENTILATING MACHINERY

The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, Ohio.

Always mention The American Florist when you order stock.

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using

## Morehead Steam Traps

¶ The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

¶ It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

¶ The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

¶ By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO. Department 'N' Detroit, Mich.

## WHAT THE USERS SAY

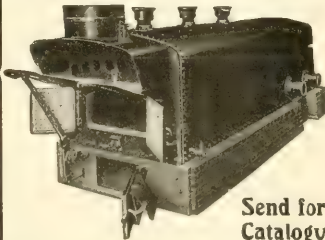
The Kroeschell Does Our Work Easier Than Cast Iron Boilers and Saves 20 to 25 Per Cent Fuel.

The No. 4 boiler is heating 10,000 square feet of glass—it would take care of 13,000 square feet easy. Have no trouble to keep temperature of 50° and 60° in coldest weather. The boiler has given perfect satisfaction. We had two cast iron boilers. These boilers never did the work at their best and when the greenhouses were new. According to our experience with yours, we will save 20 to 25% fuel.

HILD BROS., Lake Forest, Ill.

Send for Catalogue

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.



# Ready Reference Section.

10 CENTS PER LINE, NET.



## AGERATUMS.

Ageratums, 3-in., \$4 per 100; \$35 per 1,000; rooted cuttings, \$5 per 1,000. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Ageratum, 6 var., 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Ageratum Stella Gurney, R. C. 50c, 100; \$4, 1,000. Cash, J. P. Cannata, Mt. Freedom, N. J.

## ALTERNANTHERAS.

Alternantheras, red and yellow, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Alternantheras, 6 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria ovata, 3 tiers, 50c each; \$6 per doz. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Araucarias. McHutchison & Co., 17 Murray St., New York.

## ASPARAGUS.

Asparagus plumosus, extra heavy, out of 3/4-in. pots, \$4.50 per 100. Sprenger, 3/4-in., \$4 per 100. Wagner Park Conservatories, Sidney, O.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., 4-in., \$3.00. Sprenger, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, fine 3-in., \$5 per 100; 2 1/2-in. Sprenger, \$2 per 100. Weber Bros., Ironton, Ohio.

Asparagus plumosus, 2 1/2-in., \$3 per 100; \$27.50 per 1,000; 3-in., \$6 per 100. Asparagus Sprenger, 2 1/2-in., 2c; 3-in., 4c; 4-in., 8c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus seed, per 1,000, \$1; 5,000, \$18.75. A. Henderson & Co., 61 Wabash Ave., Chicago.

Potbound 3-in. Sprenger, can be shifted to 5-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprenger, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus and Sprenger, 2-in., \$2 per 100. Plumous seed, \$2.50 per 1,000; 60c per 100. Jos. H. Cunningham, Delaware, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprenger, extra heavy, 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprenger, 3 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprenger, 3 1/2-in., \$5 per 100. Henry Dant, Decatur, Ill.

Asparagus Sprenger 5-in., 15c. Storrs & Harrison Co., Painesville, O.

Asparagus Sprenger, 2 1/2-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## ACUCBAS.

Acubas var., 12-15 ins., \$4 per doz.; 18-24 ins., \$9. Bobbink & Atkins, Rutherford, N. J.

## AZALEAS.

Azaleas, Cash Smiths, Narden, Holland.

## BAY TREES.

Bay trees. McHutchison & Co., 17 Murray St., New York.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEGONIAS.

Begonia Glory of Cincinnati. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2 1/2-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Reehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Reehrs Co., Rutherford, N. J.

Boxwood. McHutchison Co., 17 Murray St., New York.

## BULBS.

Gladioli, "1000," color, rich red, 2nd size bulbs, 1 1/2 to 1 3/4-in., \$7 per 1,000; 3rd size bulbs, 1 to 1 1/2-in., \$5 per 1,000. Thomas J. Oberlin, Sinking Spring, Pa.

Bulbs, hyacinthus, tulips, daffodils, gladioli, iris, peonies, dahlias, spires, Gt. Van Waveren & Kruff, 491 Bourse Bldg., Philadelphia.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs, Calla Elliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, Japanese lilies, giganteum, multiflorum, etc. McHutchison & Co., 17 Murray St., New York.

Bulbs, lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Bulbs, All kinds, Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

CANNAS, 4-in., King Humbert, \$12 per 100; Chas. Henderson, 4-in., \$10; Austria, Shenandoah, 4-in., \$10; Mt. Pleasant, \$10 per 100. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mlle. Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Cannas, Sec. Chebanne, Cinniba, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

Cannas, Sec. Chebanne, Cinniba, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

## CARNATIONS.

Carnations, strong, healthy, well rooted cuttings, Beacon, \$2.50 per 100. Enchantress and Winsor, \$2 per 100. H. E. Mitting, Atchison, Kans.

Strong, well rooted pure White Enchantress, Lawson-Enchantress and Enchantress, \$20 per 1,000. Geny Bros., Nashville, Tenn.

## ROOTED CARNATION CUTTINGS.

March 15 Delivery. 100 1000  
Washington, cress, a sport from ..... \$10.00 \$ 75.00  
Enchantress .....  
Princess Charming, beautiful flesh ..... 12.00 100.00

Sungam, brilliant pink ..... 6.00 50.00  
Mary Tolman, deep flesh ..... 6.00 50.00  
Scarlet Gladstone ..... 6.00 50.00

J. Whitcomb Riley, yellow ..... 6.00 50.00  
Shasta, white ..... 6.00 50.00  
May Day, flesh pink ..... 3.00 25.00

Enchantress ..... 2.00 25.00  
Albina, corse ..... 2.00 25.00  
White Enchantress ..... 2.00 25.00  
Victory ..... 2.00 25.00

## CHICAGO CARNATION CO., Chicago.

Well rooted carnation cuttings, Beacon, Enchantress, White Enchantress, R. P. Enchantress, \$2 per 100. Wright's Greenhouses, Pittsburgh, Kansas.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 unpaid. C. Humfeld, Clay Center, Kans.

## ROOTED CARNATION CUTTINGS.

|                                   | Per 100 | Per 1,000 |
|-----------------------------------|---------|-----------|
| Washington                        | \$10.00 | \$75.00   |
| Sungam                            | 6.00    | 50.00     |
| Mary Tolman                       | 6.00    | 50.00     |
| Conquest                          | 6.00    | 50.00     |
| White Enchantress, March delivery | 3.00    | 25.00     |
| May Day, March delivery           | 3.00    | 25.00     |
| Beacon, March delivery            | 3.00    | 25.00     |
| White Perfection                  | 2.50    | 20.00     |
| Enchantress                       | 2.50    | 20.00     |
| Winona                            | 2.50    | 20.00     |

Satisfaction guaranteed.

## DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 292 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanaka, \$6 per 100; \$50 per 1,000. Rainbow, \$12 per 100; \$100 per 1,000. Wanaka Greenhouses, Barneveld, N. Y.

Carnation, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C. \$6 per 100; \$50 per 1,000. Joseph Hancock, Wyncote, Pa.

Carnation Bonfire, \$12 per 100; \$100 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations, leading varieties, Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

Carnations, A. M. Herr, Lancaster, Pa.

## CHRYSANTHEMUMS.

Chrysanthemums, novelties for 1911 and standard sorts, Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, the best leading varieties, \$1.50 per 100; \$12 per 1,000 unpaid. C. Humfeld, Clay Center, Kans.

Chrysanthemums, novelties and standard varieties, Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading var. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cineraria, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis paniculata, strong, \$10 per 100. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, G. Bedder, Verschaffeltii, \$6 per 1,000; standard sort, \$5; giant leaved, \$10. A. M. Herr, Lancaster, Pa.

Coleus, Golden Bedder and Verschaffeltii, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, Verschaffeltii, red and yellow Plaster, \$5 per 1,000, rooted cuttings. GEO. WITTBLD CO., Edgebrook, Chicago, Ill.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus rooted cuttings, eight standard varieties for immediate delivery, 75c per 100; \$6 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



## CUTTINGS.

**ROOTED CUTTINGS.**  
 Ageratum, blue ..... \$5.00 per 1,000  
 Coleus Plaster, red, a pretty  
 crinkly or crested leaf variety, 6.00 per 1,000  
 Coleus Plaster, yellow, a pretty  
 crinkly or crested leaf variety, 6.00 per 1,000  
 Alternanthera, red ..... 5.00 per 1,000  
 Alternanthera, yellow ..... 5.00 per 1,000  
 German Ivy ..... 6.00 per 1,000  
 Salvia Splendens ..... 6.00 per 1,000  
 Chrysanthemums, Bouquet ..... 3.00 per 100  
 Chrysanthemums, Buckbee ..... 3.00 per 100  
 Chrysanthemums, Enguehard ..... 3.00 per 100  
**STOCK PLANTS OR CHRYSANTHEMUMS.**  
 Bonafont, yellow ..... \$3.00 per 100  
 Enguehard, pink ..... 3.00 per 100  
**GEO WITTBOLD CO., Chicago, Ill.**

Cuttings, verbenas, 70c per 100; \$6 per 1,000.  
 Coleus, 70c per 100; \$6 per 1,000; Ageratum,  
 60c per 100; \$5 per 1,000. Daisies, \$1 per  
 100; \$8 per 1,000. Heliotrope, \$1 per 100;  
 \$8 per 1,000. Alyssum, 80c per 100; \$8.  
 Brant, Clay Center, Kans.

## CYCLAMENS.

Cyclamen, standard seedlings, Best Giant  
 commercial strain, sound stock plants with 3-5  
 leaves, 8 separate colors or mixed, 2½ c. J. L.  
 Schuller, Toledo, O.

Cyclamen, well grown, de strain, 4-in., \$15  
 per 100; 5-in., \$20 per 100. Skideelsky & Irwin  
 Co., 1215 Betz Bldg., Philadelphia.

## DAHLIAS.

Dahlias, a choice list of best novelties and  
 varieties for cuttings or garden use. True to  
 name. Send for catalogue of dahlias, holly-  
 heds, hardy plants, etc. Prices reasonable.  
 W. W. Wilmore, Box 382, Denver, Colo.  
 Dahlia Mrs. Minna Borge, 31 each, \$9 per  
 doz. Paul H. Eckelmann, San Rafael, Calif.

45,000 field-grown clumps, 2c and up. List  
 ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

## DAISIES.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser  
 Plant Co., Springfield, O.

Daisies, \$2.50 per 1,000. J. C. Schmidt, Bris-  
 tol, Pa.

## DRACENAS.

Dracena Fragrans, 2½-in., \$1.50 per doz.; 3-in.,  
 \$2 per doz.; 4-in., \$3 per doz. 5-in., \$4  
 doz. **THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

Dracena indivisa, 4-in., \$10 per 100; 2-in.,  
 \$2 per 100; \$18 per 1,000. Wettlin Floral Co.,  
 Hornell, N. Y.

Dracena indivisa, extra strong, 2½-in., one-  
 year-old, \$3 per 100; \$25 per 1,000. Cash.  
 Henry Daut, Decatur, Ill.

Dracena Brunsii, 6-in., 40c to 50c. G. Aschmann,  
 1012 W. Ontario St., Philadelphia, Pa.

Dracena indivisa, 4-in., \$10 per 100. Geo.  
 M. Emmans, Newton, N. J.

## FERNS.

**BOSTON FERNS.** 2-in., \$3.50 per 100; \$30  
 per 1,000; 3-in., \$3 per 100; \$30 per 1,000; \$50  
 at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100;  
 \$180 per 1,000; 50c at 1,000 rate. **THE GEO.  
 WITTBOLD CO., Edgebrook, Chicago, Ill.**

Ferns, Boston, Pteris, Scottii, 2½-in., 4c;  
 3-in., 8c. Elegantisima and Whitmanii, 2½-in.,  
 6c; 3-in., 10c. Special prices on large  
 specimen ferns. Mosbach Greenhouse Co., Ona-  
 ga, Ill.

Ferns, For varieties and prices, see advertise-  
 ment elsewhere in this issue. Vaughan's  
 Seed Store, Chicago and New York, N. Y.

Ferns, Heavy plants, Boston, 4-in., \$15 per  
 100. Pteris, Elegantisima, Barrowii, 4-in.,  
 \$14 per 100. Wagner Park Conservatories, Sid-  
 ney, Ill.

Ferns, For varieties and prices see advertise-  
 ment elsewhere in this issue. The Reeser Plant  
 Co., Springfield, O.

Ferns, Schulzei, 2½-in., \$5 per 100; 5-in.,  
 \$6 per doz.; \$40 per 100. Storrs & Harrison,  
 Palmetville, O.

Ferns, Boston. For prices and sizes, see ad-  
 vertisement on front cover page. Vaughan's  
 Seed Store, Chicago and New York, N. Y.

Ferns, Whitmanii, 4-in., 25c each; 5-in., 35c.  
 Boston, 5-in., 25c. Geo. M. Emmans, Newton,  
 N. J.

Ferns, For prices and varieties see advertise-  
 ment elsewhere in this issue. G. Aschmann,  
 1012 W. Ontario St., Philadelphia.

Ferns, For varieties and prices see advertise-  
 ment on last cover page of this issue. F. R.  
 Plerson Co., Tarrytown, N. Y.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30  
 per 1,000. Frank Oechsli, 491 Quincy St.,  
 Chicago.

Neph. Glattisai, 2½-in., \$2 per doz.; \$12 per  
 100; \$100 per 1,000. Geo. Glattisai, 463 Summit  
 Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland, Rd. and E. 45th  
 St., Brooklyn, N. Y.

## FICUS.

Ficus, McHutchison & Co., 17 Murray St.,  
 New York.

## FORGET-ME-NOTS

Forget-me-nots, \$2.50 per 1,000. J. C.  
 Schmidt, Bristol, Pa.

## FUCHSIAS.

Fuchsias, 6 vars., 2-in., \$2; 3-in., \$3 per 100.  
 R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fuchsias, 2½-in., \$4 per 100. Skideelsky &  
 Irwin Co., 1215 Betz Bldg., Philadelphia.

## GERANIUMS.

Geraniums, S. A. Nutt, Perkins, La Favorite,  
 Moe, Sallerol, \$2.50. Mrs. Pollock, \$3 per 100.  
 Strong stock out of 2½-in. pots, all ready for  
 a shift. River Falls Floral Co., River Falls,  
 Wis.

Geranium Mmpe, Sallerol, \$1.25 per 100; \$10  
 per 1,000 (prepared). C. Humfeld, Clay Center,  
 Kans.

**ROOTED CUTTINGS.** A1 stock. Nutt, Grant,  
 Pottevine, Buchner, \$1.50 per 100; \$15 per 1,000.  
 Next delivery March 1st to 10th. The W. T.  
 Buckley Co., Springfield, Ill.

Geraniums, For varieties and prices see ad-  
 vertisement on front cover page. R. Vincent,  
 Jr., & Sons Co., White Marsh, Md.

**RED WING**, the best 1910 novelty, deep car-  
 dinal red. Rooted cuttings, 75c per doz., pre-  
 paid. Chas. Frost, Kenilworth, N. J.

Geraniums, Nutt, Perkins, Grant, La Favorite,  
 R. V., \$1.25; 2-in., \$2; 3-in., \$4 per 100.  
 Viand, Castellane, Pottevine, Jaulin, Ricard,  
 Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5.  
 Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt, \$1.50 per 1,000;  
 Ricard and Pottevine, \$14 per 1,000. A. M.  
 Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 3-in., \$4 per 100;  
 \$35 per 1,000. Ivy Geranium, 3-in., \$4 per  
 100; \$35 per 1,000. **GEO. WITTBOLD CO.,  
 Edgebrook, Chicago, Ill.**

Geraniums, Nutt and G. others, 2½-in., \$3 per  
 100. Jos. H. Cunningham, Delaware, O.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000.  
 Galax, 90c per 1,000. Boxwood, 50-lb. case,  
 \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.;  
 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel  
 trimming, 4c and 6c per yard. J. Jansky, 19  
 Province St., Boston.

Greens of all kinds. For varieties and prices  
 see advertisement elsewhere in this issue. Mich-  
 igan Cut Flower Exchange, 38 Broadway, De-  
 troit, Mich.

Greens, laurel wreathing, sheet moss, galax,  
 leucothoe and ferns. Swan & Cheggin, Roan  
 Mountain, Tenn.

Greens, southern wild smilax, log mosses,  
 natural and perpetuated. E. A. Beaven, Ever-  
 green, Ala.

Greens, evergreen, fancy and dagger ferns,  
 bronze and green galax. Geo. Cotsouss & Co.,  
 50 W. 28th St., New York.

Wild smilax and other decorative greens.  
 Geo. M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M.  
 Robinson & Co., Minter, Ala.

## HARDY PLANTS.

Hardy herbaceous plants. Bobbink & Atkins,  
 Rutherford, N. J.

## HELIOTROPES.

Heliotrope Centefleur, \$10 per 100. E. G. Hill  
 Co., Richmond, Ind.

Heliotrope, 5 vars., \$3 per 100; \$25 per 1,000.  
 Storrs & Harrison Co., Palmetville, O.

Heliotrope, R. C., \$1 per 100. Geo. M. Em-  
 mans, Newton, N. J.

## HYDRANGEAS.

Hydrangeas, Dr. Thomas Hoge, pure white,  
 not-grown in splendid condition for spring  
 blooming. 4-in. pots, branched, 10 per 100; 5-  
 in. pots, \$15; 6-in. pots, \$20; 7-in. pots, \$25  
 per 100. Hydrangeas, Oakes, not-grown, 4-in.  
 branched, \$8; 5-in. pots, \$15; 6-in. pots, \$20;  
 7-in. pots, \$25. Avenue Floral Co., 3442 St.  
 Charles Ave., New Orleans, La.

## IVY.

Ivy, R. C. English, \$1; German, 60c per 100,  
 prepaid. Chas. Frost, Kenilworth, N. J.

## ISMENE.

Ismene Calathina, large size, \$4 per 100;  
 small size, \$2 per 100. **GEO. WITTBOLD  
 CO., Edgebrook, Chicago, Ill.**

## LANTANAS.

Lantanas, 6 vars., 2-in., \$2; 3-in., \$3 per 100.  
 R. Vincent, Jr., & Sons Co., White Marsh, Md.

## LILACS.

LILACS, Marie LeGraye, pot-grown for forc-  
 ing, \$1 each; \$9 per doz.; Chas. X. pot-grown,  
 for forcing, \$1 each; \$9 per doz.

**THE GEO. WITTBOLD CO.,  
 Edgebrook, Chicago, Ill.**

Lilacs, Charles X. 50c each; \$5 per doz. J.  
 Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jakes Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

## To Import.

Lily of the valley. Jakes Smits, Ltd., Naar-  
 den, Holland.

Lily of the valley. For prices see advertise-  
 ment elsewhere in this issue. Jackson & Per-  
 kins Co., Newark, N. Y.

Lily of the valley, Premium dormant, \$2  
 per 1,000. International dormant, \$10. London  
 Market (storage), \$14. Vaughan's Seed Store,  
 Chicago.

Lily of the valley pipes, cases of 1,000, \$5  
 per 1,000; cases of 3,000, \$8 per 1,000. J. M.  
 Thorburn & Co., 33 Barclay St., New York.

Lily of the valley pipes. Hamburg or Berlin  
 type. McHutchison & Co., 17 Murray St., New  
 York.

Lily of the valley. Finest grade of pipe  
 grown by Mr. E. Neubert, Wandsbek, Germany.  
 New York representative, H. Frank Darrow,  
 26 Barclay St., New York City.

Lily of the valley. Otto Mann, Leipzig, Sax-  
 ony, Germany.

## From Storage.

Lily of the valley. Finest Hamburg pipes from  
 cold storage at all seasons. H. Frank Darrow,  
 26 Barclay St., New York City.

Lily of the valley pipes, \$1.50 per 100; \$14  
 per 1,000. H. N. Bruns, 3040 W. Madison St.,  
 Chicago.

## LOBELIAS.

Lobelia Kathleen Mallard and Newport Model,  
 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co.,  
 White Marsh, Md.

Lobelia Kathleen Mallard, 2½-in., \$2 per 100.  
 Henry Daut, Decatur, Ill.

## MANETTI.

Manetti, English, \$12 per 1,000. French, \$10.  
 Jackson & Perkins Co., Newark, N. Y.

## MUSHROOM SPAWN.

Mushroom Spawn, English, 25 lbs., \$2.00; 100  
 lbs., \$6.50; American, 25 bricks, \$3.50; 100  
 bricks, \$12. Vaughan's Seed Store, Chicago and  
 New York.

Mushroom Spawn, Lambert's Pure Culture.  
 American Spaw Co., St. Paul, Minn.

## NURSERY STOCK.

Hammamelis Virginica, 50,000 extra fine trans-  
 planted. Hammamelis Virginica (witchhazel).

|                                             | Per 100. | 1,000.  |
|---------------------------------------------|----------|---------|
| 3 to 5 feet, 3,000, \$100.....              | \$5.00   | \$40.00 |
| 4 to 6 feet, 2,000.....                     | 7.00     | 60.00   |
| 5 to 6 feet, extra heavy.....               | 10.00    | 90.00   |
| 20,000 Spirea Van Houttei, 6 to             |          |         |
| 18 ins.....                                 | 1.50     | 12.00   |
| 15,000 Spirea Van Houttei, 18 to            |          |         |
| 30 ins.....                                 | 3.00     | 25.00   |
| 10,000 Spirea Coronarius (sweet             |          |         |
| scented), 1 to 2 feet.....                  | 3.00     | 25.00   |
| 12,000 Spirea Coronarius (sweet             |          |         |
| scented), 2 to 3 feet.....                  | 4.00     | 35.00   |
| 20,000 Forsythia Viridissima, 1 to          |          |         |
| 2 feet.....                                 | 2.00     | 20.00   |
| 10,000 Forsythia Viridissima, 2 to          |          |         |
| 3 feet.....                                 | 3.00     | 25.00   |
| 12,000 Ceanothus (sweet shrub),             |          |         |
| transp., 2 to 3 feet.....                   | 3.00     | 25.00   |
| 8,000 Ceanothus (sweet shrub),              |          |         |
| transp., 3 to 4 feet.....                   | 6.00     | 40.00   |
| Weigela in assortment, 2 to 3 ft.           |          |         |
| Styrax Japonica, transp., 4 to 5            |          |         |
| feet.....                                   | 12.00    | .....   |
| 200,000 California privet, light            |          |         |
| grade, 6 to 14 ins.....                     | 5.00     | 40.00   |
| 150,000 California privet, 2 to             |          |         |
| 3 feet, branches and up, 1 p. v. t.         |          |         |
| .....                                       | 7.00     | 60.00   |
| 50,000 California privet, 2                 |          |         |
| branches and up, 2 to 3 feet.....           | 10.00    | 90.00   |
| Above is good fresh stock. Offer made to    |          |         |
| close them out. Box free. F. O. B. Send for |          |         |
| trade list. FOREST, NURSERY AND SEED        |          |         |
| Co., McHenryville, Tenn.                    |          |         |

**NURSERY STOCK.**—2,000 Spirea Van Houttei,  
 18 to 24 ins., \$2 per 100; 1,000 Forsythia Vir-  
 idissima, 12 to 18 ins., \$4 per 100; 1,000 Dentzia  
 Pride of Rochester, 18 to 24 ins., \$4 per 100;  
 1,000 Philadelphus C., 12 to 18 ins., \$4 per 100.  
**THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

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Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, cunila, Japan maples, hydrangeas. Jacs Smits, Lt., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (Thuya occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Giant Himalaya berry. For prices see advertisement elsewhere in this issue. Berrydale Experiment Station Gardens, Holland, Mich.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, cattleyas and novelties. Carillo & Baldwin, Secaucus, N. J.

Orchids, largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$8 per doz.; 7-in., \$12 per doz. THE G. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

Pansies (transplanted); these are heavily rooted, strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$5 per 1,000. F. A. Boller, Bloomington, Ill.

Pansies, Trimardeau and Vaughan's Plant Mixture, \$3 per 1,000. Mosbæk Greenhouse Co., Onarga, Ill.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

## PALMS.

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per 100; \$20 per 1,000. G. E. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phoenix Canariensis, 2 to 2½ ft., 60c; 2½ to 3 ft., 70c; 3 to 3½ ft., 95c; 3½ to 4 ft., \$1.25. Koster Nurseries, Santa Barbara, Calif.

Palms, Kentia Bel., 2½-in., \$3 per 100; 3-in., \$15 per 100; 4-in., \$35; 5-in., \$60. Storrs & Harrison Co., Palmsville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. O. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms, Kentias. McHutchison & Co., 17 Murray St., New York.

Palms, Kentias. Joseph Heacock Co., Wynnton, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

## PEONIES.

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.

Peonies. McHutchison & Co., 17 Murray St., New York.

## PETUNIAS.

Double petunias, mixed, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## POINSETTIAS.

Poinsettias, stock plants from 6-in. pots, \$10 per 100; 5-in. pots, \$10; 4-in. pots, \$5 per 100. Expressage paid. They are fine and scarce. No. 1 get left again. Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

## PRIMULAS.

Primula chinensis, 5½-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primulas, Chinese, 2½-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

## PRIVET.

Privet, California. For prices and sizes see advertisement elsewhere in this issue. Oak Lawn Nursery, Huntsville, Ala.

Privet, California, 1 and 2-year plants, Chas. Black, Hightstown, N. J.

## RHODODENDRONS.

Rhododendrons. McHutchison & Co., 17 Murray St., New York.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

## ROSES.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses for forcing. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Rose Queen, \$35 per 100, own roots; \$40 for grafts. Mrs. Aaron Ward, \$12 per 100; \$150 per 1,000; \$25 per 100 for grafts. E. G. Hill Co., Richmond, Ind.

Roses, Lady Hillington, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Del. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Roses, 2½-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.

Roses, hybrid perpetual and Rambiers. Jackson & Perkins Co., Newark, N. Y.

Roses, Newer Fairly, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leotle Floral Co., Springfield, O.

Roses, no leading varieties. Wagner Park Conservatories, Sidney, O.

Roses. McHutchison & Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

## SALVIA.

Salvia, Zurich, rooted cuttings, 1c prepaid; 2-in., 2c. J. L. Schiller, Toledo, O.

Salvia Zurich and Splendens, rooted cuttings, 1c; 2½-in., 2½c. Mosbæk Greenhouse Co., Onarga, Ill.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

## SEEDS.

ASPARAGUS PLUMOSUS MANUS SEED, house-grown; a high grade seed and absolutely true to name.

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5,000 seed.....2.25 20,000 seed.....1.75

On larger quantities write for quotations.

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Seeds, Red Globe onion, \$1 per lb. Radish, Early Scarlet Globe, 30c per lb. Peas, Nott's Excelior, ¼ peck, \$1; peck, \$1.30. Beans, Rootless Black Wax, ½ peck, 60c; peck, \$1. Above seed raised by ourselves from selected stock in Northern Wisconsin. River Falls Floral Co., River Falls, Wis.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, saffron, U. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, stocks. For varieties and prices see advertisement elsewhere in this issue. Fottler, Fiske, Rayson Co., 12 Faneuil Hall Sq., Boston, Mass.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, The Crego Aster, ¼ oz., \$1; ½ oz., \$2; oz., \$4. G. S. Crego, 736 E. Main St., Portland, Ore.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower. Frederick Roemer, Quedlinburg, Germany.

Seeds, flower, J. J. H. Gregory & Son., 115 Elm St., Marblehead, Mass.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds for market gardeners. German Nurseries and Seed House, Box 700, Beatrice, Neb.

Seeds, 500,000 lbs. red clover. J. Bolgiano & Son, Baltimore, Md.

## Contract Growers.

Seeds, field, garden and flower. Rontzahn Seed Co., Arroyo Grande, Calif.

CONTRACT NOW for Southern-grown WATERMELON SEED and GEORGIA COLLARD SEED Grown in Southern soil, producing perfect seed of highest germination tests. We also can supply growing VELVET LEAF CUCAN another season. If interested, write quick. It's our pleasure to answer promptly. MAULDIN BROS., Box 41, Cairo, Ga.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Label & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet pea, aster, cosmos, nigunette, verbena. Waldo Rohmert, Gilroy, Calif.

CORN. Field, flint, and sweet corns, contract grower to the trade. Kates Seed House, Shenandoah, Iowa.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds. Growers for the wholesale trade only. Brasian Seed Growers Co., San Jose, Calif.

Florida grown watermelon seed. Hugh M. Taylor, contract trade grower, Florid, Florida.

Seeds, beans. Henry Fish Seed Co., Carlinville, Calif.

## SHAMROCKS.

Shamrock plants, 3-in., \$5 per 100. John Coombs, Hartford, Conn.

## SMILAX.

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$3 per 100. Henry M. Robinson & Co., The Apple, Ala.

Smilax. Wood Bros., Fishkill, N. Y.

## SPIREAS.

Spiraea. J. Smits, Ltd., Naarden, Holland.

## STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

## TRADESCANTIA.

Tradescantia, rooted cuttings, 80c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

## VERBENAS.

Lemon verbenas, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

## VINCAS.

Vinca variegata, 2½-in., \$2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Vincas, variegated, strong 2-in., \$2 per 100; \$15 per 1,000. C. Humfeldt, Clay Center, Kans.

Vinca variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinca, var., 2-in., \$2.50 per 100. Jos. H. Cunningham, Belmont, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

## VIOLETS.

Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

## WHOLESALE CUT FLOWERS.

### Commission Dealers.

Amling Co., E. C., 19-21 Randolph St., Chicago

Badgley, Riedel & Meyer, Inc., 34 W. 28th St., New York.

Deamud Co., J. B., 51 Wabash Ave., Chicago.

Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 67 W. 28th St., New York.

The Florists' Exchange, 729 13th St., N. W., Washington, D. C.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 51 Wabash Ave., Chicago.

Horton & Hunkel Co., 462 Milwaukee St., Milwaukee.

Hunt, E. H., 76 Wabash Ave., Chicago.

Kasting Co., W. F., Buffalo, N. Y.

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Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennelcott Bros. Co., 48-50 Wabash Ave., Chicago.

Kressler Bros., 138 W. 28th St., New York.

Kruchten, John, 61 Wabash Ave., Chicago.

Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 51 Wabash Ave., Chicago.

Kuehler, Wm. H., 28 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 28th St., New York.

Lery, Joseph J., 56 W. 26th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCollough's Sons Co., 316 Walnut St., Cincinnati.

McKellar, Chas. W., 51 Wabash Ave., Chicago.

Millang, Aug., 41 W. 28th St., New York.

Millang, Chas., 55 W. 26th St., New York.

Moltz, A. & Co., 55 W. 26th St., New York.

Moore, Hentz & Nash., 55 W. 26th St., New York.

Munk Floral Co., Columbus, O.

N. Y. Cut Flower Exchange, Coogan Bldg., New York.

Niessen Co., The Leo, 1209 Arch St., Philadelphia.

Pennock-Meehan Co., S. S., 109 W. 28th St., New York.

Pittsburg Cut Flower Co., 121 7th St., Pittsburg.

Pittsburg Florists' Exchange, 15 Diamond Sq., Pittsburg, Pa.

Randall, A. L. Co., 19-21 Randolph St., Chicago.

Rice Bros., 115 6th St., Minneapolis, Minn.

Robinson & Co. H. M., 15 Province St., Boston.

Sheridan, Walter F., 131 W. 28th St., New York.

Siebrecht & Siebrecht, 136 W. 28th St., New York.

Smith, P. J., 49 W. 28th St., New York.

Tracy & Schenck, 131 W. 28th St., New York.

Vaughan & Sperry, 52 Wabash Ave., Chicago.

Weiland & Risch, 59 Wabash Ave., Chicago.

Welch Bros., 226 Devonshire St., Boston, Mass.

Weiss & Sons, Charles, 128 W. 28th St., New York.

Young & Co., A. L., 54 W. 28th St., New York.

Zech & Mann, 51 Wabash Ave., Chicago.

## BOILERS.

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers. Steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

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Building material. Cypress sash bars, greenhouse material of any description. Write for catalogue. John C. Moninger Co., 902 Blackhawk St., Chicago.

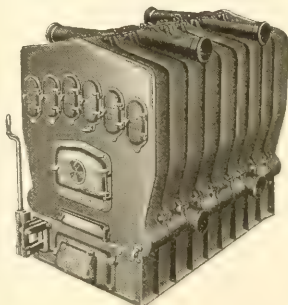
Cypress for greenhouse construction, benches, etc. Baker-Wakefield Cypress Co., Ltd., Plainville, La.

Building material. greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietrich Co., 2942 Sherfield Ave., Chicago.

Building material. cold frames, hotbed sash. Hitchings & Co., 1170 Broadway, N. Y.

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Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue. ALBUERDALE GOLDFISH CO., 920 Randolph St., Chicago, Ill.

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Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box of 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc never-rust glazing points, 2 sizes 5/8 and 3/4, 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburg, Pa.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

## GREENHOUSE CONSTRUCTION.

Greenhouse construction of all kinds and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction, semi-iron greenhouse new truss houses, iron frame houses. Lord and Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

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Gutters. Jennings' Improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

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Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides. Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kild Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Pink, 36.50 per case of 12 paraffined boxes.

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Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

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Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

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Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Lichtenberger, 1564 Ave. A., New York.

Superior carnation staple, 1,000, 50c postpaid. L. L. Waite, 231 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. L. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Peerless glass repair clamp, \$1 per 100. A. Klokner, Wauwatosa, Wis.

Artificial flowers. The Chicago Artificial Flower Co., 4813 North 40th Ave., Chicago.

Poultry food. J. Bolignano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes. C. C. Polworth Co., Milwaukee, Wis.

Florists' Supplies of all kinds. J. Janaky, 19 Province St., Boston.

Glass. Bar Window Glass Co., Eaton, Ind.

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"NUFSED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

The Red Pot. C. C. Polworth Co. All roads connect with Milwaukee.

## STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, \$8c; 600 for \$3; \$5.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

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Never Rust  
**GLAZING POINTS**  
Are positively the best. Last forever. Over 50,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40c per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.  
**RANDOLPH & McCLEMENTS, Successors to**  
Chas. T. Siebert, Baum & Beatty Sts., Pittsburgh.

**Holds Glass**  
**Firmly**  
See the Point &  
**PEERLESS**  
Glazing Points are the best.  
No rights or ints. Box of  
1,000 points 15 cts. postpaid.  
**HENRY A. DREE,**  
714 Chestnut St., Phila., Pa.

**Siebert's Zinc**  
**Glazing Points.**  
Good for small or  
large glass, do not rust,  
easy to drive  $\frac{3}{4}$  and  $\frac{1}{2}$   
inch. Per lb. 40c, 5 lbs.  
\$1.85, 20 lbs. \$7.00  
**VAUGHAN'S**  
**SEED STORE**  
Chicago New York

Des Plaines, Ill.

Blewitt & Prickett, proprietors of the Des Plaines Floral Co., have placed an order with the Foley Manufacturing Co. of Chicago for material for four houses which will be rebuilt this spring. This firm has 30,000 square feet of glass devoted mostly to the growing of carnations, the product of which is consigned to two of the wholesale houses in Chicago. The senior member of the firm in speaking of carnations states that the seedling which they are growing as No. 8, a cross of Enchanteress and Aristocrat, proved to be the best money maker on the place, being a very prolific bloomer with splendid keeping qualities. Another seedling, No. 48-6, a cross of Enchantress and White Perfection, the color of which is a shade lighter than Lawson, also brought good prices. This seedling is also a prolific bloomer, having long stems, and it is said that the calyx never splits. This firm is filling a large number of orders for rooted carnation cuttings of which they have a large supply, and orders for Washington are also being booked.

The Geo. M. Garland Co. recently made a test of a single set of rafters of their iron frame house by suspending 6,000 pounds from the ridge, which is considered the weakest part of the house. The test was successful, considering that the weight was placed in the position that it was, and Mr. Garland says that with the weight evenly distributed on the entire set, it would easily have stood 8,000 pounds. Arrangements are being made to give the entire house a test just as it will stand when erected, when several sections will be given a test at the same time, as it is desired to know what the house will stand with the purlines all in. Mr. Garland considers that the test on a single set of rafters does not conclusively show the strength, and feels sure that when several rafters are erected that they will stand more weight; then the arrangements will be such that a much more complete test may be given. The house will then be tested as well as to its collapsing weight, and an endeavor will be made to obtain the effects which would result from a heavy wind storm.

H. C. Blewitt is still confined to his home with a severe attack of rheumatism from which he has been suffering considerably of late. Mr. Blewitt is indeed fortunate in having two such sons as Arthur and Charley, who so successfully look after the business during his illness.



Part View of the New Chicago Factory Now Under Construction.

SOME of Our Grower Friends Growled a Bit at us Last Year Because Deliveries Were not More Prompt. And We Didn't Blame Them. To be Truthful, the Factory's Capacity Was Strained to Its Very Limit, and Finally we had to Run Night Shifts to Catch up.

That thing won't happen again this year, because we have greatly enlarged our factory and simplified the shipping, so things go straight from the machines to the store room, from which they can be loaded directly on a string of ten or more cars at a time. Car load shipments are the thing these days.

Then there's the new Chicago Factory which will be filling all the Western orders. That means a let up on the Eastern Factory. So, you see, we are now ready to make quick shipments. The materials will be better than ever, because of our new machinery—the prices will be better because it will cost us less to manufacture and ship. But, mind you, we are not blowing about how big we are—all we are trying to do, is acknowledge our faults of last year and tell you why they won't be repeated this.

Send along your orders and see.

## Lord & Burnham Company

### IRVINGTON, N. Y.

NEW YORK  
St. James Building.

BOSTON  
Tremont Building.

PHILADELPHIA  
Heed Building.

CHICAGO  
The Rookery.



The New Shipping Building at Irvington, N. Y.

## To Tell All the Good Points of Our Construction

in this advertisement  
are planning any  
tions, it will pay

is impossible. If you  
rebuilding or addi-  
you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES



CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES



## Hot Bed Sash

Excellent Quality at Bargain Prices.  
Size: 3 ft. by 6 ft., 1½-inch thick.

### Prices—GLAZED HOT BED SASH.

Clear Western Soft Pine.

10-A-G-88—Single lots. Price each.....\$1.67

10-A-G-88—Dozen lots or more, each.... 1.60

Clear Louisiana Red Cypress.

10-A-G-88½—Single lots. Price each... 1.68

10-A-G-88½—Dozen lots or more. Price each..... 1.62

### Prices—OPEN HOT BED SASH.

Clear Western Soft Pine.

10-A-88—Price, single lots, each.....96c

10-A-88-B—Price in lots of 1 dozen or more, each.....90c

Clear Louisiana Red Cypress.

10-A-88-C—Price, single lots, each.....\$1.00

10-A-88-D—Price in lots of 1 dozen or more, each.....95c

All prices for material named are F. O. B. our yards or delivered to any depot or dock in Chicago. Prompt shipment and safe delivery guaranteed.

Send for our new 1000-page Catalog No. 47.

Free upon request

**Chicago House Wrecking Co.**

35th and Iron Sts., CHICAGO.

### GET OUR PRICES ON

Galvanized Wire Rosa Stakes and Tying Wire

## IGOE BROTHERS,

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.

63-71 Metropolitan Ave., BROOKLYN, N. Y.

### BURNED CLAY

#### Tile Benches and Tile Bottoms

Gives results. Three styles of benches including Iron Pipe Frame, with Tile Bottom and Sides. Write for descriptive circular and delivered prices. Any size benches.

#### Tile Sides

**THE CAMP CONDUIT CO.**

Garfield Bldg., Cleveland, O.

## Garden City Sand Co.

Chamber of Commerce Bldg., CHICAGO.

Phone: Main 4827.

### Building and Propagating Sands

Fire Brick and Fire Clay, Portland Cement

Stonckote, Hard Wall Plaster

R. I. W. DAMP RESISTING PAINT

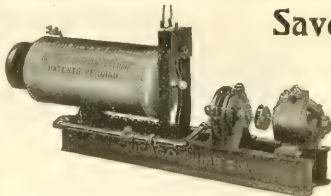
### Yonkers Horticultural Society.

A most enjoyable evening was spent at Park Hill Inn, where the society held its second annual dinner, February 7. About one hundred and thirty members and friends sat down to a splendid repast that did credit to mine host, Arthur Herington very ably filled the post of toastmaster, his fund of anecdote and humor adding in no slight degree to the evening's pleasure. Mayor Lennon spoke of the beauty of Yonkers, due chiefly to the gardener's craft, and presented the charter of incorporation granted the society. Other speakers were: Wm. Duckham, representing the Morris County Horticultural Society; J. E. Johnson, the Yonkers Horticultural Society; J. A. Shaw responded for the press and Messrs. Lee of Dobbs Ferry, Maynard, Sperling, Melliott and Rennison. Songs were rendered by W. McDonald of Yonkers. H. M. BLANCHE, Secy.

SPRINGFIELD, O.—A project of planting a rose garden from three to five acres in extent which has been under consideration of the park board and the Florists' Club, met the approval of the members of the club present at the meeting held February 13.

## Chicago Pump Co.'s System of Intermittent Vacuum Heating

### Saves 20 to 50% Coal



Pulls water and air out of the Heating System. Pulls Hot Steam through the Piping and pumps the water into Boilers at the same time. Easily installed. Requires no attention.

Write for full descriptive Bulletin and our 30 day free trial offer.

CHICAGO PUMP CO., 1061 Fulton St., CHICAGO.

# CYPRESS

Is a wood that has come into very general use in

Greenhouse Construction, Benches, Frames, Interior or Exterior Use.

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

Use our patent  
Iron Bench  
Fittings and  
Roof Supports

THE JENNINGS IMPROVED  
IRON GUTTER.

### IMPROVED VAPORIZING PANS

For Tobacco Extracts, etc. Send for Circulars.

**DILLER, CASKEY & KEEN,**  
S. W. Corner Sixth and Berk Streets, PHILADELPHIA.

VENTILATING  
APPARATUS

For Photographs of

## Horticultural Subjects

For Illustrating Catalogues, Price Lists, Circulars, etc., write

**NATHAN R. GRAVES,** Photographic

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LETTERHEADS  
ENVELOPES  
BILLHEADS, ETC.

FLOWERS PRINTED IN THEIR NATURAL COLORS  
PONTIAC BUILDING, Harrison & Dearborn Sts. CHICAGO



KRICK'S

### Florist Novelties

Manufacturers and Patentee of The Only Genuine Immortelle Letters on the market. Order at once.

CHAS. AUG. KRICK, 1164-66 Greene Avenue, BROOKLYN, N. Y.

Every letter marked.

A well-known nursery house writes of our

## CREDIT LIST

"Had we had these reports years ago, we would have saved several thousand dollars."

Why don't you avoid further losses by joining

The National Florists' Board of Trade, 56 Pine St. NEW YORK

## Wired Toothpicks

10,000, \$1.75; 50,000, \$7.50. Manufactured by

**W. J. COWEE,** Berlin, N. Y.  
Sample free. For sale by dealers.

## BUCHBINDER BROS.,

518-20 Milwaukee Ave., CHICAGO.

### Florists' Ice Boxes

Manufacturers and Dealers of

Store and Office Fixtures.

Tel. Monroe 5616.

Lock the door before the horse is stolen, and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

**JOHN G. ESLER, Secretary**  
SADDLE RIVER, N. J.

## A. HERRMANN,

Cape Flowers, all colors, Cypas  
Leaves, Metal Designs and all  
Florist Supplies.

—Send For Prices—

404-412 East 34th St., NEW YORK.



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combine quality, strength, simplicity, neatness and all the other elements that are required to make a ventilating machine the best on the market.

Our Catalog H, illustrating and describing our apparatus and greenhouse fittings will be sent free to any address upon request.

Compare our prices with others—it will do no harm.

We assure you that your orders or inquiries will receive our prompt and careful attention.

**THE ADVANCE CO.,**  
RICHMOND, IND.



To mend cracked glass immediately and permanently.

There are two classes of growers—one that uses **Peerless Glass Repair Clamps**, the other that is going to use them. **\$1.00 per 100.** Ask your dealer or write to

**A. KLOKNER, WAUWATOSA, WISCONSIN.**

## WILKS' Hot Water Boilers ARE THE MOST ECONOMICAL Boiler for Greenhouses

No Night Fireman Required  
with our

**SELF-FEEDING HOT WATER BOILERS.**

Send for Catalog and Prices.

**S. WILKS MFG. CO.,**  
3503 Shields Ave. CHICAGO.

Mention the American Florist when writing



## EVANS' Improved Challenge Ventilating Apparatus

Write for Illustrated Catalog,  
Quaker City Machine Works,  
Richmond, Ind.

## Steel Return Tubular Boilers

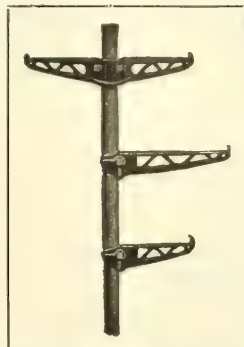
The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St., NEW YORK.  
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Let us quote you on new and duplicate—

**BOILERS, PIPE, FITTINGS, GLASS,  
Greenhouse Lumber, Tools, Sash, Etc.**

**METROPOLITAN MATERIAL CO.,**  
1394-1412 Metropolitan Ave., Brooklyn, N.Y.  
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How is this for **EXTRA BENCH ROOM?**

## KING Iron Frame Greenhouses

They are easy to erect. You can do it yourself. We furnish all the material or as much as you want, giving specifications for the balance, and plain instructions for erecting.

These houses are different from all others and the shipping expense is light, while the houses are

### Strong and Rigid.

For information and estimates write

## King Construction Co.,

HOME OFFICE  
AND FACTORY:  
**N. TONAWANDA,**  
N. Y.

EASTERN SALES  
OFFICE:  
**No. 1 Madison Ave.,**  
NEW YORK.



Treat your  
plants right



Try it for  
tomatoes

## Use Sunlight Sash and be first on the market

Get the benefit of the big prices. Use Sunlight Double Glass Sash—see how much faster your plants grow—how much larger the crops!

The double layer of glass does it.

Between the two layers of glass is a 1/2 inch layer of dry, still air. This forms a transparent blanket that lets in all the light from sun-up to sun-down.

**You never cover Sunlight Sash.** You can throw away all mats and boards. The air cushion between the two layers of glass affords ample protection in all kinds of weather. Glass is held in place without putty. Can't work loose, easily replaced.

Agents wanted. Write for propositions.

Send for these two books

1. Our Free Catalog, containing freight prepaid and guaranteed delivery proposition.

2. Send 4c in stamps for a valuable booklet on hotbed and cold frame gardening by Prof. W. F. Hasey. There is no higher authority in the country.



**SUNLIGHT DOUBLE GLASS SASH CO.**

934 E. Broadway,  
Louisville, Ky.



## Boilers OF HIGH GRADE... For GREENHOUSES

See Our Catalogue.

Steam and **GIBLIN & CO.,** Ulica, N. Y.  
Hot Water.

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## H. BAYERSDORFER & CO.



**Florists' Supplies.**

1129 Arch Street, PHILADELPHIA, PA.

Send for our new catalogue.

## REED & KELLER,

122 W. 25th St., NEW YORK.

**FLORIST'S SUPPLIES.**

We Manufacture all Our

*Metal Designs, Baskets, Wire Work, and Novelties, and are dealers in Glassware, Pottery, Decorative Greens and all Florists' Requisites.*

Mention the American Florist when writing

## Florists' Refrigerators

Write us for catalog and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you wish it for display or only for storage.

**McCray Refrigerator Co.**

269 Lake Street,

KENDALLVILLE, IND.



Indianapolis.

STOCK SCARCE.

Roses are still very scarce, especially Bridesmaid and Brides. Bulb stock is coming in quantity. Sweet peas are still scarce owing to bad weather. There is quite a demand for azaleas, lilacs, primroses and cyclamens. The florists experienced a very busy St. Valentine's day, stock being short of the demand, especially violets. The weather was fine during the middle of the week, the temperature outdoors at 70°, but Friday we were surprised with a snowstorm.

NOTES.

A. Wiegand & Sons are having "trouble of their own." Both their autos were smashed last week. It will cost them about \$150 to put them in order again.

S. Green of Bayersdorfer's and—Dykes of Jenson's were in the city a few days ago and report business very good.

Baur & Smith are cutting fine carnations and plenty of them, which meet with ready sale.

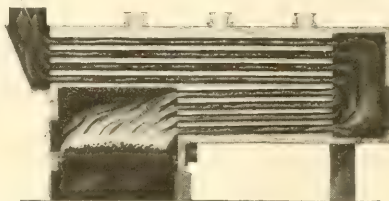
Bertermann Bros. Co. have opened a stand in the city market, with Mrs. Orton in charge.

Homer Wiegand took dinner with friends in Greencastle Sunday.

E. A. Nelson is cutting fine roses considering the weather.

# "SUPERIOR"

To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**

840-850 W. Superior St.,

CHICAGO, ILL.

**Greenhouse Material**

of Louisiana Cypress and  
Greenhouse Hardware and Posts.



**Hot Bed Sash**

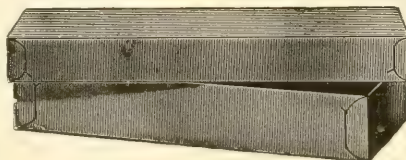
Washington Red Cedar,

Patent V and U Gutters.

Our grade invariably the best, our prices right.  
rite for catalog and estimate when figuring on your new houses.

**A. DIETSCH CO.,** 2642 Sheffield Avenue, CHICAGO.

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**CUT FLOWER  
AND  
Design Boxes**

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
MILWAUKEE.

Mention the American Florist when writing

## New Imported Florists' Baskets

Our line of baskets contains many absolutely new designs that have never been seen in this country. It is all freshly imported stock from Europe, and is the work of true artists. Let us send you a sample trial order. We know we can please you. Call and see us when in Chicago. **SEND FOR FREE CATALOG.**

**The Raedlein Basket Co.,**

713 Milwaukee Ave.,  
near Huron St.,

**Chicago**

## ARTIFICIAL FLOWERS OF PAPER

Beautiful and inexpensive decorations for Churches, Weddings, etc.  
Send 50c for full line of samples, with wholesale prices attached.

— Ask for our catalogue —

**The Chicago Artificial Flower Co.,** North 40th Ave. Chicago, Ill.

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**Sterling Iron Reservoir Vases**

Chairs, Settees, Hitching Posts, Etc.

Complete Catalogue and Discounts Upon Request.

**The Sterling Emery Wheel Mfg. Co.,** OHIO, U. S. A.

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# Tobacco Paper "Nico-Fume" LIQUID

IS THE  
STRONGEST  
BEST PACKED  
EASIEST APPLIED

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|------------------|---------|
| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 3.50    |
| 288 sheets.....  | 6.50    |
| 1728 sheets..... | 35.10   |

Furnishes the  
**Most Nicotine for the Money!**

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

OVER 40% NICOTINE

By far the  
**CHEAPEST**  
JUST NOTE PRICES

|                |         |
|----------------|---------|
| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 47.25   |



THE BEST  
**Bug Killer and  
Bloom Saver**

For PROOF  
Write to  
**P. R. PALETHORPE  
COMPANY,**  
Owensboro, Ky.

Mention the American Florist when writing

*green flies and  
black ones too*

are easy to kill with  
**The Fumigating Kind Tobacco Powder**  
\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
not dare to guarantee?  
**THE H. L. STOUTHOFF CO., MOUNT VERNON, N. Y.**

Mention the American Florist when writing



**SPLIT CARNATIONS**

Quickly, easily and  
cheaply Mended.  
No tools required.

**Pillsbury Carnation Staple**

2000 for \$1.00 postpaid.

**I. L. PILLSBURY  
Galesburg, Ill.**

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**Superior  
Carnation Staple**

(PATENT APPLIED FOR.)

For repairing split carnations. 1000 for 50 cents  
Postpaid. Sample free.

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**The Regan Printing House**  
LARGE RUNS OF  
**CATALOGUES**

OUR SPECIALTY  
WRITE FOR FIGURES.

91 Plymouth Place, CHICAGO



PERFECT PLANT FOODS.  
**THOMSON'S** Vine, Plant and **MANURE**  
Vegetable

Unrivalled for vines, tomatoes, cucumbers, all flowering foliage and  
fruit bearing plants; vegetables, lawns, etc. Has stood the test of 30  
years. The result of many years of practical experience.

Sold by leading American Seedsmen.

Also Thomson's Special Chrysanthemum and Topdressing Manure,  
An Excellent Stimulant.

Freight paid on quantities; liberal terms to retailers. Write  
for our special offer to the American trade. Agents' cir-  
culars, pamphlets, etc. to sole makers.

Also Exporters of **Pure Scotch Soot** Write for prices, etc.  
**Wm. Thomson & Sons, Ltd.,** Tweed Vineyards,  
Clovenstone, Scotland.

**The Mastin Automatic Whitewash and Spraying Machine**  
**Is Reliable, Practical and Durable**



The tank is made of galvanized sheet steel, and in brass.  
The pump is of brass throughout, simple and powerful.  
The mixing device keeps the contents of the tank well stirred up from  
start to finish.

When the machine is filled to within six inches of the top, a few strokes  
of the pump will compress enough air in the tank to produce a continuous  
mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.  
Ask your dealer about our **Extension Hose, Extension Rods,**  
and the **Mastin Whitewash Nozzle** for Bordeaux mixture.

Sold through Seedsmen, Dealers in Florists' and Poultry Supplies.

**J. G. MASTIN & CO., 3124 West Lake St., CHICAGO, ILL.**

**Nikoteen** The most effective  
for spraying plants and blooms. and economical  
material there is  
**Nikoteen** Is skillfully extract-  
ed from leaf to  
bacco and carefully  
refined; it is clean and easy to apply.  
**Nikoteen** does the work when  
vaporized either in  
pans on pipes or  
over a flame. Full Pint Bottles, \$1.50.

**Nikoteen Aphis Punk**

Specially prepared for fumigating closed  
spaces. It vaporizes the Nicotine evenly  
and without waste. Nothing keeps a house  
free from Aphis so cheaply.

Price \$6.50 per case of 12 paraffined boxes.  
All Seedsmen.

**Carman's Antipest**

INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless  
to vegetation.

Kills Green Fly, Aphides, Bark Lice,  
Thrips, Mealy Bug, Red Spider, Scale,  
Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy to  
use, cheap and effective, mixes readily in  
water. Destroys all insect pests and  
keeps down mildew. Circulars on applica-  
tion. \$1.50 per gallon. Also in  
quarts, half gallons and in bulk.

**PERFECTION CHEMICAL CO.,  
FLUSHING, N. Y.**

Approved by the New York State Agricul-  
tural Dept. Certificate No. 223, July 8, 1910  
Guaranteed under insecticide act 1910.  
Serial No. 91 of U. S. Agricultural Dept.

**Cattle Manure in Bags**  
**Shredded or Pulverized**



Pure - dry - uniform and reliable.  
The best of all manures for the  
greenhouse. Florists all over the  
country are using it instead of  
rough manure.

**Pulverized  
Sheep Manure**

Is absolutely the best Sheep Manure on  
the market. Pure manure and nothing  
else. The best fertilizer for carnations and for  
liquid top-dressing. Unequalled for all field use,  
Write for circulars and prices.

**The Pulverized Manure Company**  
32 Union Stock Yards. Chicago

**Plant Bed Cloth**

For Florists, Gardeners, Truck Farmers,  
etc. Protects from frost. Best shade in  
summer. Sold by leading seedsmen.

Waterproof Sheetting, Hay Caps, Etc.

**HENRY DERBY, 123 F. Chambers St., New York**

**Trade Directory**

Of The United States and Canada

Price \$3.00.

American Florist Co., — 324 — Chicago  
Dearborn St.



**CYPRESS**  
IS FAR MORE DURABLE THAN PINE.  
**CYPRESS**  
**SASH BARS**  
UP TO 32 FEET OR LONGER.  
**GREENHOUSE**  
AND OTHER BUILDING MATERIAL,  
MEN FURNISHED TO SUPERINTEND  
ERECTION WHEN DESIRED.  
Send for our Circulars.  
THE A. T. STEARNS LUMBER CO.,  
NEPONSET, BOSTON, MASS.

### Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University. Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.  
250-page Catalog free Write today.

The Home Correspondence School  
Dept. A. F., Springfield, Mass.

### Alban., N. Y.

Many floral pieces of more or less elaborate design were ordered from local florists for the funeral of Michael E. Higgins, chief of the Albany fire department, which took place on February 14 from the Cathedral of the Immaculate Conception. The supply wagon of the fire department had to be ushered into service to contain the pieces. Among the contributions were: a maltese cross of roses from the New York State Association of Fire Chiefs, standing wreath of galax, orchids and lilies from the officers of the Albany fire department, broken column from the International Association of Fire Engineers, cross of carnations and roses from the permanent firemen of Schenectady, and maltese crosses from Chief Byron of Troy and Chief Allen of Cohoes.

Patrick Hyde, treasurer of the Albany Florists' Club, has been appointed by the state department of public buildings, gardener at the residence of Governor Dix on Eagle street. Mr. Hyde succeeds George King, who has held the position for some years. He expects to continue his greenhouses on upper Hudson avenue.

Frederick A. Danker, at the poultry and pet stock show held a short time ago in the state armory, was awarded first prize for a cock, second for best pullet, second for best pen of five birds and third for a cockerel for White Plymouth Rocks. Mr. Danker is very fond of this breed of fowl and has an exceptionally fine strain. The ribbons denoting the winnings are on view in his store.

H. G. Eyres covered himself with glory again by his work for the decorations at the annual banquet of the Republican county organization held on the evening of February 11 in Odd Fellows' hall.

R. D.

SCHENECTADY, N. Y.—A greenhouse on the George Mark place in Colonie, one of the largest in this vicinity, was blown down by the wind.

THIS IS THE TIME TO BUY

# Greenhouse Glass

OUR QUALITY IS THE BEST

and our prices are very low

Send us your enquiries and let us quote you.

**Baur Window Glass Co., EATON, INDIANA**

## Attention!! Glass Buyers!!

### GREENHOUSE GLASS.

You will save money if you obtain our prices before you buy.  
Quality A No. 1. Prompt shipments.

### Hooker's Greenhouse White Paint

The most durable white paint for this purpose  
Half barrels, (25 gallons) per gal., \$1.70. 5 gal. pails, per gal., \$1.75.

## H. M. HOOKER COMPANY,

WHOLESALE GLASS AND PAINTS,

Long Distance Phone  
Monroe 4994.

651-659 Washington Boulevard, CHICAGO.

# GLASS

We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

## W. R. Jones & Company

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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

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No. 1187

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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**SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.**

OFFICERS—Geo. Asmus, Chicago, President;  
RICHARD VINCENT, JR., Baltimore, Md., Vice-  
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F. KASTING, Buffalo, N. Y., Treas. Adjourned  
meeting at Boston, Mass., March 31-April 1,  
Second National Flower Show, Boston, Mass.,  
March 25-April 1, 1911. Chester I. Campbell,  
Manager, 5 Park square, Boston, Mass.  
Annual Convention at Baltimore, Md., August,  
1911.

**AMERICAN PEONY SOCIETY.**

Next annual meeting and exhibition June 1911.  
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## SUGGESTIONS FOR PLANT GROWERS.

### Delphiniums.

Among the showier garden flowers are the improved varieties of the old larkspurs, and not only is it a great favorite in the gardens, but is now to be seen during the summer and fall as a commercial flower. Seed planted in the greenhouse in March or earlier will produce plants that will bloom the following autumn. The seed is slow in germinating and the best varieties are often to be found in the later and the weaker ones that come up in the seed pan. As soon as the leaves form they should be potted, and as early as possible placed outside in cold frames and given constant attention. By early summer they can be planted in the garden and if the place selected is to be a permanent position the ground should be well prepared, deeply cultivated and a liberal quantity of rotted manure added. Choose a place having a deep rich sandy loam in a sunny location. From the two year old plants two good crops of blossoms may be secured in one season by cutting away the flower stalks from the first crop as soon as they have done blooming.

### Dutch Bulbs.

As the spring approaches the forcing of the bulbs will not require either as much heat or as long a period to bring them into bloom as was the case in early winter. From three to four weeks, if the bulbs are in good condition, are ample to bring them into flower at this season. It is better when they are first brought into the houses to keep them partially shaded for a few days, either by placing them under a bench or some similar location, that the stems may acquire proper length. It often happens at this season that the demand will fluctuate and there will at times be more than are needed. In this case they can be easily retarded by moving into a cooler house, and then if wanted, a few days extra heat will bring them along very quickly. By careful watching, much of the waste so often experienced in growing bulbs may, to a great extent, be overcome. In the ma-

jority of cases the bulbs after blooming are thrown away, being regarded as worthless. While this is true to a great extent with tulips, yet the narcissus that are forced in March and later can be made of use for another season. They are not strong enough to force another year, but if taken a little care of and watered occasionally, they can be set out in the ground and given a chance to regain some strength, and will give a number of good flowers in early spring next year.

### Lilies for Easter.

Six weeks to Easter, and the ordinary grower of lilies has reached the date when he can accurately determine the condition of his plants. At this date the plants should be showing their buds, in order to bring them along in a good even temperature and have them in fine condition by April 16. While there is no doubt that these plants can be bloomed in from four to five weeks from the date at which the buds are to be seen, yet it requires a great deal of forcing, and this is done at the expense of the flower, which will not begin to have the body that is possessed by the blooms that are grown cooler. As soon as the buds are standing out from the foliage, the plants should be gone over and spaced out and sized, having the shorter ones all together on the front or south side of the bench, and the taller ones behind and staking and tying should be commenced. Do not wait too long on this necessary part of the work, for the plant with a good straight stem is the one desired, and after the buds are formed they are apt to become crooked unless staked and tied. It is next to impossible to bring along a crop of lilies evenly, and some are sure to be more advanced than others, and will have to be moved into a cooler temperature, but do not attempt this until the first bud begins to turn white, when they can be checked. If checked before this, they are very apt to stop entirely, and it is very difficult to get them to make another start. If the plants can have a week in a night temperature of 45° or 50° before Easter they will be



greatly benefited, and the flowers be of much heavier texture. Keep the fumigation going regularly, for the aphids multiply rapidly and soon spoil a crop of lilies. Remove the pollen from the flowers as early as possible without injury to the blossom, so as to have the blooms white and untarnished.

#### Antirrhinums.

The antirrhinums should now be sending forth splendid long spikes of bloom, and as they are growing very rapidly will need considerable attention. Keep the shoots tied up straight all the time, for if they bend away it will take but a few hours' sun to turn the bloom or stalk at an angle, and a crooked stem is the result, and the appearance and value is ruined. If the plants are in pots or benches, they will need frequent waterings of liquid manure to keep up the size and quality. Great care should be taken in working with these flowers as well as in the cutting and shipping, for the flower shoots are very brittle, and it takes but a very gentle rap to break them off, so they must be handled with great care. In cutting, it is advisable to bunch them a dozen in a bunch and tie them together, not only at the base but in the center and close up to the flowers, not tightly but compact enough to keep them straight in the jar, for the stems will grow crooked after they are cut and are standing in water just the same as they will on the plants. If there are, by chance, some extra fine blooms, it is best to take cuttings of them for next year's growing, and secure a select strain of extra quality. After the blooms are cut keep the plants thinned to five or six spikes each, if the quality is to be maintained.

#### Starting Dahlias and Gladiolus.

##### ED. AMERICAN FLORIST:—

I have procured a quantity of dahlia roots and gladiolus bulbs to grow for summer cut flowers. Will you kindly advise me how to start them?

W. S. M.

The dahlias, if desired for summer blooming, would be better started in the greenhouse. The roots can be divided, care being taken that each division has at least one eye, and potted and as soon as all danger of frost is passed, planted in the open ground, which should be well enriched and deeply spaded or tilled. The gladiolus can be planted in the ground as soon as the soil can be worked and by making a succession of plantings the season of blooming can be extended until late in the fall, the flower being produced in about three months from planting. The bulbs should be planted about four inches deep and from two to four inches apart in the row. W.

HUNTINGTON, N. Y.—The cold weather was responsible for the small showing at the seventh annual carnation exhibit of the horticultural society, but the quality of the exhibits was, however, of the very best.

PITTSFIELD, MASS.—Rudolph Mauersberger has leased the Cutting greenhouses and garden connected with Miss Hall's school on the Holmes Road, and will conduct a commercial greenhouse, taking possession March 1.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

#### A Church Decoration.

One of the very prettiest wedding decorations we ever saw was that executed by Alex. McConnell, the Fifth avenue florist, in St. Bartholomew's Church, February 7, for the marriage of Miss Vivian Gould and Lord Decies. It was a truly floral decoration. The color scheme was white and green, very faintly relieved with yellow of the forsythia, and pink of the peach blossom. No other colors were used and there was no ribbon.

The church has a very beautiful interior, with its massive granite col-

moniously, for English ivy and Southern smilax were hand in hand.

From the entrance to the church and running its full length, clear to the chancel, and almost thirty feet above the floor, was hung a heavy garland of *Asparagus plumosus*. At equal distances of about 10 feet along this heavy green line, other garlands of the same material were swung, reaching clear across to the side arches, thus forming a graceful canopy of greenery most beautiful, the center of which was directly over the center aisle. Down this center aisle on both sides and at distances about eight feet apart, were huge clusters of lilies, arranged in the so-called "Torches" standing six or seven feet from the floor, making a typical avenue of lilies. On each of the granite pillars



VASE OF MRS. C. W. WARD CARNATIONS.

Arranged by Marche & Co., Washington, D. C.

umns and wide sweeping arches, but when the last finishing touches to its adornment had been given it was one grand picture. Some little sentiment was worked into the decorative plan also; the uniting of American and English families at the altar rail had their counterpart amid the decorations, where the vines native of both countries were blended together har-

moniously, for English ivy and Southern smilax were hand in hand. Along the side aisles torches of lilies also were placed at the ends of the pews and between the windows along the side walls pockets were hung in

which plants of marguerites in full bloom were suspended.

In the chancel, each side held an immense mound of blossoms, lilies, callas, white lilac, daisies and a few sprays here and there of peach wood in bloom. Behind the altar rail were mounds of similar white blossoms, with a pair of palms of specimen size, for background. The choir stalls were hid behind palms and forsythias and the organ was similarly enshrouded behind a veil of flowers and foliage.

At the home of the bride's parents, Sixty-Seventh street and Fifth avenue, Mr. McConnell also assembled handsome decorations for the reception and dinner that took place after the wedding ceremony at the church. A dais six inches high was constructed and on which Lord and Lady Decies received. Towering over them were the graceful fronds of Australian tree ferns, *Dicksonia Antarctica*, with hundreds of white orchids, *Coelogyne cristata*, hanging from the branches and clinging to the massive stems of the giant ferns. In the rear of this tropical arbor was a background of flowering plants, prunus, apple, cherry and lilac being chiefly used, and throughout the reception room large vases of white lilac were a conspicuous feature.

In the hall-room the musicians' stand was draped with asparagus with cattleyas freely intermingled; palms and white flowering plants were also distributed profusely throughout the room. The Regency, an immense room, was done in white lilac and lily of the valley exclusively. Fronds of *Adiantum Farleyense* being the only green used, the effect of such a culmination can easily be imagined. In the salon an arbor of wild smilax, palms and forsythia was formed; directly underneath the musicians' stand were vases of American Beauty roses.

In the dining room the bride's table was 24 feet long. At each end was a standard, about six feet high, covered with spring blossoms. The center of the table was occupied by the immense wedding cake, said to have cost \$1,000. The rest of the tables in the dining room were round and they were all plentifully adorned with white lilac and other spring blossoms. Mr. and Mrs. Gould's rooms, also the rooms of the children, were lavishly ornamented with Mme. Abel Chatenay roses, lilac, lily of the valley and lilies. Around the portrait of Jay Gould, which hangs in the salon, was a crescent of American Beauty roses at the base of which was tied a bow of wide red ribbon.

#### The Sleeve Bouquet.

According to a fashion writer, a very pretty floral idea has come into vogue in London and Paris. The up-to-date girl is wearing a bouquet on her sleeve. Combined with pretty ribbon favors of harmonious colors these sleeve bouquets are very effective, and permit the wearer to show her allegiance in whatever direction it may happen to lie. If she is a college girl, she wears the colors of her college, if a suffragette, the insignia of that movement. The sleeve bouquet may be worn on either arm, and being worn near the shoulder does not interfere with the free movement of the arm.

#### Tall Vases for Decorations.

The adaptability of flowers in tall vases is strikingly shown in the illustrations which we publish of two such features arranged in Washington, D. C. The vase of American Beauty roses was one of nine, each being seven

feet high that are of good height is necessary to preserve the proper balance. In many cases the principal part of the decoration is placed in one part of the room and lower decorations such as mantels are in another part, palms and decorative plants being banked between.



AMERICAN BEAUTY ROSES ARRANGED BY J. H. SMALL & SONS, WASHINGTON, D. C.

Nine of These Seven Feet High Were Arranged for a Dinner Decoration.

feet high, that were arranged by J. H. Small & Sons for a dinner decoration at the residence of Mrs. J. R. McLean, the other is an arrangement of Mrs. C. W. Ward carnations with Asparagus Sprengeri by W. Marche & Co.

These tall vases in which to arrange long-stemmed flowers are very effective, either solitary or in conjunction with heavier decorations. It is often found desirable in making decorations, especially in halls or churches or in high studded rooms, that an arrangement of

The flowers are carried to the ceiling in the main feature, and it becomes necessary, in order to bring about the proper decorative effect, to have an arrangement of flowers at good height amidst the foliage. Table or stands with vases of flowers placed upon them are often used for this purpose, but tables are many times in the way and inappropriate in many locations, and stands are difficult to conceal and make decorative. Tall vases of flowers of extra quality, artistically arranged, are very effective



in such locations. The designer who is in possession of these will find numerous places where they can be employed to great advantage. The flowers used must, of necessity, be long-stemmed and of fine quality and well arranged, chrysanthemums, American Beauty and other long-stemmed roses, lilies and callas, in fact, any of the large prominent flowers, are especially adapted to this work as well as vases of carnations intermingled with which are sprays of *Asparagus Sprengeri* with longer sprays hanging down over the neck of the vase.

#### Preservation of Cut Flowers.

The Revue Horticole gives the results of some thousands of experiments on something like a hundred species of flowers. Lilies, lilac and pelargoniums do better in water than in sugar solutions, but are improved by addition of five per cent of common salt, viz., one pound in two gallons of water. Sweet peas do best in pure water only. Chrysanthemum maximum, tulips and other bulbous flowers do as well in water as in sugar solutions. Carnations live longest in a 10 to 15 per cent (one to 1½ lbs. per gallon) of sugar. Roses, of which 45 varieties were tested, responded to 7½ to 10 per cent sugar solutions (¾ to one lb. per gallon.) Chrysanthemums like 15 per cent (1½ lbs. to gallon), 35 varieties were tested. Orchids, 10 to 20 per cent sugar (one to two lbs. per gallon.)

In most of the above cases, not only is the life of the flower lengthened (in some cases tripled) but roses, carnations, peonies, etc., can be induced to open their buds; the colors are in some cases deepened and improved.

In the experiments using varying strengths of salts, such as nitrates and chlorides of soda and potash plus sulphate of the latter salt, it was found that the results were no better in most cases and much worse in the others.

Phosphate of potash, on the other hand, will considerably lengthen the life of orchids, in some cases twice as long, one ounce to six gallons being the quantity used; but the results were no better than the sugar solution.

The actual increase in the life of the flower depends largely on its age and condition, but enough has been said to make it worth while to experiment in these matters when flowers are scarce and valuable.—E. C., in the Horticultural Advertiser.

#### Fumigating With Hydrocyanic Acid Gas. ED. AMERICAN FLORIST:

I have a span roof greenhouse, 18x75 feet, 11 feet to ridge, which I wish to fumigate with hydrocyanic acid gas. Will you inform me the right quantity to use and the best manner in which to perform the fumigation? What is the best thing to use with iron filings to make rust joints? ENQUIRER.

You have neglected to state the height of the side walls, so it is impossible to figure the cubic feet of the house. In THE AMERICAN FLORIST, issue of October 15, 1910, page 572, are given full directions to compute the contents of a greenhouse and the use of cyanide of potassium.

Sal ammoniac is what is most generally used with iron filings to make rust joints. W.

## ORCHID NOTES.

#### The Value of Orchids and the Tariff.

"Every trade has its tricks but mine; I am going to prove it." There is a duty on orchids, not for protection but for revenue. It is well to start by affirming that commercial orchids do not grow in the United States, and that the duty is for revenue only. The tariff is dry and sweet, it says: Par. 263—Orchids—25%. This means 25% ad valorem; here is the difficulty: "It is the duty of the appraiser by all reasonable ways and means in his power to ascertain, estimate and appraise the actual market value, and wholesale price of the merchandise at the time of exportation to the United States in the principal markets of the country whence the same has been imported." It is natural that the market value assigned to the plants under no circumstances shall be less than the cost price. For many years a standard price has been charged for cattleyas, and a standard case is considered to contain forty plants. Cases of cattleyas are generally of 32x20x20 inches in size. Duty is paid on the accepted value. This appears simple enough, but frequently the appraiser finds that all plants are not invoiced at the same price. That two importations of Cattleya labiata, for instance, are valued differently, although they come from the same port and on the same ship, and that perhaps the plants valued at the least price are the best. How can this be

paid on this price, and in selling the plants in the United States, the dealer has to charge for the duty paid and for the risk he has had in handling such perishable goods. When he goes to sell his plants he finds that he is undersold by the representatives of the English firms, and his customers ask him why it is that he cannot sell as cheap as his English competitor. Let us do some figuring. Suppose we buy a certain plant and pay four shillings for it. We have to pay twenty-five cents duty on every plant, dead or alive. The same firm has a representative in the United States and makes invoicing them at what they claim is a shipment to him, of the same plants, the cost price to them, say twenty cents. That firm pays a duty of five cents, and so has an advantage of twenty cents over the American competitors. Twenty dollars in a hundred plants or two hundred in a thousand gives the English firm room to undersell and put out of business any American competitors. This also seems unfair, but when the custom house officials are approached on the subject, they answer, "There is no remedy for it, that is the law." The only protection the American firms have is to put up the goods and make a very small profit.

Let us go back to the imported cattleyas. The ways to get the plants are different, and from this, the difference in prices arises. Some firms have their own collectors. Some collectors are themselves dealers, and some firms buy from dealers or col-



RICHMOND ROSES AT J. A. BUDLONG'S, CHICAGO.

possible? Either one of the importers is a fool and puts a high value on his plants for the sake of paying duty, or the other is beating Uncle Sam. Apparently it seems just to raise the value of the plants invoiced at the lower figure, much more so if the plants are better.

This difficulty shows itself to a much more marked extent when the importations of orchids are made from England. The American firms have to buy in the market and pay the profit of the English merchant, which is generally large; then the duty has to be

lectors. The collectors do not all deal in the same way. Some of them bring the plants to New York and sell them around, while others take orders and sell their plants f. o. b. at the port of shipment. This is as far as the business in the United States is concerned. The next difficulty comes from the way in which the collector acquires his plants. Some collectors gather all their plants; others collect some themselves and buy from collectors that have gone broke, or from native dealers. In this way prices are all different, and it is rarely that the same price is paid for the same plant by



A WELL FLOWERED SPECIMEN OF CATTLEYA MOSSIAE.

two of them. But by far the greatest variation of the price of the plants comes from the quality of the goods bought, and the ability of the collector. Two collectors may be working close by each other, and one of them is paying half the price the other is paying for the same plants, and the assertion, that at times the fellow who pays the lower price gets the best plants, sounds like a yarn. In the first place, if two collectors work in the same district, and one of them gets the cheap plants, the man who pays more gets the pick. In the second place, a collector may be buying rubbish at a high price, while the other fellow discovers a new district and picks and chooses, for half or one-third of what the other is paying. So, in orchids, it is not the price paid at the markets that makes quality, but the ability of the collectors. How can it then be possible to fix a market price for orchids? The firm that employs its own collectors risks its money, as there are many enemies of orchids. The firms that buy from dealers risk nothing. They pay if the plants reach them in good condition, and therefore, have to pay a much higher price for them. This explains why plants of the same variety, on the same steamer, are invoiced at different values. One firm collects them, the other buys them, naturally, they pay different prices.

Now there is another question. If the firms that buy their plants from dealers invoice them at the standard value, apparently they are beating Uncle Sam, but if they would invoice the plants at the price they pay f. o. b.

at the port of shipment, they would be undersold by the firms that have their own collectors, or by the collectors themselves. Again, the collectors sell their plants at a much higher price than what they are invoiced at. If he sells f. o. b. Colombian, Brazilian, or Venezuelan ports, the invoice is made at the standard value and duty is paid on it. Should it be done otherwise, all the firms would be forced to have their own collectors, and all the collectors would have to establish a place of business in New York, a thing that would put some people out of the business at once. So, it is self evident that the standard price is the only solution out of the difficulty. Of course, all the plants do not cost the same price; besides, some of them come from inaccessible districts, and it is necessary to transport them for long distances on the backs of men or mules; others grow near big navigable rivers, and transportation is far easier. But, again, the same trouble arises; some people pay less than others for transportation, and the very same plant is collected at different places, which makes this item vary in an appreciable way. No doubt a man of great experience can give an approximate value of transportation, and price of every commercial orchid, but this is not an easy job and some injustice might be done. Very few experts are living who would distinguish the cattleyas when imported, and pick them out and give their proper name. Some of them resemble another like one drop of water resembles another drop of water, al-

though they are of different varieties. So, a cattleya is a cattleya, and for Uncle Sam an aurea is the same thing as a trianae. After all this writing we are at the starting point—What is the market value of orchids? Answer: "Who invented the boats?"

COLLECTOR.

#### Cattleys Mossiae.

The accompanying illustration shows a fine specimen of *Cattleya Mossiae*, certainly one of the best in existence for cutting from. *C. Mossiae* is more easily grown to specimen size than most other species owing to its neat habit and ease of culture. Specimens may, of course, be made up by massing together a number of plants, but there is always the risk of the varieties not being alike. Indeed, one might almost say they are certain to be different for, like French beans, there are hardly two exactly alike in all particulars. There are probably more named varieties of *C. Mossiae* than of any other cattleya and it is very rare indeed to find a *Mossiae* that is not well worth keeping.

When kept in a good light it is not at all unusual for *C. Mossiae* to flower twice a year and it seems to have no ill effect upon the plants—on the contrary, if well looked after, they go on and increase in size of bulbs and plants almost indefinitely. The writer has had charge of plants that were known to have been in cultivation over 30 years and were still healthy and thriving, so it is easy to see that some at least of the stories about cattleyas



deteriorating are not true. But if one wishes to grow this species to specimen size they must keep it always healthy. A newly imported plant may be shrivelled badly and be apparently of little or no value but it has all the innate vigor of the wildling and only needs the stimulating influence of heat and moisture to plump up the growth and restore it to complete health.

It is quite different with plants that have got into a bad way under cultivation. They cannot "come back" and a cattleya that has been kept around an orchid house for eight or ten years and become badly rooted and has its bulbs shrivelled may just as well be thrown away. This shows the importance of always looking after the plants and never letting them get out of track. If this is done with a healthy, clean growing variety of Mossie we believe there is no reason why it cannot be grown for 20 or 30 years or for an indefinite period and continue to increase in bulk and therefore value annually. There are, it is true, weak growing varieties and varieties that it seems impossible to keep in health for any length of time, but these are the exception. Unfortunately, it often happens that the best color varieties and also the albino forms are the weakest in growth and the most difficult to keep in health. With regard to the cultural details these are practically the same as for all the labiata group, but it is well to give C. Mossie the warmest end of the house, in autumn at least, as it is usually late in making its growth and requires warmth and light to properly consolidate it before the winter's rest.

#### Horticulture at National Institutions.

The landscape and horticultural features at the U. S. Government Hospital for the Insane at Congress Heights, Washington, are worthy of extended mention. It may be said in passing that there are about three thousand inmates of this institution, many being old soldiers and sailors.

The entire grounds comprise an area of about 500 acres, a large part of which is most beautifully situated, from which all the best features of the capital city are seen. The grounds and landscape features are in charge of Alvah Godding, an experienced landscape gardener. James White is the florist in charge of the greenhouses, which comprise about 10,000 square feet of glass.

In the line of trees and shrubs, there are many fine specimens. A feature that attracts visitors at this season is the large number of beautifully berried holly trees on the grounds. There are a number of fine specimens of *Magnolia grandiflora*, 30 feet in height and from 25 to 30 feet in diameter, measured from the spread of the foliage. These trees bloom continuously from June to October, being most prolific in June. There are splendid specimens of *Cedrus deodara*, Norway spruce and *Sequoia gigantea*, the last named being of the family of the great trees of California. The white oaks, maples, beeches, sycamores and many other varieties are noteworthy features of spring and summer. The finest and best trained growth of English ivy that we have ever seen covers the north side of one

of the principal buildings. In the greenhouses many fine cut flowers and plants are grown, a feature at present being the growth of bedding plants. It is gratifying to note that the unfortunate men and women who of necessity have been committed to this institution, are surrounded by so many pleasing features.

A. F. F.

## THE CARNATION.

#### New Carnation Pocahontas.

Among the carnation novelties which are being disseminated this year, the crimson variety, Pocahontas is attracting a great deal of attention wherever shown. This variety was originated and is being disseminated by Baur & Smith, Indianapolis, Ind., who comment upon it in the following manner.

Pocahontas is the result of a cross between two of our own seedlings. The very best of the crimsons and scarlets being represented in its pedigree. The flower is very large, many blooms measuring four inches in diameter under ordinary culture, and the extraordinary keeping qualities of the blooms enables them to develop to their fullest size and still remain salable. The stems are very strong, carrying the blooms erect and always holding them upright. The growth is free and rapid, producing blooms early in the fall, and keeping up a steady succession throughout the season. Its freedom and its size together make it a very profitable variety to grow, and it has proved a good seller over the counter. The color is a lively deep crimson, which holds its glow like old Harry Fenn.

Our experience with this variety has proven to us that when quality is offered in a crimson carnation, the blooms sell much better than is commonly supposed. There is no more striking combination to be had, for a funeral bunch or in a decoration of table or mantel, than a good shade of crimson and flesh pink. This combination invariably attracts attention, and we have known customers, after seeing it, to call for it, while before

they could not be persuaded to buy crimson alone. We feel further, that Pocahontas, on account of its large size and keeping qualities, will stand a better chance of becoming popular than any of its predecessors of this color, which were too small to use in combination with the larger light varieties.

#### Pink Seedling Carnation.

The accompanying illustration is of a pink seedling carnation now seen in the greenhouses of the Bureau of Plant Industry, U. S. Department of Agriculture. This seedling is now in its fourth year and is a cross between the original Enchantress and Lady Bountiful. It is a beautiful bright cerise pink, surpassing, in our estimation, every pink carnation that has yet been brought out. The blooms are very large, averaging  $3\frac{1}{2}$  inches in diameter and stems two feet long can easily be cut without injury to the plants. In appearance the blooms to some extent resemble the camellia, instead of the general run of carnations. The petals are very broad and they completely cover the heart of the flower. In addition to the qualities already enumerated it is an excellent keeper. Until this season it has been grown on side benches, but E. M. Byrnes, superintendent of the greenhouses, is now trying it on a bench in the middle of a house and very satisfactory improvements have resulted. It will be distributed among commercial growers as soon as a sufficient stock is worked up.

A. F. F.

#### Carnation Breeding.

This summary of the late Fred Dörner's views and experiences is reprinted from *The American Florist* of April 13, 1907.

Carnation breeding, as it is carried on among the florists at the present time, is altogether for commercial purposes. Its object is the production of new varieties which are improvements over existing forms. The gradual deterioration of the standard varieties has naturally increased the demand for others to replace them. The greater prevalence of disease among carnations at the present time has



PINK SEEDLING CARNATION, ENCHANTRESS × LADY BOUNTIFUL.

Raised at Bureau of Plant Industry, Department of Agriculture, Washington, D. C.

also caused a demand for disease resistant varieties.

As the carnation is a plant which has been under cultivation for centuries, it is necessary to know something of its primitive characters to understand the significance of its development.

The original carnation, as we are told, was a small single flower of a flesh or pinkish mauve color. The more one studies the carnation of today the more one is inclined to believe that the latter was the more common color, as a mauve or purplish color may be detected in most varieties of today. It bloomed but for a short season each year and was of a very grassy habit.

The first noticeable improvement was probably made through breeding and cultivation, in France, during the sixteenth century. However, it was not until the year 1840 that our present monthly and, later, everblooming variety made its appearance. This was also in France. The most noticeable improvement in this type came 30 or 40 years later, in this country. Today its culture has been taken up by many specialists and it is a stable product with most florists.

Judging from present achievements, the result of this development from its original state is due to accidental and artificial breeding and cultivation. Cultivation gave us the double flower, but it required the aid of breeding to give color, size, and longer and stronger stems. To this it also added a more desirable habit and freedom of bloom. These latter qualities have given us our present everblooming varieties.

A third factor, for the improvement of a race, is selection. By its aid a variety may be raised to a much higher standard. Selection is naturally used in breeding on the ground of the "survival of the fittest."

This now brings us to our present methods of cross-breeding. The first thing to be considered is the elimination of many of the objectionable characters which belong to the primitive form and which cling very tenaciously to the race. In addition to these are other characters incorporated during later stages of development which must also be eliminated. It is these undesirable habits which retard the work and make progress slow.

The tendency to revert is very great. Favorable cultural conditions, in connection with careful selection in breeding, help much to eliminate undesirable characters. A neglect of these two facts will encourage reversion. The natural laws of reproduction are too strong to eliminate, at once, all the objectionable hereditary traits.

This is well illustrated by the results of carnation breeding at our own place. The work was begun in 1889 and the varieties used were those then at my command. They comprised all the principal colors. For two or three years all new varieties obtainable were also added to the stock. After this time the work was confined mainly to the seedling stock, which from year to year developed better qualities.

The tendency to revert is well shown here. In the first lot of seedlings fully 50 per cent were single; 15 per cent had split calyces; 20 per cent were croppers or annual bloomers. This left only 15 per cent of the lot which were considered worthy of a second year's trial and if they had been selected with the same degree of care as at the

present time, there would only have been about 5 per cent.

The number of single flowered varieties has decreased from year to year with a corresponding increase in good doubles and those having split calyces. The past season showed only about 20 per cent of single flowered forms. The croppers and annual bloomers have also diminished at the same rate.

At the same time a great improvement was noted in habit, length and strength of stem, size of flower, greater range and purity in color, better form, and greater freedom of bloom.

best corresponds with our present mode of culture.

The commercial grower hardly exercises the same degree of care, for the prevention of contamination by foreign pollen, as the scientist. By not using sterilized implements it is impossible to exclude all chances of error. Yet where records are kept, the work should be done with the greatest care possible. These records, although they may not be entirely accurate, by their great number are still accurate enough for the drawing of conclusions which may be used for the



CARNATION POCAHONTAS.

To better understand the results obtained, something should be known of the methods employed in breeding. With us the months of December, January and February are considered the best to carry on the work. The carnation, as it is now grown under glass, is then at its best. It will be found that work is a little more difficult, at this season of the year, owing to the fact that there is less pollen produced in these three months than at any other time. However, as this is the time of best development, it should also be the best time for selection and crossing.

There is also another factor which makes this time desirable. The absence of insects makes the protection of the flowers unnecessary. In a commercial establishment where from 700 to 900 flowers are pollinated during the season, this means a great saving of time.

The entire time required from the growing of the seed to the time of benching of the selected plants is less than a year. The seedling plants are allowed to bloom in the field and the first selection is made from there. This

foundation of scientific research. The commercial grower's work must pay and his results are best shown in dollars and cents.

The first step in the mechanical operation of pollination is the preparation of the flowers. These are selected before the pollen is ripe and the anthers are removed. At the same time some of the inner petals are also trimmed out to allow room for the development of the pistils. The remaining petals will always tell, if fertilization has been effected, by closing up around the pistils in from one to four days after pollination.

The pistils are mature within a few days after emasculation and are receptive when the upper or inner surface has a hairy appearance. The pollen is best when fresh and is transferred to the pistil by means of a camel's hair brush. If left too long on sunny days it becomes dry and is difficult to handle. Old pollen should not be used as pollen is short-lived and soon loses its vitality.

As a result of the high state of breeding, certain lines of work are often terminated by the production of va-



rieties which are entirely sterile, producing neither pollen nor seed. Some varieties may develop seed freely but produce no pollen, while others produce an abundance of pollen but develop no seed. In some of the cases where no seed is produced the pods, to all appearance, develop normally but when broken open contain a number of smaller pods, each with its pistils, in the place of seed.

These points must all be taken into consideration by the breeder who often finds that a valuable strain which he is trying to develop may receive a serious check.

The selection of the best and the use of none but the best is the first rule to be observed in the work of breeding carnations. The use of all annual bloomers, croppers and varieties showing any hereditary tendencies toward disease must be avoided. The use of any of these is, in fact, a step backward. In some cases where the variety has some desirable feature which is worth transmitting these may be used, but it is with the risk of introducing again the undesirable characters which one desires to eliminate.

The requirements of a good carnation, such as the breeder is striving for, are many. The true everbloomer, which is the best of our present type, has in contrast to its predecessors, a long-jointed and open instead of a short-jointed and densely grassy growth. In the former not so many shoots are formed at one time, but each as it is formed elongates and develops a bud. In the case of the latter many shoots are formed at the same time with the result that there is a period of many flowers followed by one of few or no flowers.

A variety soon shows its characteristics whether it is a seedling or a plant grown from a cutting. If the young seedling is an everbloomer it commences to bloom when only two or three months old and a cutting from it blooms as soon as it is fairly established. The flower stem and side branches should appear at the same time. In other words the plant should have branches in all stages of development at the same time. This will give a well formed plant, which blooms continuously and has no superfluous foliage. In general the leaves are broader and shorter and the stems longer and stronger than its predecessors. This should be the general appearance, and there is much room for improvement by selection and breeding in the varieties of today.

Among the free bloomers there are strong growers and weaklings. Some have a bluish green foliage while that of others is a soft light green. The latter also have a more succulent stem. Those with the bluish-green foliage are much to be preferred as they generally have the stronger constitution. Both may have equally good flowers.

In breeding, then, only those varieties which are approaching the ideal habit should be used. Following this method each year brings us less and less of the old time croppers and more of the everbloomers.

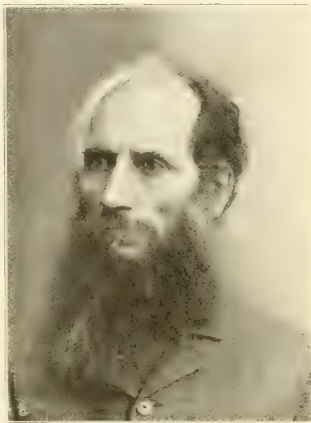
One must work, then, for a well balanced, strong growing plant, continually producing new shoots so that a bench of them will always have approximately the same number of buds and flowers.

In a good flower we look first to purity of color. The bloom must be moderately and not over-filled with pet-

als, must have size, symmetrical form, fragrance and a non-splitting calyx.

In selecting the parents for a crossing we first consider color. We must look to the development of purity and brilliancy by the elimination of undesirable undertones, shadings, and stripes and also to the creation of new and desirable shades.

With the following rules have been employed to secure these results: Pure white is secured by working white on white; yellow by working yellow with yellow or white. Yellow with scarlet will intensify the scarlet or may produce deeper yellow or orange. Scarlet with crimson intensifies crimson and gives the scarlet maroons. All shades of pink may be used together but for the development of clear pink,



The Late John Bauscher, Sr.

For Obituary See Issue of February 11, Page 107.

all those with scarlet or mauve undertones are not to be used. All pinkish lavenders, mauves and purples are kept in a class by themselves and should not be used with other colors as they dull them. Nearly all the variegated forms have either yellow or white for their ground color. When used with a self, the self should correspond either to the ground color or stripe. When two variegateds are used the markings should belong to the same color class.

Next to be considered is the calyx. There are numerous varieties which habitually split the calyx and are worthless. There are also some which under certain circumstances split what appears to be the strongest kind of a calyx, while on the other hand some large flowers are held intact by an apparently weak one. It is not so much the calyx that counts as the rapid pushing of the petals out of it. The growth of the flower should be completed outside when the flower expands.

Form must also be considered. Any recurving of the outer petals is bad, as it makes the flower look small and ragged. Incurving of the petals is also to be avoided as it gives the flower the appearance of sleepiness. The outer petals should expand horizontally well above the calyx. The inner ones may be arranged more or less sym-

metrically, but must not leave an open center. Discard, then, all forms with incurving or reflex petals.

The shipping qualities of the flower should also be considered as the carnation of today must stand much handling. A flower with a fine symmetrical form, broad petals, and smooth edge will seldom ship well. The petals break or slip one in under the other and the flower becomes deformed. On the other hand, one with narrower petals, irregularly arranged and with serrated edges, is the shipper. To hold the two side by side, the former is an aesthetic beauty, but the latter is better in massing and can stand handling without being easily spoiled.

Whatever the result striven for, success seldom follows in the first crossing. It may come in the second or third year if the same line of work followed. The union of two long stemmed varieties is likely to give short stemmed forms, but the progeny of the second or third year may have long stems.

It took sixteen years to develop an equally good growing habit in all colors, with good stem and freedom of bloom. During this time many varieties with fine flowers were discarded as they would have been failures commercially on account of being shy bloomers.

To secure our ideal carnation, then, we must work, first for purity and brilliancy in color; second, strength in calyx to prevent bursting; third, sufficient length of stem and strength to carry the flowers; fourth, a well-rounded form with an evenly divided and fairly smooth petalage; fifth, a strong habit resistant to disease and capable of producing a continuous crop of flowers.

In conclusion one might say that carnation breeding has been, and is yet, to a certain extent, very unstable. With such a mass of hereditary properties and traits, results may be secured which would surprise even a scientific breeder. The intricacy of this work and the manifold results obtained, leads one into a maze of conclusions only to get lost. Yet these conclusions help to lead us on to better results. As the work advances our ideals are raised, thus adding new stimulation to spur us on.

#### Diseased Carnations.

ED. AMERICAN FLORIST:—

Herewith I enclose three leaves of carnations which are affected with some kind of disease. I have tried kerosene emulsion, tobacco dust and solution of tobacco, but they apparently have no effect. Only about one dozen plants are affected and it does not appear to spread. Can you kindly tell me what it is and also if there is any cure? It does not appear to affect the flowering of the plants but detracts from their general healthy appearance.

Utah.

J. O.

An examination of the specimens submitted show that the plants are affected with the common carnation rust, *Uromyces Caryophyllinus*. This is a fungus disease and is best handled by picking off and destroying all the affected leaves. In addition to this, if so desired, the plants may be sprayed with some fungicide. The sprays used by J. O. were insecticides and have no effect upon any of the fungi. With careful picking there is little danger of the disease spreading over much territory.

H. B. DORNER.

## National Flower Show.

The schedule of premiums of the National Flower Show, to be held by the Society of American Florists at Boston, March 25-April 1, is issued and includes the special premiums offered by the several donors. The meetings of the societies co-operating at this exhibition will be held as follows: Society of American Florists, March 31-April 1; American Rose Society, March 27-28; American Carnation Society, March 29-30; Sweet Pea Society of America, March 28 at 3 p. m.; Gladiolus Society of America, March 30; National Association of Gardeners, March 29. In addition to the floral exhibit there will be an immense trade exhibit, all the principal firms of the country having made preparations to show their products. The exhibits of the Rose, Carnation and Sweet Pea Societies will be under the supervision of the following: Eber Holmes, Wakefield, Mass., the rose exhibit; E. A. Pierce, Waltham, Mass., the carnation exhibit, and William Sim, Cliftondale, Mass., the sweet pea exhibit.

The scales of points by which exhibits will be judged are as follows:

| SINGLE SPECIMEN FOLIAGE PLANTS. |    |
|---------------------------------|----|
| Size of plant.....              | 25 |
| Cultural perfection.....        | 35 |
| Distinctiveness.....            | 15 |
| Rarity.....                     | 15 |
| Form.....                       | 10 |

| SINGLE SPECIMEN FLOWERING PLANT. |    |
|----------------------------------|----|
| Size of plant.....               | 20 |
| Cultural perfection.....         | 35 |
| Rarity.....                      | 10 |
| Floriferousness.....             | 15 |
| Color.....                       | 10 |
| Foliage.....                     | 10 |

| COLLECTIONS OR NUMBER OF FLOWERING PLANTS. |    |
|--------------------------------------------|----|
| Size of group or collection.....           | 15 |
| Distinctiveness.....                       | 15 |
| Cultural perfection.....                   | 20 |
| Number of varieties.....                   | 20 |
| Arrangement or staging.....                | 10 |
| Color harmony.....                         | 10 |
| Rarity.....                                | 10 |

| COLLECTIONS OR NUMBER OF FOLIAGE PLANTS. |    |
|------------------------------------------|----|
| Size of group or collection.....         | 15 |
| Rarity.....                              | 15 |
| Cultural perfection.....                 | 30 |
| Number of varieties.....                 | 20 |
| Arrangement or staging.....              | 20 |

| GROUP OF FOLIAGE PLANTS.    |    |
|-----------------------------|----|
| Size.....                   | 10 |
| Distinctiveness.....        | 20 |
| Cultural perfection.....    | 20 |
| Rarity.....                 | 10 |
| Arrangement or staging..... | 30 |
| Color effect.....           | 10 |

| GROUP OF FLOWERING PLANTS. |    |
|----------------------------|----|
| Size of group.....         | 10 |
| Rarity.....                | 10 |
| Cultural Perfection.....   | 15 |
| Arrangement.....           | 35 |
| Quality of flowers.....    | 20 |
| Foliage.....               | 10 |

In the miscellaneous plant section premiums aggregating \$3,110 are offered, including the premium for 12 plants of flowering shrubs offered by the Massachusetts State Board of Agriculture. For bulbs in bloom the prizes amount to \$720. For orchids, premiums to the value of \$1,145 are listed, and for roses in pots \$740 are offered. The prizes for ferns amount to \$400, and for palms and foliage plants \$1,870. In the cut flower rose section the premiums offered by the S. A. F. and the Rose Society aggregate \$1,515, beside the medals and certi-

ificates, and they will be judged by the following scale:

|                      | Competitive classes. | Novelties for certificates. |
|----------------------|----------------------|-----------------------------|
| Size.....            | 15                   | etc.                        |
| Color.....           | 20                   | 10                          |
| Stem.....            | 20                   | 20                          |
| Form.....            | 15                   | 15                          |
| Substance.....       | 15                   | 10                          |
| Foliage.....         | 15                   | 15                          |
| Fragrance.....       | 5                    | 5                           |
| Distinctiveness..... | 10                   | 10                          |
|                      | 100                  | 100                         |

The premiums for carnations offered by the S. A. F. and the American Carnation Society, which exhibition will be held March 28, amount to \$804, and additional special premiums have been offered as follows: Silver cup valued at \$30 by Hitchings & Co. as a sweepstake prize; \$25 in gold by F. Dorner & Sons Co. for 100 blooms Pink De-

iums, the Zvolanek premium for eight or more varieties, 100 blooms each, first \$25, second \$10. Ten or more varieties, 25 blooms each, \$10 first, \$5 second; the A. T. Boddington prize of \$25 for display of not less than 10 varieties 50 blooms each; a gold medal by Lord & Burnham for display of not less than 1,000 blooms and \$10 by R. & J. Farquhar Co. for bouquet with foliage for private gardeners or amateurs. The scale of points to govern judges is as follows:

|                                |    |
|--------------------------------|----|
| Length of stem.....            | 25 |
| Color.....                     | 20 |
| Size.....                      | 25 |
| Substance.....                 | 15 |
| Number of flowers on stem..... | 15 |

The judges are G. W. Ker, Doylestown, Pa.; James Wheeler, Natick, Mass.; William Duckham, Madison, N. J.; Frank H. Traendly, New York, and Chas. H. Totty, Madison, N. J. The premiums for cut blooms of orchids amount to \$181; for forced blooms of gladiolus \$100, and for other cut flowers \$203.

## OBITUARY.

## John H. Taylor.

His many friends, throughout the trade, will be shocked to hear of the sudden death of John H. Taylor, which occurred at the Hotel Martinique February 25. Mr. Taylor had returned from Europe, evidently enjoying his usual health, on the Wednesday previous. The cause of death was bronchitis and tonsillitis. Formerly Mr. Taylor was well known as a rose grower at Bayside, L. I. Last June he leased his growing establishment to a realty company and on June 11, 1910, he sailed for Europe, where he remained until last week.

Mr. Taylor was born in New York City in 1858. Ten years of his younger life was spent in Switzerland, Italy and Germany. He graduated from Harvard in 1881 with degree of bachelor of agricultural science. Soon after his graduation he became associated with his father as nurserymen and florists. The elder Mr. Taylor died soon afterward, and John H. Taylor bought out the interests of the other heirs in the Oakland Tree Nursery at Bayside, of which his father had been the owner. In 1883 Mr. Taylor married Miss Julia Armstrong. She died ten years ago, and five years later he married Miss Mary Stow, of New York. Mr. Taylor maintained the Oakland Nursery until about six years ago, when he sold it. He was prominent among and favorably known by the florists of the country, being an attendant at the conventions of the Society of American Florists and serving on the executive board of that society in the years 1898-99 and 1900.

As the organizer and first president of the Oakland Golf Club Mr. Taylor gave a part of his estate at Bayside, which was known as the Oaks, to the club to be used as part of the course. He was also one of the organizers of All Saints' Episcopal Church in Flushing. Besides he was a member of the University, Lawyers', New York Florists', Nautic and New York Athletic clubs, Cornucopia Lodge, F. and A. M., and the New York Horticultural Society.

Mr. Taylor was a nephew of Mr. William Taylor, proprietor of the St. Denis Hotel, and a cousin of Mr. Charles Leigh Taylor, proprietor of the Hotel Martinique. He was survived by a widow and two children of his first wife, Mrs. Adele A. Manning and Reginald Taylor.

Funeral services were held at Bayside Monday afternoon, interment being private at Flushing cemetery, Flushing, L. I.



The Late John H. Taylor.

light; a gold medal or \$25 in gold by Kroeschell Bros. for the 12 blooms, each bloom to measure not less than five inches; Berterman Bros. Co., \$25 in two prizes for vases of J. Whitcomb Riley; a \$25 silver cup or \$25 in gold by Jos. Heacock Co. for 100 blooms Dorothy Gordon, and first prizes of six dollars and second prizes of four dollars by the following named for 50 blooms of the respective varieties: A. C. Brown for Sangamo, Chicago Carnation Co. for Conquest, Baur & Smith for Shasta, F. Dorner & Sons Co. for Scarlet Glow, Jos. Heacock Co. for Dorothy Gordon, The E. G. Hill Co. for J. W. Riley, Geo. E. Buxton for Bon Ami, Cottage Gardens for Mrs. C. W. Ward and for Alma Ward. The judges elected are W. N. Rudd, Morgan Park, Ill.; R. Witterstaeter, Cincinnati, O.; Wm. Nicholson, Framingham, Mass.; Eugene Dailledouze, Brooklyn, N. Y.; Jos. H. Hill, Richmond, Ind., and E. A. Stroud, Stratford, Pa. The following scale will be used in judging the carnation exhibits:

|                |    |
|----------------|----|
| Color.....     | 25 |
| Size.....      | 20 |
| Calyx.....     | 5  |
| Stem.....      | 20 |
| Substance..... | 15 |
| Form.....      | 10 |
| Fragrance..... | 5  |

The prizes for sweet peas amount to \$302, with the additional special prem-



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,**  
324 Dearborn St., CHICAGO.

**THIS ISSUE 56 PAGES WITH COVER**

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The date of Easter in 1912 will be April 7.

RENEW subscriptions promptly so that no copies of the papers may be missed.

WHAT has come of all those climbing American Beauty roses that the cut flower growers complained of so bitterly in the years that are over? Perhaps the mail plant trade can find use for them now.

## Personal.

Benjamin Connell, was that you we met not a thousand miles from Philadelphia a week or two ago? If not, it was a man very like you.

Another inquiry for P. F. Hemer, lately about mid-continent, whether going or coming is not stated—how many times across is it for Peter?

## Florists' Hall Association.

John G. Esler, secretary of the association, is again at home, having left the hospital on February 21. With the exception of the injuries to his upper lip and a dislocated hip, his injuries have healed. The doctors prescribe crutches and canes for the next two months at least.

The twenty-second assessment of the association will be levied on April 1, 1911. Members will be duly notified.

## National Flower Show.

Arrangements are well under way for the National Flower Show to be held in Boston March 25-April 1. The space both for competitive and trade exhibits is being rapidly taken, and from present indications it will be the most stupendous affair ever seen in connection with the florist trade. The final schedules have been printed and sent to all the members of the different societies under whose auspices the exposition is held. Manager Chester I. Campbell has had designed one of the most attractive art advertising cards for the exposition ever seen, and these will shortly be sent to all the larger cities in the country.

Advertising seals, or stickers for stationery, are also being prepared, and they too will be sent to all the exhibitors and members of the society. Manager Campbell has had long experience in the exposition business and realizes fully the importance of such advertising. Among the many expositions of which he has charge, are numbered the Boston automobile show which has the reputation of being the largest in the world, the National motor boat and engine show, the Style show, Office appliance, Textile machinery, Electric, Exhibition of aerial craft, and he will also guide the destinies of the great Boston Chamber of Commerce industrial and educational exhibition which will be held in October.

Every mail is now bringing in applications for space from those who intend making what may be classed as show exhibitions. A number of Boston florists, while not entering in the competitive classes, intend offering novelties in artistic decorative effects, and it may safely be predicted this exposition will long be remembered as portraying the acme of floriculture.

## American Rose Society.

President Elliott called a meeting in New York City to arrange for the appointment of judges and the arrangement of the programme. At the general business meeting Monday, March 27, at 2:30 o'clock, it is planned to have August F. Poehlmann and Wallace R. Pierson present two fine papers. Tuesday morning, election of officers and a general discussion of new roses. Tuesday, 2:30 P. M., a meeting designated by President Elliott, the amateurs' meeting. Papers by Richard Vincent, Jr., of White Marsh, Md., on what he saw in Belgium; Rev. Dr. Spencer S. Sulliger of Vancouver, Wash., on his visit to the National Rose Show in London, England, and William G. McKendrick, an extensive amateur rose grower, whose aim is to make Toronto beautiful.

## REGISTRATION OF ROSES.

A. N. Pierson, Inc., file the following described new roses for registration: Double White Killarney—A sport of

White Killarney, originating with the J. A. Budlong & Son Co., Auburn, R. I., in January, 1910. It is stronger in growth than the parent, with the same general characteristics of foliage and growth. The flower is pure white in color, with an average of from forty to forty-five petals. It is a wonderful improvement over the parent, having size and substance in summer, when White Killarney is comparatively single. The variety will be disseminated by A. N. Pierson, Inc., in 1912.

Killarney Queen—A deep pink sport of Killarney, originating with the J. A. Budlong & Son Co., Auburn, R. I., in 1909, that has the high color of Dark Pink Killarney with an increased vigor in growth. It compares among Killarneys as American Beauty does with other varieties, the stem and foliage being much heavier, and the petals nearly twice the size of the petals of Killarney. The variety will be disseminated by A. N. Pierson, Inc., in 1912.

Entries are coming in for the exhibition. BENJAMIN HAMMOND, Sec'y.

## American Carnation Society.

### REGISTRATION OF NEW CARNATION.

Miss Dimple Widener—Mrs. Thos. Lawson X Lady Bountiful. Scarlet. Size, 3 1/4 inches. Clean grower, and very free bloomer. Long stiff stems and free from disease. Never splits and every flower comes perfect. Raiser, Wm. Kleinheinz, Ogontz, Pa.

Members of the American Carnation Society will please bear in mind that all entries for the Boston show should be in the hands of Secretary A. F. J. Baur, Indianapolis, Ind., by March 18. \$2.00 will be charged for each entry made after that date. Only members of the A. C. S. are eligible to compete in the general carnation classes, excepting section G. If you are not a member now, send in your application either now or with your entries, including \$3.00 to cover the first year's dues and entrance fee. The fact that you may not be a member now need not prevent you from competing at the show, but you must become a member before your entries will be accepted.

Send for a premium list. Copies have been mailed to all the members.

Members may now secure A. C. S. buttons. The price of these is 75 cents each. A very wide distribution of these is desired. When you send in your dues, just include 75 cents extra for a button. Why not send your dues to the secretary now, to save him some work at the convention?

In section H, class 51, the donors request that the requirement of 5 inches in size be omitted. The \$25.00 gold medal, or \$25.00 in gold will be awarded to the 12 largest blooms, one or more varieties, regardless of size. Make a note of this. A. F. J. BAUR, Secy.

## Meetings Next Week.

Buffalo, N. Y., March 7, 8 p. m.—Buffalo Florists' Club, 385-87 Elliott street.  
Butte, Mont., March 10.—Montana Florists' Club, Columbia Gardens.  
Chicago, March 8.—Gardeners' and Florists' Union No. 10615, 10 and 12 Clark street.  
Dayton, O., March 6, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.  
Detroit, Mich., March 6, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
Grand Rapids, Mich., March 6.—Grand Rapids Florists' & Gardeners' Club, office of member.  
Hartford, Conn., March 10, 8 p. m.—Connecticut Horticultural Society, County building.  
Louisville, Ky., March 7, 8 p. m.—Kentucky Society of Florists, Third and Broadway.  
Madison, N. J., March 8, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic Hall.  
Moline, Ill., March 9.—Tri-City Florists' Club, home of Arvid Anderson, 517 Eleventh avenue.

**Montreal, Que.** March 6, 7-45 p. m. - Montreal Gardeners' and Florists' Club, Royal Guardians' building, 211 Sherbrook street, west.  
**New London, Conn.** March 8. - New London County Horticultural Society, Ellis' Hall.  
**New York, March 8.** 4:00 p. m. - Horticultural Society of New York, American Museum of Natural History.  
**Omaha, Neb.** March 9, 8 p. m. - Omaha Florists' Club, City Hall.  
**Philadelphia, Pa.** March 7, 8 p. m. - Florists' Club, National Horticultural Hall, Broad street above Spruce.  
**Pittsburg, Pa.** March 7, 8 p. m. - Florists' and Gardeners' Club of Pittsburg, Fort Pitt Hotel, 10th street and Penn. avenue.  
**Salt Lake City, Utah.** March 7. - Salt Lake Florists' Club, Highland Floral Co., 114 East Second, South street.  
**Seattle, Wash.** March 7. - Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
**St. Paul, Minn.** March 7, 8 p. m. - Minnesota State Florists' Association, 510 Snelling.  
**St. Louis, Mo.** March 9, 2 p. m. - St. Louis Florists' Club, Odd Fellows' building, Ninth and Olive streets.  
**Toledo, O.** March 8. - Toledo Florists' Club, Washington, D. C. March 7, 8 p. m. - Florists' Club of Washington, 1214 F street, N. W.  
**Winnipeg, Man.** March 8. - Winnipeg Florists' Club, City Hall.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—By an experienced gardener: five years at present place which has a large greenhouse. Address: Key 405, care American Florist.

**Situation Wanted**—As foreman by a practical grower of cut flowers and plants in a modern place, capable of taking entire charge: a life experience; single; references G. K. K. Florist, 59 W. Ontario St., Chicago.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse, lawns. First-class references. Ready April 1; single; age 55. Address: Key 392, care American Florist.

**Situation Wanted**—As gardener and florist on a private estate by single young man. Good at landscape work, and with flowers; 3 years' experience. Good references. Address: WILLARD COATES, East Aurora, N. Y.

**Situation Wanted**—By young man, 26, German, single, with experience in decoration and making up designs, also help in greenhouses; wages in first letter. Address: F. F., care of Jos. Zlamany, Bowser Ave., Winfield, L. I. N. Y.

**Situation Wanted**—Gardener 26, single, German, experienced in every line; desires position on private place or take charge of estate; best of references; near Chicago or New York preferred. W. MEURICQ, Gen. Delivery, San Bernardino, California.

**Situation Wanted**—By experienced seed salesman to the trade who can also fill any inside position; young, single and can give best reference; position calling on trade in central states preferred. Address: Key 393, care American Florist.

**Situation Wanted**—By gardener, Scotch, married, age 29; life experience in greenhouse, fruit, vegetable and general estate work; can grade and lay out grounds; one year in U.S.; wishes private place, New England preferred. Address: Key 399, care American Florist.

**Situation Wanted**—Position as working foreman in up-to-date place, wholesale or retail, by practical grower of first-class stock; life experience; exceptional references, middle-aged, married. Address: J. HODGE, 712 Greendale St., Meadville, Pa.

**Situation Wanted**—As a grower of cut flowers and plants in general; life experience; capable of taking charge; state of Washington or Oregon preferred. Please state full particulars in first letter when writing. Address: FLORIST, 214 S. Washington, Spokane, Wash.

**Situation Wanted**—Commercial or private place young man thoroughly qualified in all lines of commercial horticulture and private gardening is open to employment. Experience in Sweden, Germany and Canada; single; with excellent references. G. LUNGREN, 110 Weber St., Berlin, Ont., Can.

**Help Wanted**—Foreman for greenhouse and florist store; state experience and wages. Key 405, care American Florist.

**Help Wanted**—Man with some experience in greenhouse work, sober and reliable. State wages with room and board. Address: GEO. ALLAN, Princeton, N. J.

**Help Wanted**—A florist, for private and commercial place; must thoroughly understand the work and give best of reference. Address: THE J. M. MCCULLOUGH'S SON'S CO., 316 Walnut St., Cincinnati, Ohio.

**Help Wanted**—At once, a good all-around florist to take charge of plant; also must understand design work. Send references and state wages. Steady job to a good man. Address: W. S. BEEBE, Owosso, Mich.

**Help Wanted**—A strictly sober and industrious man for the potting bench; one who has had experience at potting and bedding out; wages, \$12 per week; references required. Address: JOHN RECK & SON, 985 Main St., Bridgeport, Conn.

**For Sale**—Greenhouses containing 3000 feet bench room; hot water heat; complete cold water system and irrigating system; eight lots, 4-room bungalow and out buildings everything first class and practically new; town of 8000; no competition; first-class shipping facilities; fine climate; terms: investigate. EDGAR PHINNEY, Livingston, Montana.

## Wanted

An agent for the Nurseries of L. GAARKEUKEN, Nurserymen, Hazerswoude, Holland, as soon as possible.

## Wanted

Young Florist or Gardener familiar with greenhouse construction and heating to call on the greenhouse trade.

Key 404, care American Florist.

## Wanted

Young man accustomed to filling and checking orders, with some experience as shipping clerk; also an experienced nurseryman wanted. The Elizabeth Nursery Co., Elizabeth, N. J.

## Wanted to Rent.

Established retail place, store, greenhouses, (4000-ft.) and dwelling; covers city block; three cemeteries; on street-car line; reasonable terms. Address:

Key 401, care American Florist.

## WANTED

Maker-up and salesman; high class man, with the very best experience and city references, to take charge of a store. No one but a first-class artist need apply.

Key 402, care American Florist.

## For Sale.

**11 Up-to-Date Greenhouses.** Cover over 20,000 feet of glass. Heat, one 15 horse power; one 75 horse power hot-water Furman boilers; one 25 horse power steam boiler tubular—all new. All houses furnished with both systems giving perfect control and safety. Water from well 178 feet deep, pumped to steel tower. All houses full to overflow with spring trade stock. In part thus: 10,000 geraniums; 800 Easter lilies; 50 Gladstone sprays; about 20,000 hyacinths, tulips etc.; roses, heliotrope, carnations; 2 houses carnations; 2 houses ferns etc. Estimated inside stock \$5,000; outside about 2 acres ground, 150 sash 3x6 cold frames etc. Price \$8,000 cash \$7,000 on mortgage; if sold now will buy entire plant. It cost \$21,000. Failing health; must sell quick; 2 stores buy entire outfit. Location 2 miles from Harrisburg, Pa. Write me quick.

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

## NOTICE

Proposals will be received by the West Chicago Park Commissioners, in Union Park, Chicago, on the following:

|                              |                              |
|------------------------------|------------------------------|
| 1700 Mme. Caroline           | Dormant plants, 2 years old. |
| Testout Roses,               |                              |
| 600 Clothilde Souperet Roses |                              |
| 400 Hermosa Roses,           |                              |
| 200 Gruss an Tepitz Roses,   |                              |
| 60 Mrs. John Laing Roses,    |                              |

**West Chicago Park Commissioners**

By GEO. A. MUGLER, Secretary.

# Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

**American Florist Company**

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



## Buffalo.

## STOCK EQUALS DEMAND.

Weather conditions are still unsettled and trade is fair. Stock is equal to all demands with the possible exception of American Beauties. Carnations still hold their price, for good ones \$1.00 per dozen, not that they are so scarce, but for the quality. Bulb stock being so plentiful makes demand for them uncertain. Balls and receptions were either prominent last week or S. A. Anderson having the decorations for a ball at the Country Club, also two receptions of goodly proportions. Palmer and Stafford each were busy with receptions, the former also having a big dinner at the Ellicott Club.

## NOTES.

The event of last week was the visit of the Rochester boys. They were met at the depot by a committee composed of Palmer, Anderson, Street, Sandiford, McClure and after that they were ours in every sense of the word. First they were our guests at dinner at the Hofbrau. Then we adjourned to the bowling alleys, where they were our victims in the bowling game. These games were rolled and they were ours. Then a match game was rolled by Brad Phillips and Geo. Jenny, of Rochester, vs. Sam Wallace and Geo. McClure, of Buffalo, with the following result:

| Rochester.                 | Buffalo.                  |
|----------------------------|---------------------------|
| Phillips . . . 125 139 151 | Wallace . . . 212 158 189 |
| Jenny . . . 135 156 159    | McClure . . . 100 145 147 |

That was just a little contest. The main event was the three games of five men each with the two teams. It was a fine game and won by Buffalo on our own alleys. The return match may be different when we see them in their town. The score was as follows:

| Rochester.                 | Buffalo.                    |
|----------------------------|-----------------------------|
| Jenny . . . 159 171 174    | Neubek . . . 165 191 150    |
| Phillips . . . 100 125 129 | Street . . . 150 150 150    |
| C. Vick . . . 127 137 148  | Kasting . . . 175 156 153   |
| Ham . . . 105 143 130      | Cloosler . . . 129 130 160  |
| A. Vick . . . 134 134 143  | Sandiford . . . 169 188 155 |

691 744 733 754 824 778  
M. Keller scores in place of C. Vick—157, 148.  
J. Keller in place of Ham—130.

After the bowling a lunch was served in the alleys, where all had a good time and voted the Rochester boys a good bunch. It is needless to say that without Charlie Vick, they would be lonesome. His game with "Scots Wa Hae" McClure was a grand game, Scots winning by one pin. That was one time that "Oatmeal" was higher than "Seeds and Bulbs." "Jenny," like the quadruped by that name, had his ears up for anything and was dead game. Allie Vick was faithful, but had father been here to play for him it might have been different. They say he bows to music—not chin music. Kasting has his National reputation to keep up and he was equal to it. The cares of President made Joe Street nervous the first game but he cooled down. Lord Danbury Sandiford was his dignified self as usual and bowled a steady game; of course, he was not bothered by his hair falling down in his eyes and could see well on that account. One of the many shades of Brown was on the foul line, but was not over worked. McClure scored, was well watched, still we won. Palmer and Anderson astonished all by remaining until it was all over. Excitement is everything at times. The Rochester boys were the following: Chas. Vick, J. M. Keller, P. J. Keller, Geo. Keller, E. Albers, Geo. Kramer, P. Ham, A. Vick, Geo. Jenny, Barth Phillips; also M. Miller, of Roehrs and Koenig, of bulb fame. About 35 sat down to the dinner and had a good time. We may not have as much to say about our score when we return from Rochester, but we will have a good time.

Recent visitors were Philip Breitmeyer, Detroit, jovial as ever; Jas. Kairns, of H. A. Dreer Co., Philadelphia. BISON.

# FUNGINE

## The Newly Discovered Fungicide

An Invaluable Remedy for Mildew, Rust and other Fungus Diseases.

IT ERADICATED RUST.

"BLANTYRE" GARDENS,

Thomas Proctor, Supt.

Lenox, Mass. Feb. 24, 1911.

APHINE MANUFACTURING COMPANY, Madison, N. J.:

Dear Sirs,—Replying to your letter of the 21st, in which you request me to advise you as to the results of my trials with your FUNGINE, I have not had an opportunity of testing its merits on mildew, but I can, however, unqualifiedly recommend it as being a very effective remedy for Carnation Rust. I brought in some new carnations some time ago that were in a bad state with rust on their arrival; their leaves were completely covered, and after two applications, at proportions of one part FUNGINE to forty parts water, I found it had the desired effect. For this reason I gladly endorse it.

Yours very truly,

THOMAS PROCTOR.

IT DESTROYS MILDREW.

Farmington, Conn., Feb. 23, 1911.

APHINE MANUFACTURING COMPANY, Madison, N. J.:

Dear Sirs:—In reply to yours of the 21st inst., I would say that my experience with FUNGINE for Mildew has been very satisfactory. I think it is much better and easier than the old way of dusting the plants and painting steam pipes.

The first time I used it I was rather disappointed, as it turned the woodwork in the houses, wherever the spray hit it, a dirty yellow, but this all disappeared in a few days.

I have not tried it for rust, but cannot see why FUNGINE is not going to be to the florists and gardeners what the lime and sulphur was to the pomologists.

For Black, Green and White Fly, Mealy Bug and Thrip, I have not used anything this season but APHINE. The greenhouses have not been fumigated, and plants are in a fine healthy condition.

Yours respectfully,

WARRAN S. MASON, Grd. to A. A. Pope.

IT CURES ROOT ROT.

ZIEGER & SONS,

Growers of Decorative Greens and Flowers,

Germantown, Philadelphia, Pa.,

Palms—Ferns—Novelties

February 23rd, 1911.

APHINE MANUFACTURING COMPANY, Madison, N. J.:

Gentlemen:—Concerning the FUNGINE, we may say that we have not had much occasion to use it. However, we had one delightful experience with it. We had quite a few thousand chrysanthemum cuttings inserted in old sand which had been left in one of our cold houses. As our propagator is accustomed to do, he saturated the sand and kept the cuttings very wet, which caused rot and fungus. The writer, noticing this apparent loss, went for the FUNGINE purchased from you. We used one part to twenty-five parts water, and sprayed the entire lot of dampened and partly rotted cuttings, thinking that these cuttings (of which there were several thousand) might as well die one way as another; but, to our great surprise, these cuttings, after the single application—a thorough one at that—turned the cuttings to a light green color and seemed to extract the fungus, which sort of foamed up and separated from the decay (similar to peroxide on a healing wound).

Now, these cuttings at this writing have nearly all made good healthy roots, although a few cuttings rotted in the sand, but made roots above the decayed part which seems remarkable to us. It is not necessary to state that for this experience alone we are highly pleased with the results obtained with FUNGINE used as above, which is far more than we have ever expected.

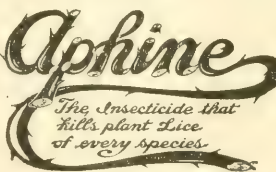
We beg to take the liberty to state that APHINE does all it is recommended to do in a very satisfactory manner.

Yours very truly,

ZIEGER & SONS, Ernest J. F. Zieger, Sec'y.

FUNGINE—\$2.00 per gallon; 75c per quart.

For  
House



and  
Garden

KNOWN AND USED THE WORLD OVER.

Entebbe; Uganda (Central Africa), 16th January, 1911.

Sirs:—Kindly supply me with sufficient APHINE to insure a fair trial. I should be glad to experiment with this insecticide.

W. GOWDEY, Government Entomologist.

FRITZ BAHR says in his article on Lilies in The Florists' Exchange of February 18th, 1911:

"We have given our lilies a weak dose of APHINE once a week since they have occupied space on top of the bench, and thus far we haven't noticed even a trace of the pest; that ought to prove that green flies are not very fond of the stuff, for if there's anything they do like it is to get into the tops of the lilies, and it takes an awful lot of coaxing to get them out."

APHINE—\$2.50 per gallon; \$1.00 per quart.

FOR SALE BY SEEDSMEN.

If you cannot obtain them from your dealer, write us for name of nearest selling agent.

MANUFACTURED BY

Aphine Manufacturing Company, Madison, N. J.

# When in Philadelphia Be Sure to Look Us Up

SOMETIMES when you get out and look around and see what other folks in your line of trade are doing, you get some good ideas for running your own business—which prompts us to suggest that you might be decidedly interested in our establishment at Wyncote and in the work we are doing here.

So this is a cordial invitation to you to come out to Wyncote to look us over whenever you have a couple of hours to spare in Philadelphia—you can do it, comfortably, in that time, though when you get out here you may possibly be interested enough to conclude to prolong the visit!

We're easily reached—only 25 minutes from Reading Terminal, 12th and Market Streets, Philadelphia. We have fine train service—fifty trains each way on week days—so you can suit your convenience both going and coming.

Our ranges aggregate 130,000 feet of glass; here we grow the Palms, Carnations, Orchids and Roses about which we've told you so often in our advertisements.

Call on us; we're always ready for visitors, and will make you welcome.

*When in Philadelphia Be Sure to Look Us Up*

## JOSEPH HEACOCK COMPANY

*Growers of Palms, Orchids, Carnations  
and Roses*

WYNCOTE, PENNSYLVANIA

Railway Station: JENKINTOWN

# Extra Fancy Carnations

**The Kind That Gives Satisfaction All the Time**

Our Carnations are in full crop, and we are in position to supply your wants.

We are also handling

## The Entire Rose Crop

of one of the largest Rose Growers.

## Extra Fancy Orange Blossoms

Large clusters, home-grown, one day's notice.

Our stock is properly packed at all times.

### CURRENT PRICE LIST

|                                            | Per 100        |                          | Per 100                    |
|--------------------------------------------|----------------|--------------------------|----------------------------|
| Carnations, extra fancy                    | \$3 00         | Sweet Peas               | 50 to 1 00                 |
| select                                     | 2 00           | White and Pink Killarney | 4 00 to 8 00               |
| splits                                     | \$1 00 to 1 50 | Richmond                 | 4 00 to 10 00              |
| Orange Blossoms, strictly fresh every day, |                | Tulips                   | 2 00 to 3 00               |
| \$1 00 to \$1 50 per large cluster.        |                | Harrisii Lilies          | per doz., \$1 50 to \$2 00 |
| Violets, double                            | 1 00 to 1 50   | Extra fancy Boxwood      | per bunch, 25              |
| single                                     | 75 to 1 00     | Galax, bronze or green   | per 1000, 1 00             |
| Valley, Choice Blue Ribbon                 | 3 00 to 4 00   | Ferns                    | per 1000, 2 50             |

**CHICAGO CARNATION CO.,**

35-37 Randolph St.,  
A. T. Pyler, Mgr.,  
Phone Central 3373.

**Chicago**

For Names **Trade Directory** Price  
USE THE **\$3**



# A Big Crop of Beauties and Roses Now on

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

Per doz.

|                      |                |
|----------------------|----------------|
| Extra long.....      | \$5.00         |
| 24 to 36 inches..... | \$3.00 to 4.00 |
| 15 to 18 inches..... | 1.50 to 2.00   |
| 8 to 10 inches.....  | 1.00           |

### Rhea Reid

|                     |                          |
|---------------------|--------------------------|
| Extra long.....     | per 100, \$12.00         |
| Good lengths.....   | per 100, \$8.00 to 10.00 |
| Medium lengths..... | per 100, 6.00            |
| Short.....          | per 100, 4.00            |

### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin and Richmond

|                         |                          |
|-------------------------|--------------------------|
| Extra select.....       | per 100, 10.00           |
| Good lengths.....       | per 100, 8.00            |
| Medium lengths.....     | per 100, \$ 5.00 to 6.00 |
| Good short lengths..... | per 100, 3.00 to 4.00    |

### CARNATIONS

|                                       |                          |
|---------------------------------------|--------------------------|
| Fancy pink and white.....             | per 100, \$3.00          |
| Fancy red, O. P. Bassett.....         | per 100, 4.00            |
| Winsor.....                           | per 100, 3.00            |
| <b>HARRISII LILIES</b> .....          | per doz., 1.60           |
| ".....                                | per 100, 10.00           |
| Lily of the Valley.....               | per 100, 3.00            |
| Select Pink and White Sweet Peas..... | per 100, 1.00            |
| Double, Single Daffodils.....         | per 100, 2.00 to 3.00    |
| Tulips.....                           | per 100, 3.00            |
| Adiantum.....                         | per 100, 1.00            |
| Asparagus.....                        | per string, .50          |
| Asparagus Sprays.....                 | per 100, \$3.00 to 4.00  |
| Ferns.....                            | per 1000, 2.50           |
| Galax, Green.....                     | per 1000, 1.00           |
| " Bronze.....                         | per 1000, 1.00           |
| Smilax.....                           | per doz., \$1.50 to 2.00 |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

#### MORE STOCK ARRIVING.

The last week has been very pleasant and there has been more bright sunlight than any other week since the first of the year, and beside the sun is now getting high enough so that the rays are making themselves felt upon the growing plants, consequently, the stock is increasing rapidly in quantity and improving greatly in quality. It takes but a few days of bright sunlight, after a long dark cloudy spell, to make the roses, especially the pink varieties, improve in color and take on a much brighter shade, and the carnations have a much stiffer and stronger stem. American Beauty roses are now in better shape and the quantity of first class stock is increasing rapidly. Killarneys are much better and the quantity is increasing, the pink is now coming with the beautiful color which this variety has at its best. My Maryland is fine, some very handsome flowers being received and Mrs. Jardine is of elegant quality. Although the cut is increasing, the call has been good, as one of the wholesalers puts it, "Trade is very good and taking all the stock that comes in." So the prices remain very firm as there is no surplus, and roses especially clean up well. Carnations are coming in very plentifully in all colors and the prices are a little lower, but the best grades still hold up well. Violets are very plentiful and the prices lower. Orchids are being received in quantity enough to meet all the demands. Lilies and callas are now being received in much greater quantities. There is plenty of bulbous stock of all kinds and at times more than the market has call for, and some low sales are reported. There is the usual amount of spring flowers coming and white and colored stock are added to the supplies of snapdragon, mignonette, pans-

## "The Busiest House in Chicago"

We are receiving a fine line of Tulips, single and double Daffodils, besides everything else in the cut flower line.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

ies, white lilac, marguerites and calendulas. Lily of valley is being received in good quantity and of excellent quality and is finding good sales. There is plenty of all greens to meet the call.

#### NOTES.

Chas. W. McKellar is offering a splendid grade of single and double stocks in white and other colors. A shipment of dog wood blossoms was received this week and sold to local florists, who used it quite extensively in decorations. This house is now receiving a good supply of Oncidium splendendum which are now coming in crop.

J. A. Budlong is cutting a large quantity of roses with Killarney and My Maryland, showing up exceptionally well, a large crop of the latter is now on and some magnificent buds of splendid color can be seen at the store this week.

Carl Hirsch, of Hillsdale, Mich., paid the city a visit February 25, returning home the same evening. Mr. Hirsch

was recently discharged from a hospital, where several operations were performed upon him and he is much improved.

John Zech and Mathias Mann, members of the well known firm of Zech & Mann, are attending the Mardi Gras at New Orleans this week. Wm. Graff is assisting at the store during the absence of the members of the firm.

Wietor Bros. are featuring a splendid grade of Mrs. Jardine roses this week, some having stems fully three feet in length. This firm is also cutting a good grade of American Beauty, Killarney and Bride roses.

Victor Morgan, representing Boblink & Atkins, the well known nurserymen, florists and planters of Rutherford, N. J., was in the city this week on his annual business trip.

A. F. Keenan, 1306 East Sixty-third street, filled several large orders that were delivered to the Chicago University on February 22, when the junior prom was held.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

Try us on **Orchids**, we can supply you with the finest **Cattleyas**  
We are now cutting a large quantity of Valley and Sweet Peas of exceptionally fine quality

**CURRENT PRICES, Subject to Change Without Notice.**

| AMERICAN BEAUTIES            | Per doz.               |
|------------------------------|------------------------|
| Specials .....               | \$6.00                 |
| 36-inch .....                | 5.00                   |
| 30-inch .....                | 4.00                   |
| 24-inch .....                | 2.50                   |
| 18 to 20-inch .....          | 1.50                   |
| 12 to 15-inch .....          | \$1.00 to \$1.25       |
| Short stem .....             | per 100.. 4.00 to 6.00 |
| CARDINAL, Long .....         | Per 100.. \$15.00      |
| Medium .....                 | 10.00 to 12.00         |
| Short .....                  | per 100.. 6.00 to 8.00 |
| RICHMOND, extra .....        | \$15.00                |
| Select .....                 | 12.00                  |
| Medium .....                 | \$8.00 to 10.00        |
| Good Short .....             | 6.00                   |
| KILLARNEY, extra .....       | \$15.00                |
| Select .....                 | 12.00                  |
| Medium .....                 | 8.00 to 10.00          |
| Good Short .....             | 6.00                   |
| MY MARYLAND, extra .....     | \$15.00                |
| Select .....                 | 12.00                  |
| Medium .....                 | \$8.00 to 10.00        |
| Good Short .....             | 6.00                   |
| WHITE KILLARNEY, extra ..... | \$15.00                |
| Select .....                 | 12.00                  |
| Medium .....                 | 8.00 to 10.00          |
| Good Short .....             | 6.00                   |
| PERLE, long .....            | \$8.00                 |
| Medium .....                 | 6.00                   |

Our Extra special grade Roses charged accordingly.

| CARNATIONS, fancy                  | Per 100                |
|------------------------------------|------------------------|
| " first                            | \$4.00                 |
| " common                           | 3.00                   |
| ORCHIDS, Cattleyas, per doz.       | 2.00                   |
| HARRISII and CALLAS, per doz.      | \$6.00                 |
| NARCISSUS PAPER WHITE .....        | \$1.50 10.00           |
| JONQUILS .....                     | \$3.00                 |
| DAFFODILS .....                    | \$3.00 to 4.00         |
| TULIPS .....                       | 3.00                   |
| FREESIAS .....                     | 3.00 to 4.00           |
| ROMANS .....                       | 3.00 to 4.00           |
| VALLEY .....                       | 3.00                   |
| VIOLETS, double                    | .75                    |
| " Single, Princess of Wales        | 1.00                   |
| VIOLETS, single, California .....  | .75                    |
| MIGNONETTE, large spikes .....     | 4.00                   |
| SWEET PEAS .....                   | .75 to 1.00            |
| ADIANTUM CROWEANUM .....           | 1.00 to 1.50           |
| SMILAX .....                       | per doz., 1.50 to 2.00 |
| SPRENGERI, PLUMOSUS                |                        |
| SPRAYS .....                       | 3.00 to 4.00           |
| PULMOSUS STRING .....              | each, 60c              |
| FERNS .....                        | per 1000, \$2.50       |
| GALAX .....                        | 1.25                   |
| LEUCOTHOE .....                    | .75                    |
| BOXWOOD, per bunch 35; per case of |                        |
| 50 lbs. .....                      | \$7.50                 |
| WILD SMILAX, 50 lb. case .....     | 5.00                   |

**POEHLMANN'S FANCY VALLEY** } We make these a special  
**EXTRA FINE HARRISII LILIES** } Can supply them all the year.  
Once tried you will have no other.

A. D. Martin, with the James H. Rice Co., reports a good demand for greenhouse glass this year, many growers taking advantage of the low prices that were offered this season. In recent years there have been low prices at times, but it has not been so constantly low for such a long time as at present, which was due to the over production of glass. Mr. Martin has sold glass for 22 years and says that they have received 70 more inquiries this year for 16x24 glass than in any of the three previous years. The demand the past four years has been for glass 16x18, but the larger size requires fewer laths and casts less shade and the growers have evidently come to the conclusion that it is better to spend a little more money and get better results.

G. Goebel, the representative for the Adams Express Co., says that their business has increased wonderfully since February 1, when the new fast

express service was inaugurated from Chicago to St. Paul, Minneapolis and all North-Pacific coast points via the C. E. & Q. R. R. The fast exclusive express train leaves Chicago at 9:45 p. m. and is due at St. Paul at 8 a. m., and at Minneapolis at 9 a. m.

W. W. Randall, with A. L. Randall Co., is devoting his time to calling on the trade, drumming up business for the well known house.

J. E. Lapes, of Cedar Rapids, Ia., was seen in the local market on February 23, buying stock for a large order which he had received. Mr. Lapes says the St. Valentine day trade was very good and that there was also a good demand for red carnations and roses for Washington's birthday.

The Chicago Carnation Co. has made arrangements whereby large consignments of home-grown orange blossoms are now received and is now prepared to fill orders for this flower, so much in demand for weddings. This firm is

**U S Budlong's**  
**E Blue Ribbon Valley.**

cutting a fancy grade of carnations in all the leading varieties.

Kyle & Foerster are showing an exceptionally fine grade of Killarney roses with excellent color, foliage and stem. This firm is also receiving a large quantity of violets of good quality.

John Huebner, 72 East Randolph street, arranged the table decorations for the banquet which was given by the Chicago Athletic Club at the club rooms on February 22.



# CARNATIONS ROSES BEAUTIES

We are cutting a splendid grade of **Carnations** in all the leading varieties, and are now prepared to fill all orders.

## PRICE LIST:

### AMERICAN BEAUTIES

|                   | Per Doz. |                      | Per 100              |
|-------------------|----------|----------------------|----------------------|
| Extra long.....   | \$5 00   | Richmond.....        |                      |
| 36-inch stem..... | 4 00     | Killarney.....       | Special..... \$10 00 |
| 30-inch stem..... | 3 50     | White Killarney..... | Select..... 8 00     |
| 24-inch stem..... | 3 00     | Field.....           | Medium..... 6 00     |
| 20-inch stem..... | 2 50     | My Maryland.....     | Short..... 4 00      |
| 18-inch stem..... | 2 00     | Uncle John.....      |                      |
| 16-inch stem..... | 1 50     | Bride.....           | Select..... 8 00     |
| 12-inch stem..... | 1 00     | Ivory.....           | Medium..... 6 00     |
| Short stem.....   | 75       | Sunrise.....         | Short..... 4 00      |
|                   |          | Gate.....            |                      |
|                   |          | Perle.....           |                      |

### ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|                 | Per 100        |                | Per 100                  |
|-----------------|----------------|----------------|--------------------------|
| Fancy.....      | \$ 3 00        | Harrisii.....  | per doz., \$1 50         |
| Common.....     | \$1 50 to 2 00 | Valley.....    | \$4 00                   |
| Sweet Peas..... | 75 to 1 00     | Violets.....   | \$ 75 to 1 00            |
| Jonquils.....   | 3 00 to 4 00   | Adiantum.....  | 1 00                     |
| Daffodils.....  | 3 00 to 4 00   | Asparagus..... | per bunch, \$0 50        |
|                 |                | Ferns.....     | per 1000, \$2 50 to 3 00 |

Subject to change without notice.

**PETER REINBERG,** <sup>35</sup> Randolph St., **Chicago**

The carnations that are being offered at the Percy Jones store are of exceptionally fine quality and large quantities are sold daily. Some fine boxwood was also seen at the store this week. F. J. Simon, formerly with the A. L. Randall Co., has accepted a position with this firm.

Peter Sgoros, of the Chicago Florist, and his brother, William, with the Madison Floral Co., purchased a lot 27x121 feet at 4200 West Harrison street for \$1,000. The brothers intend to erect in the future a three-story building, which they will occupy when it is completed.

Will Hoerber on February 26, took a trip to Des Plaines to look over the stock in their large range of greenhouses which is located there. The roses and carnations will soon be in full crop and they have already commenced to cut both quite heavily.

Fletcher James, the well known grower at Des Plaines, has purchased a quantity of greenhouse glass with the intention of building a new house 54x150 feet. Mr. James grows Boston ferns extensively and they are at present in splendid condition.

Julius Zschau, the well known florist of Roseland, informs us that his brother, Moritz, who is now the head gardener at the Patterson home at Libertyville, has leased the Fischer place in Evanston and will take charge in the near future.

Foehmann Bros. Co. is cutting a large quantity of lilies and callas of exceptionally good quality. A large crop of roses is now coming on, and it will be but a short time that they will again be receiving a heavy supply.

W. S. Garland of Des Plaines enjoyed a most prosperous year, and in addition to enlarging his plant it is rumored that he will invest several thousand dollars in an auto.

## GREEN CARNATIONS

**W**E have a very strong powdered coloring which will dye many white flowers a beautiful emerald green in a few hours by absorption, or instantly by immersion. This dye is combined with a very powerful and harmless chemical agent which helps to preserve and color the flowers. We have the coloring in Red, Blue, Yellow and Green. Directions with each package, which will make two to three quarts of coloring. Don't be fooled with cheaper dyes, but get the real article, cheap.

**PRICES: 1 package 75c.; 6 packages \$4.00; 12 packages \$7.50**

Sent postpaid on receipt of price. Address

**THE PHILADELPHIA CHEMICAL CO., Philadelphia, Pa.**

**C. S. FORD, Mgr.**

**Box 4515 West Park.**

**A. HERRMAN, Gen. Agent, 404-412 E. 34th St., NEW YORK CITY.**

**N. B—Keep this for reference as this "ad" will not appear again.**

The regular meeting of the Chicago Florists' Club will be held at the Union Restaurant, 111 Randolph street, March 2 at 8:00 p. m. The transportation committee will report in favor of the Lake Shore railroad for the National Flower Show at Boston, leaving Thursday, March 23, at 5:30 p. m.

Bassett & Washburn are in with a large crop of American Beauties and other roses, and a large quantity of stock can be seen at the store. This firm is also receiving a good supply of carnations with O. P. Bassett showing up exceptionally well.

Frank Vogt, 923 West Lake street, formerly in business on Cottage Grove avenue, has recovered sufficiently from his recent illness to be able to leave the hospital.

**U S Budlong's  
E Blue Ribbon Valley.**

Some of the finest carnations and sweet peas to be seen in the market are found in the J. B. Deamud Co. store, the product of their successful growers.

The C. C. Pollworth Co. of Milwaukee, Wis., have placed an order for a carload of glass with the James H. Rice Co. of this city.

**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**ROSES** Of extra good quality which we offer  
at reasonable prices.

AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

**White, Red, Light Pink and Pink**

**Violets, Tulips, Daffodils, Jonquils, Narcissus, Romans, Sweet Peas and Greens** of all kinds. Also a good supply of our famous **BLUE RIBBON VALLEY—once used, always used.** Order some and be convinced

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

37-39 Randolph Street, CHICAGO.

Roses and  
Carnations  
A Specialty.....

WHOLESALE  
GROWER of

**CUT FLOWERS**

**We Strive  
To  
Please.**

H. E. Wallace, the well known English grower of carnations and roses on the American plan, located at Dunstable, Bedfordshire, visited some of the leading growers here this week under the guidance of E. G. Hill and J. A. Evans, of Richmond, Ind. Mr. Wallace, who is accompanied by Mrs. Wallace, is making a tour of the United States and Canada, speaks very favorably of American methods of growing, which he has adopted, including American style greenhouses and Challenge ventilating apparatus, with most gratifying results, his carnations, especially, comparing very favorably with the product of our best growers.

Tim Matchen, the hustling manager at the Peter Reinberg store, is filling a large number of orders for a fancy grade of long-stemmed Killarneys. Roses in general are coming in in very good shape as are also carnations, which are now nearly in full crop.

Peter Reinberg is being congratulated upon the manner in which he, as chairman, directed the campaign of Carter H. Harrison, the successful candidate for mayor on the democratic ticket, at the primaries held this week.

The Masonic Temple and Briggs House Florist are enjoying a splendid transient trade, and also report a good call for funeral and wedding work.

The Des Plaines Floral Co. have lately received a shipment of rooted cuttings of Mrs. C. W. Ward carna-

tions from the Cottage Gardens Co., of Queens, L. I., that arrived in excellent condition.

**ORCHIDS**

**::A Specialty::**

A fine stock of **Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. MCKELLAR**

**51 Wabash Avenue,  
CHICAGO.**



Harry F. Garland and wife of Des Plaines returned from their wedding trip February 27. The young couple



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
Seasonable stock. and Fancy Carnations in good supply.

### CURRENT PRICE LIST

| American Beauty           |          | Per doz.       | Bridesmaid, fancy.....  |  | Per 100                    | Freelias.....                             |  | Per 100          |
|---------------------------|----------|----------------|-------------------------|--|----------------------------|-------------------------------------------|--|------------------|
| Extra long.....           |          | \$6 00         | select.....             |  | \$12 00                    | Mignonette.....                           |  | \$3 00 to \$4 00 |
| 36-inch and up.....       |          | 5 00           | " medium.....           |  | \$6 00 to 8 00             | Paper Whites.....                         |  | 4 00 to 8 00     |
| 30-inch.....              |          | 4 00           | " good short.....       |  | 4 00                       | Romans.....                               |  | 3 00 to 4 00     |
| 24-inch.....              |          | 3 00           | Bride, fancy.....       |  | 12 00                      | Sweet Peas.....                           |  | 75 to 1 25       |
| 18 to 20-inch.....        |          | 2 00           | select.....             |  | 10 00                      | Tulips.....                               |  | 3 00 to 4 00     |
| Short stem.....           |          | \$1 00 to 1 50 | " medium.....           |  | 6 00 to 8 00               | Valley.....                               |  | 3 00 to 4 00     |
| 12 to 15-inch.....        | per 100, | 8 00 to 10 00  | " good short.....       |  | 4 00                       | Violets.....                              |  | 50 to 1 00       |
| Richmond, fancy.....      |          | Per 100        | My Maryland, fancy..... |  | 12 00                      | Adiantum.....                             |  | 75 to 1 00       |
| " select.....             |          | \$12 00        | select.....             |  | 10 00                      | Asparagus Plumosus, extra quality.....    |  |                  |
| " medium.....             |          | \$6 00 to 8 00 | " medium.....           |  | 6 00 to 8 00               | per bunch.....                            |  | \$ 35 to \$ 50   |
| " good short.....         |          | 4 00           | " good short.....       |  | 4 00                       | per string.....                           |  | 50 to 60         |
| Killarney, fancy.....     |          | 15 00          | CATTLEYS.....           |  | per doz., \$6 00 to \$7 50 | Sprengerl.....                            |  | \$3 00 to 4 00   |
| " select.....             |          | 12 00          | Harristli Lilies.....   |  | per doz., 1 50 to 2 00     | Boxwood, 25c per lb.; 50 lb. case, \$7 50 |  |                  |
| " medium.....             |          | 8 00 to 10 00  | Callas.....             |  | 15 00                      | Fancy Ferns.....                          |  | per 1000, 2 50   |
| " good short.....         |          | 6 00 to 8 00   | Fancy Eupatorium.....   |  | per bunch, 50              | Galax.....                                |  | per 1000, 1 25   |
| ROSES, our selection..... |          | 6 00           | Carnations.....         |  | \$2 00 to 3 00             | Smilax.....                               |  | per doz., 1 50   |
|                           |          |                | 1st quality.....        |  | 1 50 to 2 00               | Mexican Ivy.....                          |  |                  |
|                           |          |                |                         |  |                            | Wild Smilax.....                          |  | per case, 5 00   |

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

We are Cutting a  
Large Quantity of

## LONG STEM BEAUTIES

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      |  | Per doz.       |                 |                  | Per 100 | Roses, Our Selection      |  | Per 100           |
|-----------------------|--|----------------|-----------------|------------------|---------|---------------------------|--|-------------------|
| Extra long stems..... |  | \$ 4 00        | Killarney       | Extra fancy..... | \$ 8 00 | Carnations, fancy.....    |  | 4 00              |
| 36-inch stems.....    |  | 3 50           | White Killarney | Fancy.....       | 6 00    | " Good.....               |  | 1 50 to 2 00      |
| 30-inch stems.....    |  | 3 00           | Mrs. Jardine,   | Good.....        | 5 00    | Valley.....               |  | 4 00 to 5 00      |
| 24-inch stems.....    |  | 2 50           | Richmond,       | Short.....       | 3 00    | Adiantum.....             |  | 1 00              |
| 20-inch stems.....    |  | 2 00           |                 |                  | Per 100 | Sprengerl, per bunch..... |  | \$ 0.50 to \$0.75 |
| 18-inch stems.....    |  | 1 50           | Bride,          |                  |         | Asparagus " ".....        |  | .50 to .75        |
| 15-inch stems.....    |  | 1 25           | Maid,           | Fancy.....       | \$6 00  | Ferns, per 1000.....      |  | 2.50              |
| 12-inch stems.....    |  | 1 00           | Uncle John,     | Good.....        | 5 00    | Galax.....                |  | 1.00 to 1.50      |
| Short stems.....      |  | \$4 00 to 6 00 | Perle           | Short.....       | 3 00    |                           |  |                   |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

visited New Castle and Indianapolis, Ind., Columbus and other cities in Ohio. While in Dayton they were the guests of George Bartholomew of the Miami Floral Co., who evidently informed the trade of their arrival, for they were treated to a genuine old-fashioned charivari. Mr. Garland, while on his honeymoon, did not forget that there was business in sight and secured several large orders which aggregated to an amount in the neighborhood of five figures.

C. L. Washburn, on February 22, celebrated the fifty-third anniversary of his birth and was the recipient of many presents, among which were an

apple strudel and a large birthday cake upon which were 53 candles. The years sat lightly upon his shoulders and he received letters from his many friends far and near wishing him congratulations and that he may live to celebrate many more.

Chas. J. Glaser, a son of A. L. Glaser of Dubuque, Ia., spent a week in the city, returning home February 27. Charles says his father is enjoying a brisk retail trade, there being a good call for funeral and wedding work.

Vaughan & Sperry's chief offerings this week are a splendid grade of Killarney roses and carnations of good quality. The bulbous stock is arriving

**U S Budlong's  
E Blue Ribbon Valley.**

in quantity and enough to meet all demands.

B. J. Maynard, eastern representative for the Geo. M. Garland Co., has been assisting at the local office during the absence of H. F. Garland.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.

—SEND FOR PRICE LIST.—

FLORISTS' SUPPLIES TOO.

76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., **Chicago**  
L. D. Phone, Central 466.

We will have anything in the line of

**CUT FLOWERS and GREENS**that you may want if anybody has it, at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store. 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

A. Belmont, West Twenty-sixth  
street, will open a new store on the  
corner of Oak and Centre avenues.Visitors: E. G. Hill, John Evans,  
Richmond, Ind.; Victor Morgan, repre-  
senting Bobbink & Atkins, Rutherford,  
N. J.; Frank Davis, with the R. R.  
Davis & Co., Morrison, Ill.; H. H.  
Wenderoth, New York; Louis Bausch,  
er, Freeport, Ill.; Wm. Griesinger,  
Mont St. Amand, Ghent, Belgium; A.  
Colyn, representing C. Colyn & Son,  
Voorhout, Holland.

### Chicago Bowling.

On February 22, the Orchids won  
three games from the Violets, and the  
Carnations three from the Roses. The  
following table shows the number of  
games won and lost by each team to  
date:

|            | Won. | Lost. |         | Won. | Lost. |
|------------|------|-------|---------|------|-------|
| Orchids    | 43   | 14    | Roses   | 23   | 34    |
| Carnations | 29   | 28    | Violets | 19   | 38    |

Individual and team scores for games  
played February 22:

| Orchids.           |     |     | Violets.           |            |             |
|--------------------|-----|-----|--------------------|------------|-------------|
| Huebner            | 131 | 160 | 131                | Winterston | 114 58 81   |
| Zech               | 146 | 123 | 190                | Lieberman  | 132 124 99  |
| Graft              | 166 | 179 | 165                | Friedman   | 129 136 166 |
| Degnan             | 143 | 125 | 144                | Lorman     | 121 135 170 |
| Farley             | 178 | 143 | 139                | Riley      | 158 159 161 |
| Totals 764 820 769 |     |     | Totals 654 612 573 |            |             |

|                        |                        |
|------------------------|------------------------|
| Totals ..764 830 769   | Totals ..654 612 577   |
| Carnations.            | Roses.                 |
| Krauss ...149 189 114  | Wurst ... 62 57 70     |
| Ayers ...163 190 157   | Winterston 134 148 170 |
| Huebner ..192 107 105  | Klunder.. 115 129 158  |
| Schultz ...176 171 182 | Foster ...145 143 190  |
| A. Zech...170 166 187  | Wolff ...186 178 145   |

Totals .850 823 745 Totals .642 655 735

### Milwaukee.

STOCK MORE PLENTIFUL.

The bright weather has helped all  
stock along. Carnations and roses are  
of better quality and more of them and  
violets have taken a small drop in

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.19, 21 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

|                | Chicago, Mar. 1.             | Per doz.              |
|----------------|------------------------------|-----------------------|
| Roses, Beauty. | 36 in. ....                  | 5 00                  |
| "              | 30 in. ....                  | 4 00                  |
| "              | 24 in. ....                  | 3 00                  |
| "              | 18 in. ....                  | 2 00                  |
| "              | 12 to 15 in. ....            | 8 00 @ 10 00          |
| "              | Bride, Bridesmaid, select.   | 12 00 @ 15 00         |
| "              | medium                       | 6 00 @ 10 00          |
| "              | Killarney, select.           | 12 00 @ 15 00         |
| "              | medium and short             | 4 00 @ 10 00          |
| "              | My Maryland.                 | 6 00 @ 15 00          |
| "              | Perle                        | 4 00 @ 12 00          |
| "              | Richmond                     | 6 00 @ 15 00          |
| "              | White Killarney, select.     | 15 00                 |
| "              | medium                       | 8 00 @ 12 00          |
| "              | Carnations                   | 2 00 @ 3 00           |
| "              | fancy                        | 4 00                  |
| "              | Cattleyas                    | per doz., 3 00 @ 7 50 |
| "              | Gardenias                    | per doz., 3 00 @ 4 00 |
| "              | Dendrobium Formosum          | 5 00 @ 6 00           |
| "              | Dendrobium Nobile            | 2 00 @ 4 00           |
| "              | Freestias                    | 3 00 @ 4 00           |
| "              | Hyacinths, Roman             | 1 50 @ 2 00           |
| "              | Lilium Harrisii              | per doz., 1 50 @ 2 00 |
| "              | Lily of the Valley           | 3 00 @ 4 00           |
| "              | Mignonette                   | 3 00 @ 4 00           |
| "              | Narcissus                    | 3 00 @ 4 00           |
| "              | Sweet Peas                   | 75 @ 1 00             |
| "              | Tulips                       | 3 00 @ 4 00           |
| "              | Violets                      | 75 @ 1 00             |
| "              | Adiantum                     | per 100, 75 @ 60      |
| "              | Asparagus Plum, string, each | 50 @ 60               |
| "              | "                            | per bunch, 35 @ 50    |
| "              | Sprengeri                    | 3 00 @ 4 00           |
| "              | Boxwood                      | per case, 7 50        |
| "              | Ferns                        | per 100, 1 50         |
| "              | Smilax                       | per doz., 1 50        |
| "              | Wild Smilax                  | per case, 5 00        |

price. Bulb stock, mostly trumpets  
and daffodils, are arriving in quantity.  
American Beauties are still scarce.  
Lily of the valley and lilies enough to  
supply the demand. There are some  
very good sweet peas and plenty of  
short-stemmed which are being used  
to good advantage for funeral work.  
Plenty of green goods.

### NOTES.

Holton & Hunkel Co. have a fine crop  
of Killarney roses coming on which  
are being cut heavier every day. The  
lilies at their Brown Deer plant are  
fine and are selling readily at good  
prices. This firm is receiving some  
long-stemmed Killarney roses from A.  
Zender of Rogers Park, Ill.The Bowling Club has arranged a  
match with a picked team from Chi-  
cago which will take place at Steink's  
Alleys March 10. Quite a delegation  
from Chicago is expected.C. C. Follworth Co. is cutting heav-  
ily from their carnations and some  
good Killarney and Richmond roses.  
Currie Bros. Co. had a large number  
of funeral orders, among which was a  
casket cover of orchids and valley.

## WIETOR BROS.

Wholesale  
Growers of **Cut Flowers**All telegraph and telephone orders given  
prompt attention.

51 Wabash Ave., CHICAGO.



## A. L. Randall Co.

19-21 Randolph St.,  
CHICAGO.L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

## Geo. Reinberg

Wholesale Florist

35 Randolph Street, CHICAGO.

## U S Budlong's E Blue Ribbon Valley.

Aug. F. Kellner arranged the decora-  
tion for the annual Bachelor's Ball at  
the Duetscher Club February 21.M. A. McKenney & Co. are handling  
large quantities of bulb stock.Nic Zwiefel is cutting some very  
fine Enchantress, Beacon and Bright  
Spot.Mueller & Schroeder are commencing  
to cut a few fine snapdragons.J. M. Fox reports business brisk.  
G. R.



# Acacia Pubescens \$2.50 per bunch.

The most beautiful **yellow** flowers at this time of the year. It makes a very attractive and effective table decoration. Acacia is a novelty, as it can be had only a very short time in the year.

**THE LEO NIESSEN CO.,**

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

**Philadelphia, Pa.**

## Philadelphia. STOCK IMPROVING.

The bright sunny days of the past week are proving an important factor in the market, the increase in the quantity and quality of the stock being very apparent. Killarney roses, which are such a feature, are much improved, the color being several shades darker; in fact, all the roses are looking better and the increase in quality is at least 50 per cent. Carnations have also felt the impetus of the bright days, and the increased output has affected the price considerably, they being at least 25 per cent cheaper than last week. Violets are seen in quantity but so far have sold very well at perhaps a third less. All kinds of bulbous stock is offered at bargain prices. The daffodils are coming in large quantities, probably to get in before the southern stock makes its appearance and lowers the price. All the store windows are featuring blooming plants, choice Belgian azaleas, lilacs, Ghent and Japanese azaleas, dwarf apples, genistas, primulas and all kinds of bulbous stock in pans giving the stores an Easter appearance. Business the past week has kept the trade moving quite lively, the late social entertainments and balls being crowded in before the ashes of Wednesday were scattered about. Last Friday night the second assembly was held at the Bellevue-Stratford. Habermehls had the decorations, which were quite elaborate, as were those of a number of dinners given previous to the ball, at which there was quite an extensive use of flowers. Several important funerals also made a demand for choice flowers, so that there was not much for the street gentlemen on Saturday, who, by the way, were out ready to catch on to the first surplus in sight. With the advent of Lent all eyes will be on the lookout, or should be, for a grand Easter season, it is not too early to prepare for it, so as to have every line in working order for the event. A look among a few of the growers shows that they expect a big demand, there being a splendid stock in all the popular plants being brought forward. The middle of April is probably the best season to insure perfect stock without much forcing. We believe the assortment of plants to be offered for this season will exceed that of any other year in the history of the business, and the effort should be made by the retailer and grower to wake up the public mind to a more general observance of this flower festival of the year.

### NOTES.

The old and at one time famous carnation "belt" of Chester Co. has of late gone largely into mushrooms, in fact, it is stated on good authority, that at least half of the fresh mushrooms used in this country are supplied from this district. Many large and well built plants are owned by some who grow these esculents exclusively, while many carnation growers have taken them up as a side line, growing them at first under their carnation benches and later building sheds for their exclusive culture. So large has their production become, that at times in favorable weather the market is flooded, and very poor prices are the result. At a meeting of a number of those in-

## Wholesale Flower Markets

| PHILADELPHIA, Mar. 1. |             | Per 100   |
|-----------------------|-------------|-----------|
| Roses, Beauty, extra. | 50          | 00@275 00 |
| " " first.            | 25          | 00@350 00 |
| " " Brides and Maids. | 6           | 00@15 00  |
| " " Killarney.        | 4           | 00@25 00  |
| " " White Killarney.  | 4           | 00@15 00  |
| Cattleyas.            | 25          | 00@250 00 |
| Forget-me-nots.       | 1           | 00@76 00  |
| Gardenias.            | per doz., 2 | 00@4 00   |
| Lilac.                | per bunch.  | 75@1 00   |
| Lilium Harrisii.      | 8           | 00@125 00 |
| Lily of the Valley.   | 3           | 00@2 50   |
| Mignonette.           | 5           | 00@2 80   |
| Snapdragons.          | 10          | 00@25 00  |
| Sweet Peas.           | 40          | 00@3 00   |
| Violets.              | 500         | 00@1 00   |
| Adiantum.             | 750         | 00@1 00   |
| Asparagus.            | per bunch.  | 50        |
| Smilax.               | 15          | 00@20 00  |

| PITTSBURG, Mar. 1.      |             | Per 100   |
|-------------------------|-------------|-----------|
| Roses, Beauty, special. | 25          | 00@35 00  |
| " " extra.              | 15          | 00@20 00  |
| " " No. 1.              | 10          | 00@12 00  |
| " " Bride, Bridesmaid.  | 2           | 00@2 80   |
| " " Chateaux.           | 2           | 00@2 80   |
| " " Killarney.          | 2           | 00@2 80   |
| " " My Maryland.        | 2           | 00@2 80   |
| " " Richmond.           | 2           | 00@2 80   |
| Carnations.             | 2           | 00@2 80   |
| Cattleyas.              | 40          | 00@250 00 |
| Lilium Longiflorum.     | 10          | 00@12 00  |
| Lily of the Valley.     | 3           | 00@2 50   |
| Paper Whites.           | 4           | 00@3 00   |
| Romans.                 | 2           | 00@2 00   |
| Sweet Peas.             | 50@         | 1 00      |
| Adiantum.               | 1           | 50        |
| Asparagus.              | per bunch.  | 50        |
| " " strings.            | per string. | 50        |
| " " sprays.             | per bunch.  | 50        |
| Smilax.                 | 15          | 00        |

terested in the industry, who had gotten together to see what could be done to improve the situation, it was concluded that it would be better to have a selling committee whose business it would be to regulate the shipments and also their destination, as at times some markets are much better than others, and if they were better distributed the returns were likely to be more satisfactory. It was stated that when the price fell below 25c per pound, there was but very little if any profit, and it was determined when this condition developed, shipments should cease until a demand was created at a better price. Official government reports show that over one million dollars worth of canned or bottled mushrooms are imported from France annually, and it is proposed to form a stock company and erect a factory for this purpose in the vicinity of Kent Square, which town is about the center of the industry, and have the surplus bottled or canned to compete with the imported stock. They see no reason why this is not entirely feasible as it will, if successful, not only strengthen the market, but widen it very materially, as the preserved stock can be shipped all over the country, and if it can be sold as cheaply as the imported will crowd it out of the market. Another innovation is the forming of a company for the manufacture of spawn. This has been largely imported, and of late has been grown successfully in this country. As so much is used in this neighborhood, enterprising men interested in the business, see in this a profitable venture, and before long it is thought the company will be organized and have a plant in working order, turning out high grade spawn. K.

## FANCY

# Valley Violets, Lilacs

**THE McCALLUM CO., Inc.**  
PITTSBURG, PA.

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Gladiolus America, Tulips,  
Spanish Iris, etc., in season.

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Lily of the Valley, Carnations and all Tea Roses,

In lots of one hundred to one thousand. Phone or wire us.

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Extra large, heavy strings 50c each.

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Boston.

TRADE QUIETER.

Business has dropped a few points, and material is more plentiful. Roses, although not in crop yet, are not so scarce and trade on them has fallen off a little. White roses still continue to be short in supply. There has been quite a few Bridesmaid this winter which have sold well, they have even held their own since last fall, and in the dark weather have had a wonderful color. If a perfume could be given the Bridesmaid, it would give the others a hard run. The Bride roses have been remarkable for the large full heads and the pink tinge so often seen in a well grown flower.

NOTES.

The mid-winter show of the Massachusetts Horticultural Society was held February 24-26. The exhibits were contained in one hall. The time was when it was hard to even get a brass medal, now bronze and silver medals seem to be quite plentiful—only rare or new flowers received the honor, but it seems the importance of a medal has been overlooked. Some of the exhibits noted were: Cinerarias, Mrs. J. L. Gardner; cyclamens, Wm. Whitman. Mrs. J. L. Gardner, Mrs. Fred Ayres; well-grown Primula Kewensis from Winthrop Ames and Mrs. Fred Ayres; Primula Obconica were good, Winthrop Ames and J. L. Gardner; narcissus, Wm. Whitman and Mrs. J. L. Gardner; orchids, from Dr. C. G. Weld, J. T. Butterworth and E. B. Dane; roses, from Montrose Greenhouses. Bronze medal for a nice display of hard-wooded plants from Mrs. Fred Ayres. Wm. Sim, nice display of sweet peas and violets. A nice display of apples and pears. Display of spring flowers from Wm. Whitman. A very nice collection of orchids was put up by W. A. Manda, South Orange, N. J. A handsome plant of Cymbidium Traceyanum received a silver medal for culture. This came from J. R. Leeson, Newton Centre, and was a credit to the grower.

President Butterfield of the Massachusetts Agricultural College, along with the trustees of the school, appeared before the committee on agriculture February 21 and spoke for appropriations to more than the \$400,000. President Butterfield said the college desires \$232,000 under its regular appropriation bill, an increase of \$90,000 over the amount appropriated last year, and \$187,000 for special purposes not included in the regular budget. That is quite a bunch of money for one school to have, whether

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# Wholesale Flower Markets

| BOSTON, Mar. 1.          |    | Per 100  |
|--------------------------|----|----------|
| Roses, Beauty, best      | 60 | 00@75 00 |
| " " medium               | 25 | 00@35 00 |
| " " culls                | 6  | 00@8 00  |
| " " Bride, Bridesmaid    | 2  | 00@8 00  |
| " " Extra                | 8  | 00@16 00 |
| " Killarney and Richmond | 8  | 00@16 00 |
| " My Maryland            | 4  | 00@16 00 |
| " " Crot.                | 2  | 00@3 00  |
| Carnations, select       | 2  | 00@3 00  |
| " " fancy                | 3  | 00@4 00  |
| Callias                  | 8  | 00@12 00 |
| Calliopsis               | 35 | 00@50 00 |
| Chrysanthemums           | 8  | 00@35 00 |
| Gardenias                | 25 | 00@35 00 |
| Lilium Longiflorum       | 8  | 00@10 00 |
| Lily of the Valley       | 2  | 00@4 00  |
| Violets                  | 10 | 00@75 00 |
| Smilax                   | 12 | 00@16 00 |

| ST. LOUIS, Mar. 1.        |    |          |
|---------------------------|----|----------|
| Roses, Beauty, long stems | 40 | 00@50 00 |
| " " medium stems          | 20 | 00@25 00 |
| " " short stems           | 2  | 00@4 00  |
| " " Bride, Bridesmaid     | 5  | 00@8 00  |
| " " Killarney             | 5  | 00@8 00  |
| " " My Maryland           | 5  | 00@8 00  |
| " " Richmond              | 2  | 00@8 00  |
| Carnations                | 2  | 00@3 00  |
| Easter Lilies             | 12 | 50@15 00 |
| Valley                    |    | 4 00     |
| Adiantum                  |    | 1 25     |
| Asparagus Sprengerii      | 2  | 00@3 00  |

or not it is worth it is a question that has agitated many minds. I never have heard whether the florists or the farmers get that amount of good out of it.

It is reported in the daily papers that robins have been seen in Greater Boston in large numbers, with the breaking up of the weather, we are liable to have an early spring, which will make it more pleasant for the visitors who come to the welcoming arms of the Hub. Every person in the trade and allied trades ought to do all they can for the comfort of visitors who may come at that time. Boston has been declared by some to be a cold frigid place in which to get acquainted, but in the florist trade visitors, I am sure, have always found it hospitable, and let us hope next month will be no exception.

The glass situation is still booming. Talking with Wm. Burke, manager for the Boston Plate Glass Co., he informs me that he has already, within the past few weeks, sold 10,000 boxes of glass. Here is certainly a record for that time in Boston. Mr. Sanborn of the Stearns Lumber Co. states that his company is booking orders for more than their company ordinarily does at this season.

John McFarland, North Easton, is bringing in to the market some nice calandula. It is a novelty and sells at sight.

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Dagger and Nancy Ferns \$1.00 per 1000. Green and Bronze Galax, 30c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

# Geo. H. Angermueller,

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St. Patrick's Carnation Fluid (for coloring carnations green. Per quart, \$1.00) (per pint, 50c).

Donald Carmichael's Mrs. Lawson carnations are very nice, good color, size of flower, and length of stem are good.

Wm. Morris of Wellesley has eliminated his steam boiler troubles by installing a Morehead trap.

N. F. McCarthy & Co. report their shipping business good with January ahead of last year.

Robinson & Co. report good business, especially in their wire and supply department.

Welch Bros. report good business on orchids and roses.

Weather unsettled.

MAC.



## NOTICE!

We wish to announce the opening of our Auction Department early in March. If you have Surplus Stock, send same to us and we will convert it into cash for you.

To insure bringing top prices, let us know what you have to consign so that we may advertise same and advise you as to the manner of packing and shipping goods for auction.

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Near Greenwich Street.

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A. MacNiff, President and Auctioneer,

LOUIS SCHULTZ, JR., Secretary.

### New York. MORE STOCK.

Slightly warmer weather is prevailing, sunshine is becoming a bit more in evidence and flowers of all sorts are beginning to get a little more plentiful, not enough, though, to effect much of a break in the market values as yet. American Beauty roses are perhaps the scarcest flower in the market. Killarney, Bride, Bridesmaid, My Maryland and Richmond are all on the increase in supply. The best grades of white roses are not averaging as well as the pink. On the other hand, the short grades of the white roses will probably average better than the pink of same length of stem, owing, no doubt, to the demand being principally for funeral work. Carnations are on the increase and a tendency to corner prices is very apparent. White sorts seem to have the preference just now. There are a few more gardenias coming in than there were. The demand keeps up fairly good, however, and no change in values has occurred. Violets are much heavier in supply. They have not cleared out well for some days and prices have quite a wide margin. Sweet peas also are more numerous and, in many cases, the quality is improved also. There is a nice demand right along, however, and clearances are the rule. Lilies continue to sell well, the rubrums as well as the white being in good demand. Freesia is clearing out quite satisfactorily, averages will likely be better this week than last. Tulips are quite plentiful and a tendency to lower prices is noted, though they sell out fairly well from day to day. Narcissus of the various kinds are holding up their values quite well, and there are many coming in every day. Lily of the valley is rather too plentiful for the demand, and prices are variable. Cattleyas are plentiful, good sized blooms can be disposed of fairly well, but the smaller flowers cannot be quoted as having any fixed value. Callas, not being so numerous, clear out regularly.

### NOTES.

Matthew Sampson, who for 14 years has been one of the salesmen for "Noe's" in the New York Cut Flower Co., has been appointed manager to fill the place of the late J. F. McConnell. Mr. Sampson has the best wishes of his many friends over his preferment and his long experience with the firm qualifies him for handling his charge successfully. R. Contellon, of the office staff of the Cut Flower Co., has joined the "Noe" forces as salesman.

The New Jersey Plant Growers' Market Association will open their early morning market about April 1 under the Fifty-ninth street bridge, between First and Second avenues, a three months' lease of the quarters there having been secured. It is believed that holding the market there will be far more comfortable than being under a tent, as has been the custom for several years.

The approaching annual dinner of the New York Florists' Club is a chief topic of interest. There seems to be a general feeling of approval over "Shanley's" being selected as the place to hold this annual event. The committee is receiving many applications for entire tables and it looks as though this was going to be the best attended dinner the club ever had.

Kessler Bros. have leased from John Nicholas, the two stores, 111 and 113 West Twenty-eighth street. They will also have the greenhouses which are to be built in the rear of these two stores. The Growers' Cut Flower Co. have leased one of the stores from Kessler Bros. It is expected that the building will be ready for occupancy by May 1.



Fred Sander, Sr. Albans, Eng.

Revisiting the United States After Interim of Twenty Years.

Percy B. Rigley, manager of Pen-nock-Meehan's New York store, together with Mrs. Rigley, leave for Florida Saturday, March 4. Mr. Rigley will return in time to attend the Florists' Club dinner. His wife will remain for an extended visit with her parents, who are residents of that southern state.

A meeting of the American Rose Society was held in Traudly & Schenck's offices Friday, February 24. Among those in attendance were: R. Simpson, A. Farenwald, W. H. Elliott and Sec. B. Hammond.

C. F. Drawiel, who for the last 22 years has conducted a retail business in the block between Eighth and Ninth street, Fifth avenue, Brooklyn, has decided to sell out and retire from business.

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**E Blue Ribbon Valley.**

Fred Sander, of Sander & Sons, St. Albans, England, is here on a visit, the guest of Julius Roehrs, Rutherford, N. J. It is 20 years since Mr. Sander was in America before.

Young & Nugent expect to open their new up town store, Sixty-seventh street and Madison avenue, Saturday, March 4.

H. Frank Darrow, accompanied by Mrs. Darrow, left for Bermuda on Saturday last.

John F. Sharkey has closed his retail store at Forty-sixth street and Sixth avenue.

Visitors: W. H. Elliott, Brighton, Mass.; A. Farenwald, Philadelphia, Pa.

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Consignments Solicited

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|                                    |             |
|------------------------------------|-------------|
| NEW YORK, Mar. 1.                  | Per 100     |
| Roses, Beauty, special.....        | 50 00@75 00 |
| " extra and fancy.....             | 20 00@40 00 |
| " No. 1 and No. 2.....             | 5 00@ 8 00  |
| " Bride, Bride-maid, special.....  | 8 00@10 00  |
| " extra and fancy.....             | 5 00@ 6 00  |
| " No. 1 and No. 2.....             | 2 00@ 4 00  |
| " Killarney, My Mary Ind. spl..... | 8 00@10 00  |
| " extra and fancy.....             | 4 00@ 6 00  |
| " No. 1 and No. 2.....             | 2 00@ 4 00  |
| " Richmond.....                    | 3 00@12 00  |
| Carnations.....                    | 2 00@ 4 00  |
| Callas.....                        | 12 00@15 00 |
| Cattleyas.....each.....            | 25@ 60      |
| Gardenias.....per doz.....         | 2 00@ 6 00  |
| Lilium Longiflorum.....            | 8 00@10 00  |
| Lily of the Valley.....            | 1 00@ 3 00  |
| Narcissus P. White.....            | 2 00@ 2 50  |
| " Yellow.....                      | 2 00@ 3 00  |
| Roman Hyacinths.....               | 2 00@ 2 50  |
| Sweet Peas.....per doz. bchs.....  | 75@ 2 10    |
| Tulips.....                        | 2 00@ 5 00  |
| Violets.....                       | 3 50@ 50    |

|                                  |             |
|----------------------------------|-------------|
| BUFFALO, Mar. 1.                 | Per 100     |
| Roses, Beauty, special.....      | 40 00@50 00 |
| " fancy.....                     | 30 00@35 00 |
| " extra.....                     | 20 00@25 00 |
| " No. 1.....                     | 10 00@15 00 |
| " No. 2.....                     | 5 00@ 7 00  |
| " Bride, Maid, Killarney.....    | 6 00@15 00  |
| " Killarney, White and Pink..... | 6 00@15 00  |
| Carnations.....                  | 2 00@ 4 00  |
| Callas.....                      | 12 00@15 00 |
| Double Von Sion.....             | 3 00@ 4 00  |
| Lilium Longiflorum.....          | 12 00@15 00 |
| Lily of the Valley.....          | 3 00@ 4 00  |
| Mignonette.....                  | 3 00@ 4 00  |
| Narcissus Paper Whites.....      | 2 00@ 3 00  |
| Sweet Peas.....                  | 50@ 1 00    |
| Trumpet Major.....               | 2 00@ 3 00  |
| Tulips, Murillo.....             | 4 00@ 5 00  |
| Tulips, Single.....              | 3 00@ 4 00  |
| Violets.....                     | 50@ 75      |
| Adiantum Crenatum.....           | 75@ 1 50    |
| Asparagus, per bunch.....        | 35@ 50      |
| Asparagus Sprengeri.....         | 35@ 50      |
| Asparagus Str.....               | 50@ 60      |
| Ferns.....per 1000.....          | \$2 00      |
| Galax, green and bronze.....     | 1 50        |
| Leucothoe Sprays.....            | 75          |
| Smilax.....                      | 15 00       |

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# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Spaghnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

### Washington.

#### FAIR SUPPLY.

Business is good. During the past week there were many high class decorations that called for a large amount of fine stock. The local supply of roses and carnations is rather light at present, but the stock that is shipped in from other points keeps up a fair supply. There are plenty of what are generally termed spring flowers on the market and the present mild weather promises to bring in more of them at an early date. In addition to a good supply of tulips and narcissus very fine stock of snapdragons is now seen. Primroses are plentiful and the blooms are frequently cut and used in table decorations. There are but few good white lilies on the market, but there are all the L. rubrums that are needed. The supply and quality of callas is fair and they are in constant demand. Orchids are off crop with the local growers, but there seems to be enough on the market to supply all demands. Sweet peas and single violets continue plentiful.

#### NOTES.

A. Gude & Bro. executed a very elaborate decoration on February 23, at the home of J. Van Vetchen Olcott, a retiring congressman from New York City. It was in the nature of a farewell entertainment. Many blooming plants and several thousand pink roses were used in the decoration in addition to other decorative stock. This firm has had many other decorations this season, a very recent one being for a wedding in which 1,000 Bride roses were used.

The Washington Florists Co., of which J. Louis Loose is president, and Otto Bauer, manager, has recently been showing very fine window decorations, for which the location of their main store is admirably adapted. At their other store, 14th and R streets, they also make a fine display.

It has been supposed that the ticket nominated at the Florists' meeting early this month would have smooth sailing, but it now develops that there are three independent candidates in the field for president, with a possibility of later returns coming in.

C. Ponnett, who has a large space in the Center Market and extensive greenhouses at Alexandria, Va., is showing fine stock in both cut flowers and flowering plants.

The Avenue Floral Co., which recently opened a nice store at 1734 Pennsylvania avenue, N. W., has nurseries at Congress Heights, where they grow privet and other nursery stock.

The lease, good will and fixtures of the American Rose store, 909 F street, N. W., are offered for sale. This store was formerly the retail department of the American Rose Co.

### Wild Smilax

Fresh from woods.  
60 lb. case \$5. Let  
us figure with you  
on car lots.

### Fancy and Dagger Ferns,

Strictly fresh picked clean and crisp.  
No waste: 10,000 to case, \$1.25 per 1000.  
Strictly cash with order.

Neff National Floral Co.,  
Bellevue, Pa.

### Southern Wild Smilax

Now ready for shipment.

### Perpetuated and Natural Sheet MOSSES

Satisfaction guaranteed.

E. A. BEAVEN, Evergreen, Ala.

Alexander E. Garden is particularly strong on carnations this season. His Beacons are acknowledged to be the best on the market and he has many others.

F. H. Kramer's greenhouses show very fine stock of Bride and Bridesmaid roses. A. F. F.

Brampton, Ont.

After a very long spell of dull, windy weather extending over a period of three months, we are at last enjoying a respite, and the sun accounts for the cutting of 50,000 violets per day at the Dale Estate greenhouses as against 15,000 on even the biggest day of the entire season. Such violets have never been seen in Canada before, many of them measuring 1 1/4 inches across with stems 13 inches long. Carnations are proving a great success this season, and complaints as to their keeping qualities have never been so scarce. The propagating section is particularly busy nowadays. The demand for all kinds of green has been heavy during the year. Roses are well on the way for the next holiday trade, and the present available supply is more in keeping with requirements than has been the case for many weeks past. The Dale Estate imported seven carloads of valley pips from Germany at the beginning of the year and has kept up its reputation as the home of the finest valley in North America. W. G. P.

NEW YORK.—The property owners in Columbus avenue between Sixty-sixth and Eighty-sixth streets have formed the Columbus Avenue Association, for the purpose of civic improvement, and have elected Charles A. O'Reilly, the well-known florist, president.

### 50-lb. case

## Extra Fine SMILAX

\$2.00 per case

QUALITY GUARANTEED

When in need of extra good Smilax in any quantity, write or wire

Henry M. Robinson & Co.  
MINTER, ALA.

You can rest assured that all orders placed with us will be filled to your entire satisfaction.

Unknown customers, satisfactory references or C. O. D.

### George Cotsonas & Co.

Wholesale and Retail Dealers  
in all kinds of

#### Evergreens

Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.

Delivered to all parts of United States and Canada  
127 W. 28th St., bet. 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

NOW READY FOR SHIPMENT.

### Southern Wild Smilax

Can fill all orders, large or small, promptly.

Give us a trial. We know we can please you.

Galdwell the Woodsman Co., Evergreen, Ala.

### MOSS AND PEAT

Carefully selected fresh stock.  
Spaghnum Moss, burlapped; no dirt, roots or sticks.

10 bbl. bales .....\$4.00 per bale

5 bbl. bales ..... 2.25 per bale

Rooted Peat, .....50c per sack


"Not how cheap—but how good."

J. H. SPRAGUE, Barnegat, N. J.

# The "Spencer" Type of Sweet Peas

## Burpee's Special Re-Selected Stocks for 1911

"Spencer" Sweet Peas are a great specialty with us! We were the first to grow the seed in America—the stock having been entrusted to us before introduction, even in England, of the original **Countess Spencer**. We have grown "the original Beauty" and its many "sportive" children with painstaking care each season since. There are but few other growers who can supply an equal assortment of **True Re-selected "Spencers"** that are uniformly of such choice quality. Seedsmen and Florists can see how superior our stocks now are by the trials at **Fordhook Farms** next June or July, while those who may be in California are invited also to inspect the growing crop at our **Floradale Farm** in the beautiful Lompoc Valley. Every planter's garden, however, is really a trial ground, and we shall be quite content if any "Doubting Thomas" will send us only a portion of his order and **note the difference** in character of flowers produced.

 You can buy so-called "Spencer" Sweet Peas at half our price—but the result will only be disappointment—and when in flower you will surely admit that you would gladly have paid **even double our prices** to have had the **Burpee-Quality** of the **True Spencer Type!**

|                                                                                                                       | Per pkt. | Per oz. | Per ¼ lb. | Per lb. |
|-----------------------------------------------------------------------------------------------------------------------|----------|---------|-----------|---------|
|                                                                                                                       | \$0 15   | \$1 00  |           |         |
| 1313 <b>America Spencer.</b> Red flakes on white ground.....                                                          | 10       | 25      | \$0 75    | \$2 50  |
| 1333 <b>Asta Ohn.</b> A charming soft lavender.....                                                                   | 10       | 35      | 1 00      | 3 50    |
| 1334 <b>Apple Blossom Spencer.</b> Of the same coloring as the popular <i>Apple Blossom</i> .....                     | 10       | 45      | 1 25      | 4 50    |
| 1335 <b>Aurora Spencer.</b> An exact counterpart of <i>Burpee's Aurora Sweet Pea</i> .....                            | 10       | 25      | 75        | 2 50    |
| 1338 <b>Beatrice Spencer.</b> White ground, tinted with pink and buff.....                                            | 10       | 20      | 60        | 2 00    |
| 1339 <b>Countess Spencer.</b> A soft rose-pink.....                                                                   | 15       | 75      |           |         |
| 1340 <b>Constance Oliver.</b> Delicate pink, suffused cream.....                                                      | 15       | 85      | 2 75      | 10 00   |
| 1341 <b>Dainty Spencer.</b> White, edged with rose.....                                                               | 15       | 1 50    |           |         |
| 1349 <b>Emily Eckford Spencer.</b> Rosy mauve, changing to blue.....                                                  | 25       |         |           |         |
| 1343 <b>Ethel Roosevelt.</b> Pink flakings or stripes on cream ground. Half-size packet (10 seeds), 15c.....          | 10       | 50      | 1 50      | 5 00    |
| 1344 <b>Flora Norton Spencer.</b> A beautiful shade of lavender.....                                                  | 10       | 20      | 60        | 2 00    |
| 1345 <b>Florence Morse Spencer.</b> A light pink-edged <i>Countess Spencer</i> .....                                  | 25       |         |           |         |
| 1346 <b>Florence Nightingale.</b> The best lavender <i>Spencer</i> . Half-size packet (10 seeds), 15c.....            | 10       | 25      | 75        | 2 75    |
| 1347 <b>George Herbert.</b> Bright rosy carmine.....                                                                  | 10       | 20      | 60        | 2 00    |
| 1348 <b>Helen Lewis.</b> Crimson-orange; wings orange-rose.....                                                       | 10       | 25      | 85        | 3 00    |
| 1352 <b>King Edward Spencer.</b> Deep carmine-scarlet.....                                                            | 10       | 40      | 1 10      | 4 00    |
| 1353 <b>Lovely Spencer.</b> Similar in color to the original " <i>Lovely</i> ".....                                   | 15       | 50      | 1 35      | 5 00    |
| 1354 <b>Mrs. A. Ireland.</b> Buff ground suffused rose.....                                                           | 15       | 85      | 2 75      | 10 00   |
| 1355 <b>Marie Corelli.</b> Brilliant rose-carmine.....                                                                | 15       | 40      | 1 10      | 4 00    |
| 1358 <b>Mrs. C. W. Breadmore.</b> Buff ground, edged with pink.....                                                   | 10       | 35      | 1 00      | 3 50    |
| 1359 <b>Mrs. Routzahn.</b> Apricot, suffused with pink.....                                                           | 10       | 20      | 60        | 2 00    |
| 1360 <b>Mrs. Sankey Spencer.</b> Black-seeded White <i>Spencer</i> .....                                              | 10       | 35      | 1 00      | 3 50    |
| 1361 <b>Othello Spencer.</b> Rich deep maroon.....                                                                    | 10       | 30      | 85        | 3 00    |
| 1362 <b>Mrs. Hugh Dickson.</b> Rich pink-apricot on cream ground. <i>Packets only, 15c.</i> .....                     | 10       | 20      | 60        | 2 00    |
| 1364 <b>Paradise Ivory.</b> Flushed rose on primrose ground.....                                                      | 10       | 20      | 60        | 2 00    |
| 1366 <b>Burpee's Primrose Spencer.</b> (Re-selected).....                                                             | 10       | 20      | 60        | 2 00    |
| 1368 <b>Purple Prince Spencer.</b> Standard purple-maroon; wings rosy-purple. <i>Packets only, 15c.</i> .....         | 10       | 50      | 1 75      |         |
| 1369 <b>Queen Victoria Spencer.</b> Deep primrose flushed with rose.....                                              | 10       | 30      | 85        | 3 00    |
| 1370 <b>Ramona Spencer.</b> Striped bluish pink on white ground.....                                                  | 15       | 65      | 2 00      | 7 50    |
| 1373 <b>Senator Spencer.</b> Deep claret stripes on heliotrope ground.....                                            | 10       | 50      | 1 75      |         |
| 1374 <b>Tennant Spencer.</b> <i>Spencer</i> form of <i>Dorothy Tennant</i> .....                                      | 10       | 35      | 1 00      | 3 50    |
| 1380 <b>Waverly Spencer.</b> Purplish maroon.....                                                                     | 15       | 85      | 2 75      | 10 00   |
| 1375 <b>W. T. Hutchins.</b> Cream, margined with bluish-pink.....                                                     | 10       | 20      | 60        | 2 00    |
| 1376 <b>Burpee's White Spencer.</b> (Re-selected).....                                                                | 10       | 20      | 60        | 2 00    |
| 1381 <b>Surprisingly Superb New "Spencer" Seedlings.</b> A grand mixture of varieties of the true "Spencer" type..... | 10       | 20      | 60        | 2 00    |

 The above prices are **net** to florists, except **prices per pkt.**, which are subject to **33 ⅓ per cent discount.**

## Burpee's Blue List for 1911

A complete catalogue of 146 pages, for Florists and Market Gardeners, will be mailed upon application, but only to those entitled to receive it. Our Retail Catalogue is free to everyone.

**W. ATLEE BURPEE & CO., Philadelphia, Pa.**





# James Vick's Sons, Largest Growers of High Grade Aster Seed in the World, Rochester, N. Y.

We have grown Asters longer, introduced more varieties, grow larger quantities and sell to more Seedsmen and Florists than any other Aster grower in America.

## Vick's Imperial Rose

This illustrates one of the newest of half a dozen varieties from the same family as Daybreak and Purity. A deep rich rose color. One of the best recent introductions.

### Prices:

|           |        |
|-----------|--------|
| 1-16 oz., | 20c    |
| 1-8 oz.,  | 35c    |
| 1-4 oz.,  | 65c    |
| 1-2 oz.,  | \$1.20 |
| 1 oz.,    | 2.00   |

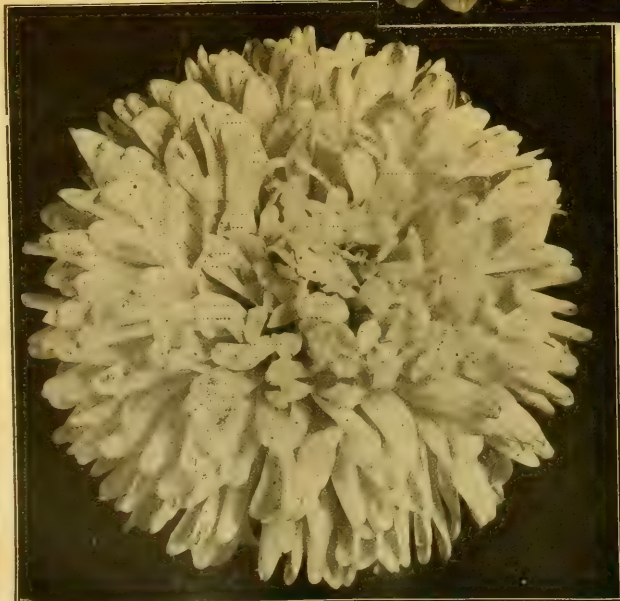


## Vick's Early Upright

Numerous readers of THE AMERICAN FLORIST will recognize this as a popular novelty of last year. Many Florists claim they got more flowers, larger blooms and longer stems than they could grow of other early kinds, because it grows as vigorously and yields as abundantly as many of the late Asters. The flowers are solid, ball shaped and considerably above the average in size. A medium early variety which has been a money maker wherever tried. Two colors, white and lavender pink.

### Prices:

|           |        |
|-----------|--------|
| 1-32 oz., | 25c    |
| 1-16 oz., | 40c    |
| 1-8 oz.,  | 60c    |
| 1-4 oz.,  | \$1.00 |
| 1-2 oz.,  | 1.75   |
| 1 oz.,    | 3.00   |



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## Vick's Mikado Pink

The Rochester.

One of the most beautiful Asters ever introduced. Selected by the Chamber of Commerce as the official flower of Rochester, and renamed by us at their request. A mid-season, freely blooming large flowering variety.

### Prices:

|           |        |
|-----------|--------|
| 1-64 oz., | 20c    |
| 1-32 oz., | 30c    |
| 1-16 oz., | 45c    |
| 1-8 oz.,  | 75c    |
| 1-4 oz.,  | \$1.25 |
| 1-2 oz.,  | 2.25   |
| 1 oz.,    | 4.00   |

## Vick's Violet King

Introduced by us several years ago. Catalogued now by all leading seedsmen. Habit is similar to Vick's Late Branching, vigorous growth with long, stiff stems. Flowers resemble the quilled varieties, but much larger and broader, the inner petals being fantastically twisted, curled and incurved, completely covering the crown.

Prices: 1-16 oz. 20c; 1-8 oz. 30c; 1-4 oz. 50c; 1-2 oz. 80c; 1-oz. \$1.50

Our "Aster Book for Florists" containing full descriptions of these and all the other leading varieties, will be mailed free to Florists and commercial growers only.

Our booklet "How to grow Asters" price 10c. free with every order of Aster Seed.

JAMES VICK'S SONS,  
Rochester, N. Y.





*Dennison*  
QUALITY

## Dennison FLORIST TAGS

Easter in 1911  
falls on April 16

Dennison Florist Tags are being made for the Easter season in a wonderful array of special designs. Write the nearest Dennison store or office for samples and prices. Sketches furnished on request.



Dennison Florist Tags can be printed with special trade-mark, crest or flower in many colors and embossed if wanted. The stock, especially prepared for the florist's needs, cannot be spotted or stained by water.

**Dennison White Tag Envelopes** to hold the card of the sender, can be attractively printed with the special designs to conform with the tags used.



*Penn.* *The Florist*

43 Bromfield St. **BOSTON.**

*Dennison Manufacturing Company*

**BOSTON**  
26 Franklin Street

**CHICAGO**  
25 Randolph Street

**THE TAG MAKERS**  
**NEW YORK**  
15 John Street  
15 West 27th Street

**PHILADELPHIA**  
1007 Chestnut Street

**ST. LOUIS**  
413 No. Fourth Street

# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.  
— Deliveries in —

NEW YORK, LONG ISLAND and NEW JERSEY.  
Mention the American Florist when writing



2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

Indianapolis, Ind.

**Bertermann Bros. Co.**  
**FLORISTS**  
.....241 Massachusetts Ave.

Denver, Colo.

**The Park**  
....Floral Co.

J. A. VALENTINE, President.

Philadelphia.

**Robert Kift,**  
1725 Chestnut St.  
Personal Attention to all Orders.

Atlanta, Ga.

**Atlanta Floral Co.**  
41 Peachtree Street.

St. Louis, Mo.



**Floral Designs**  
a Specialty

Phones: REEL TYLER 1104  
CRIN. CENTRAL 4131

3520 North Grand Ave.

....Wagon and Automobile Service.

**Washington,**  
**D. C.**

14th and M Street



Also

1601 Madison Ave.

**Baltimore, Md.**

J. DAN BLACKSTONE

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock: the greatest variety. Wire, wire or phone. We are alive night and day.

New York and Washington, D.C.

**J. H. Small & Sons**  
**FLORISTS**  
New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D. C.: Cor. 14th and G Sts.

New York.



2654 Broadway. Tel. Riverside 8730.  
Will carefully execute and deliver orders in any part of New York and to out-going steamships.

New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST  
Also Manufacturer of ARTIFICIAL FLOWERS,  
158 EAST 110TH STREET:  
Bet. 3rd and Lexington Aves. Tel. 5633 Harlem.



Kansas City, Mo.

**WILLIAM L. ROCK**  
**Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Mention the American Florist when writing

Omaha, Neb.

**Hess & Swoboda**

**FLORISTS,**

1415 Farnum St. TELEPHONES  
1501 and 1583

Mention the American Florist when writing

Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dia. Phones

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.

Mention the American Florist when writing



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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Brooklyn, N. Y.



319 MAIN PHONE.  
272 Fulton Street.

All orders by mail, telegraph, etc., will receive careful attention and prompt delivery anywhere in Greater New York, Long Island and New Jersey. Established 1874.

Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

Dallas, Texas.

**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

Washington, D. C.

**GEO. H. COOKE**  
FLORIST

Connecticut Avenue and I Street.

Rochester, N. Y.

**J. B. KELLER SONS,**  
FLORISTS  
25 Clinton Avenue, N.

Rochester Phone 506. Long Dist. Bell Phone 2189

St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST.

Kansas City, Mo.

**Geo. M. Kellogg**  
**Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut Flowers, Funeral Designs, Kansas City and Wedding and Birthday Gifts Pleasant Hill, Mo. that may be entrusted to them

St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,

Regular discount allowed on all orders, either Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

**Young & Nugent**

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out of town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

**FLORIST**

60 KEARNEY STREET.

Rockford, Ill.

**H. W. Buckbee**

Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

**ALFRED HANNAH & SONS.** Will fill your orders for Designs and Cut Flowers in Michigan

Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN.

Indianapolis.

Flowers are coming in more plentiful. This week finds the florists very busy on account of the automobile show. Every automobile salesman in town is having more or less decorating done. Some of them are very extensive, consequently all the decorators will be busy.

## NOTES.

Smith & Young Co. are cutting some fine sweet peas with stems 14 inches long and they will soon have plenty of roses, if the weather continues to be fine.

The new boulevard is to be built on the north edge of town. It will take about 25 feet of Baur & Smith's ground on Thirty-eighth street side.

Albert Pittet's new sweet pea is certainly fine, a very light pink with fringed edge, the flowers will bring three or four cents.

Albert Marshall, formerly with Pahud Floral Co., will take a position with A. Wiegand & Sons March 1. The Pahud Floral Co. expects to rebuild this summer with a probable cost of \$10,000.

Peter Wieland was a visitor last week. He reports business in his line very good. C.

SHEBOYGAN, WIS.—Otto Schucht, who has been in business for 42 years and is now nearly 83 years of age, conducts his business with as much vigor as ever. On February 21 he celebrated his golden wedding anniversary.

Boston, Mass.



"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We cover all points in New England.

43 BROMFIELD STREET.

Mention the American Florist when writing

New York.

Established 1849

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones: 1552-1553 Columbus. Choice Cut Flowers  
Mention the American Florist when writing

Louisville, Ky.

Established 1880

Orders for delivery in this city and every city in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers.

.....223 S. Fourth Avenue

Mention the American Florist when writing

Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance Phone.

Grand Rapids, Mich.

**ELI CROSS**

Wholesale and Retail Florist

25 Monroe St.

Mention the American Florist when writing

Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut Flowers in Iowa and the Middle West.  
Mention the American Florist when writing

Anderson, S. C.

**THE ANDERSON FLORAL CO.**

533 MARSHALL AVE.

Mention the American Florist when writing

Michigan.

Orders will be carefully cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS  
Mention the American Florist when writing

# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



WASHINGTON

D. C.

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

FLORISTS.

Phones: Home 1388, Cumb. Main 1388 A.  
.....634 Fourth Avenue?

New York.

Established 1874.

**DARDS**

N. E. Corner 44th St.

and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Mention the American Florist when writing

City Index to Retail Florists

Filling Telegraph Orders.

Albany, N. Y.—Eyras, 11 N. Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lopes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Eli Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Gentry Bros.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2854 E'way.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis, Mo.—Mullanphy Florist.  
St. Louis, Mo.—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heintz & Son.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL.  
Western Union Code.

Mention the American Florist when writing

Chicago.

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.  
Write, Telegraph or Telephone:

Los Angeles, Calif.

**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty. 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**  
96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N. Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duran, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention at Milwaukee, Wis., June 20-22, 1911.

### Congressional Seedsmen.

#### PUBLIC PAYS SALARIES AND SUPPLIES SEEDS.

If the current custom of indiscriminate distribution shall indefinitely continue, if this congressional comedy shall drift into a continuous performance, we shall ultimately be driven to the mournful admission that we are not statesmen, but seedsmen; and it will be in order for some distinguished seedsmen, some sainted here of some memorable distributions, some legislative knight upon whose shield is blazoned a radish in its glory or a turnip in repose, to arise in his place with becoming gravity and move, Mr. Chairman that the American eagle be taken from the mace and supplanted by a package of vegetable seed as the supreme emblem of the genius, the character, and the principal occupation of American statesmanship.—*Morris Sheppard, of Texas, in House of Representatives.*

**LEMON SETS** is the new name for the odoriferous onion product.

**FOREIGN** demand for American grown tuberose bulbs has exceeded the supply this season.

**VISITED CHICAGO:** Kirby B. White, Detroit, Mich.; A. J. Brown, Grand Rapids, Mich.; G. Hylkema, representing Van Zanten Bros., Hillegom, Holland.

**LAWYER** legislators, mainly, are those who make laws providing easy jobs for the aforesaid lawyer legislators when their constituents "get on to them."

**CHICAGO.**—Prices on the board of trade March 1 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

**THE** fool legislative contagion, purporting to regulate business in seeds and plants, is spreading to the various states and no doubt the city fathers will soon launch forth in ponderous ordinance to kill off the seedsmen and nurserymen forever.

**NEW YORK.**—Business continues to grow heavier in volume. Some of the French flower seeds only began to arrive this week.—C. W. Scott, of the Yokohama Nursery Co., spent a day in Philadelphia recently.—Vaughan's Seed Store employees have reserved a table to accommodate eight persons at the Florists' Club banquet, which will be held at Shanley's March 18.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

**SAN JOSE, CALIF.**

### Ask Your Congressman Where He Stands.

Now is the time to ask your representative if he has read the corrected hearings on seed bill H. R. 29163 and if he is now satisfied that the garden and flower seed dealers should not be legislated against or put under a prison penalty law. It is very important that you know now and know how your senators stand. Communicate that knowledge to Chairman Woodruff at Orange, Conn.

### Congressional Dutch Bulbs.

Secretary Wilson in his annual report for 1910 says: "An effort to propagate Dutch bulbs has been continued with encouraging results. Climatic conditions in the Puget Sound region, where the work is being done, appear to be favorable, and it is hoped that a sufficient quantity can eventually be produced to furnish the supply used for congressional distribution."

### Bringing in the Boar's Head.

Mr. and Mrs. Augustus Goodwin, formerly of Chicago, who have been traveling abroad for some time, have sent greetings from Algeria, where they have been spending the winter. Mr. Goodwin has been hunting wild boar and has just returned from an expedition. They are planning soon to enter the desert with their own tents and Arabs. Mrs. Goodwin has been in ill health for some time, and open-air life has been prescribed for her.

### Dammann & Co.'s Novelties for 1911.

Among the novelties in flower and vegetable seeds introduced this year by Dammann & Co., San Giovanni, a Teduccio, Italy, are noticed the following in the flower section:

*Cleome gigantea alba*, a white flowered *Cleome gigantea*, well known as a decorative plant of the highest value. The large tufts of splendid white flowers bearing long stamens are marvellously effective in large groups, or as single specimens.

*Helianthus helios*, dwarfier and more robust than *H. argyrophyllus*, producing large brilliant yellow flowers with two or three rows of petals on long strong stems.

*Ipomea imperialis collata*, four new colors, carmine with white border, purple, slate color, purple with white border, of this fine *ipomea*.

*Zinnia crista grandiflora*, new large flowering with double flowers, the petals are curled, resembling a cactus dahlia. The flowers are light and graceful and well adapted to bouquets.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister, California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

### Iowa Legislator After Florists.

The seed dealers throughout the country have been having quite a little trouble during the past few years with bills which propose to regulate the sale of seeds, but heretofore no legislature has been sufficiently foolhardy as to undertake regulating the sale of geraniums, roses, and other greenhouse plants, bulbs, etc., but a bill just introduced by Senator Chapman in this state, if passed would make it necessary not only for the florist to take out a \$5 license but he would be compelled to take out a duplicate license costing \$1 additional for each employee, including the delivery boys. He would also have to guarantee each plant, root and bulb, sold to be true to name, to be free from insects and disease, and statement specifying whether seedling, grafted or budded, and he shall not misrepresent by picture or other words, every plant sold must be exactly like the picture in the catalogue.

A state inspector has the right to charge him \$10 per day for examining his stock, and apparently has the right to confiscate and destroy without recourse. It is really the most unwise and ill-considered law which I have seen, but from present indications, think there will be no trouble to kill it in the committee room.

Enclosed find copy for your inspection, and you will notice that this bill would also apply to potatoes, onions, etc.

CHAS. N. PAGE.

### Catalogues Received.

The E. G. Hill Co., Richmond, Ind., roses, chrysanthemums, etc.; W. Atlee Burpee & Co., Philadelphia, Pa., 35th anniversary supplement; The Fottler, Fiske, Rawson Co., Boston, Mass., seeds; Geo. Wittbold Co., Chicago, dahlias, cannas, etc.; Geo. R. Pedrick & Son, Pedrickstown, N. J., surplus list of seed for the trade; Wagner Park Conservatories, Sidney, O., plants and plans for planting; Wild Bros. Nursery Co., Sarcoxie, Mo., fruits, trees and flowers; State Nursery Co., Helena, Mont., seeds, plants, trees, etc.; John D. Imlay, Zanesville, O., seeds and flowers; Oscar H. Will & Co., Bismarck, N. Dak., seeds; Eastern Nurseries, Jamaica Plain, Mass., wholesale list of nursery stock; C. H. Frey, Lincoln, Neb., wholesale list of plants; Ross Bros., Wichita, Kans., seed; Rockmont Nursery, Boulder, Colo., trees, shrubs, etc.; D. V. Burrell, Rocky Ford, Colo., seed; Luther Burbank, Santa Rosa, Calif., small fruit and berry novelties; F. A. Miller, Fruitvale, Calif., tree and shrub seeds; Julius Krohs Co., Rutherford, N. J., orchids and general list of plants; California Rose Co., Pomona, Calif., three yellow roses; S. J. Reuter & Son, Westerly, R. I., trade list of roses, carnations and chrysanthemums.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

**Alfred J. Brown Seed Co.**  
Grand Rapids, Mich.



## Lily of the Valley

From Ice Storage

|                      |          |
|----------------------|----------|
| Premium, select..... | Per 1000 |
| Premium.....         | \$13 50  |
| International.....   | 12 00    |
|                      | 10 00    |

Lily Buds

### Giganteum

|                     |            |
|---------------------|------------|
| No. in case         | Per 100    |
| 7 to 9 inches.....  | 300 \$6 75 |
| 9 to 10 inches..... | 200 9 75   |

### Auratum

|                      |             |
|----------------------|-------------|
| No. in case          | Per 100     |
| 8 to 9 inches.....   | 180 \$ 5 50 |
| 9 to 11 inches.....  | 120 8 50    |
| 11 to 12 inches..... | 70 14 00    |

### Speciosum Rubrum

|                      |             |
|----------------------|-------------|
| No. in case          | Per 100     |
| 8 to 9 inches.....   | 160 \$ 4 75 |
| 9 to 11 inches.....  | 120 8 00    |
| 11 to 12 inches..... | 90 13 00    |

### Speciosum Album

|                     |             |
|---------------------|-------------|
| No. in case         | Per 100     |
| 8 to 9 inches.....  | 160 \$ 7 50 |
| 9 to 11 inches..... | 120 10 00   |

### TUBEROUS BEGONIAS

|                               |              |         |
|-------------------------------|--------------|---------|
| Single {                      | Scarlet..... | Per 100 |
|                               | White.....   | \$2 50  |
|                               | Pink.....    | 2 50    |
|                               | Yellow.....  | 2 50    |
| Doubles, colors as above..... |              | 4 50    |

### TUBEROSES

|                            |          |
|----------------------------|----------|
| Dwarf Pearl, 1st size..... | Per 1000 |
|                            | \$9 00   |

### GLADIOLUS

|                             |         |          |
|-----------------------------|---------|----------|
|                             | Per 100 | Per 1000 |
| Princes.....                | \$11 00 |          |
| Mrs. Francis King, 1st..... | 2 65    | \$23 00  |
| Augusta, 1st size.....      | 2 25    | 18 00    |
| 2nd size.....               | 1 85    | 16 00    |
| America, 1st size.....      | 1 75    | 13 00    |
| 2nd size.....               | 3 75    | 33 00    |
|                             | 3 25    | 27 00    |

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.

## J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns  
*Mention the American Florist when writing*



Imports.

During the week ending February 25, imports were received at New York as follows:

Henry Nungesser & Co., 86 packages seed.  
Peter Henderson & Co., 25 bags seed.  
Aug. Rolker & Sons, 25 cases plants.  
David & Keller, 20 cases immortelles.  
H. Frank Darrow, 16 packages seed, four cases plants.  
Vaughan's Seed Store, four cases bulbs.  
To others: 1,082, bags, 299 barrels, 133 packages and 45 cases seed, 215 cases and one box plants, 22 cases lily of the valley pips, one case orchids.

## Great Drop in Cow Peas

We offer at less than market prices 10,000 bushels all varieties of

## Cow Peas and Soja Beans.

Wire, Phone or Write for Samples and Special Prices Freight Paid to Your Station.

## J. BULGIANO & SON,

WHOLESALE SEED MERCHANTS,

Founded 1818.

Baltimore, Md.

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip, Radish, Beet, Etc.,

Branches: Michigan and Wisconsin. **MILFORD, CONN.**

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

*Mention the American Florist when writing*

## SEEDS

OF ALL KINDS APPLY TO  
**W. W. JOHNSON & SON, Limited,**  
Boston, England.

*Mention the American Florist when writing*

GET QUOTATIONS FROM

## LANDRETH

SEEDS which SUCCEED

Bloomdale Farm.

**Bristol, Pa.**

## SEEDS

Best that grow. We sell direct to gardeners and florists at wholesale. Big beautiful catalogue free. Write today.  
**ARCHIAS' SEED STORE, Box 52, Sedalla, Mo.**

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
PEDRICKTOWN, N. J.

*Mention the American Florist when writing*

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

*Mention the American Florist when writing*

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

*Mention the American Florist when writing*

Florists and Seedsmen, Scratch or Poultry Food Sell Your Own

We will make it for you under your own brand, for \$25.00 per ton. Send today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
**J. BULGIANO & SON, Importers and Wholesalers**  
(Established for 92 years). Baltimore, Md.

ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy.



## NEW RED DAHLIA MRS. MINNA BURGLE.

A cross between Joe Thomson and Clown originated by Mr. J. Burgle of Fruitvale, Calif., and named after his wife Mrs. Minna Burgle, is the best Red Decorative Dahlia ever produced, and will precede every other red variety now grown for cut flowers here or abroad and will draw your attention instantly when planted in a collection of dahlias; one of the most showy flowers ever created.

True decorative, bright scarlet showing a darker shading in center, bold, erect flowers 6 to 8 inches in diameter with excellent stem; foliage remarkable substance; height 5 to 6 feet; good keeper and will not burn in hot weather and more freely blooming than either parent. This variety has been tested by me for three years and has shown no weak points. A vase of 50 blooms shown by me and a basket of Mrs. Minna Burgle Dahlias exhibited by Sievers Floral Co., of San Francisco, both received first prize in the Fall Flower Show in San Francisco and caused more comment among gardeners and visitors than any other exhibit. Cut flowers sold for the first time last year brought 50 per cent more than any other variety of dahlias, including Joe Thomson.

Strong tubers, \$1.00 each; \$9.00 per dozen.

**PAUL H. ECKELMANN,** San Rafael, Calif.

Baltimore.

CONDITIONS IMPROVED.

The past few days have seen a great change in the weather, and higher temperatures, sunshiny days and southern airs are in contrast with the forbidding fogs and mists which have prevailed since Christmas. It is yet too soon to note any change from the improved climatic conditions. Roses are, in quality, not yet up to the mark, but conditions are improving. Violets are in great supply and the merchants of the curbstone have had an abundance. Bulbous stock, sweet peas and freesia have been in excess of demand. It may be said that the conditions of trade have been far more favorable than since the panic of 1907. The drawback has been the insufficient supply.

### NOTES.

The officials of the Roland Park Company have been giving out some pretty big orders for trees and shrubs. This is one of the most attractive of our suburbs. Two new sections are now being developed by the company. Nearly 70,000 individual plants have been ordered for planting this spring.

The Park Board has purchased and will improve the Esaber woods on the Liberty road, about twenty-five acres in extent, with many of the noblest examples of aboriginal forest trees to be found in the location, and which will be a most desirable addition to our park system.

There is no frost in the ground and on light soils early crops are being planted and in the nurseries are apparent signs of activity.

S. B.

Frederickton, N. B.

John Ebbington reports that they are still pursuing the even tenor of their own way so far east. It has been rather quiet since January 1, although their stock never looked so well. They have an unusually fine lot of plants in bloom for this season, azaleas, cyclamens, cinerarias, primulas, daffodils, etc. Carnations never looked better. Easter lilies are in several stages of growth for provincial trade, mostly for cut flowers. The weather has been cold, some 30 below zero at times.

The reciprocity agreement is making quite a sensation here at the present time in the journals. In general they accept it with favor, although fruit men seem to think otherwise; but for the general good they think it will work out all right.

# To Seedsmen and Florists



## Tuberoses Bulbs

Medium ..... \$ 5.00  
Mammoth 6-8, 15.00



## Gladioli

Mrs. Francis King  
America  
Princes  
Augusta



## Caladiums

All sizes



## Lilies

All kinds  
All sizes



## Cannas

Grown by us, True



## Quotation and Samples

Will pay you. Write now

CHICAGO

**Vaughan's Seed Store,**

NEW YORK

# Dreer's Snowball Double White Petunia

A splendid variety for summer cutting, and one of the most profitable summer cut flowers you can grow.

Strong 3-inch pots, which will furnish an abundance of cuttings between this and planting out time, 75c per dozen; \$6.00 per 100.

### SEED OF OUR

## Superb Strain of Fringed Petunias

Choice Double Mixed..... 75c per 500 seeds; \$1.50 per 1000 seeds  
Choice Single Mixed..... 50c per trade pkt.; \$1.00 per 1-18 oz.; \$1.50 per 1/4 oz.

THE ABOVE PRICES FOR THE TRADE ONLY.

For a complete line of Seasonable Plants, Bulbs, Seeds, etc., see our Current Quarterly Wholesale Price List.

**HENRY A. DREER,** — 714 — Chestnut Street, Philadelphia, Pa.

Yonkers, N. Y.

A meeting of the Horticultural Society was held February 17. The dinner committee reported a balance to the good, and was discharged, being accorded a standing vote of thanks. Robert Henry was nominated as an active member of the society. L. Mel-liot was appointed a delegate to represent the society, on a committee organized to push the legislation to establish a horticultural experiment station for New York state.

H. M. B.

# GLADIOLUS

Cinnamon Vines, Madeira Vines,

Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

**E. S. MILLER,** Wading River, N. Y.

SOMERVILLE, MASS.—George Ward has brought suit against the Cambridge Gas. Co. for \$5,000 damages.

# CARNATIONS

## White House

The Quality White. Won the Silver Cup at Morris-town for best undissemated variety; Bronze Medal at Pittsburg, and five other certificates. Absolutely non-bursting, clean and kind in growth, and a variety that will make good. We have 10,000 for March delivery, and that is all we will be able to supply.

## Princess Charming

The finest thing in sight in the Enchantment shade of pink. Every bud a perfect flower, and your net returns per square foot will surprise you.

Our stock is limited, but we are still in a position to supply first-class rooted cuttings of this variety at \$12.00 per 100; \$100.00 per 1000.

## CHRYSANTHEMUMS

We catalogue over 500 varieties, and surely we have the kind you want.

CHAS. H. TOTTY,

MADISON, N. J.

## GREGORY'S SEEDS

90 cents worth for  
25 cents in coin

1 pkg. Aster, Gregory's Special Fancy Mixture, 10c.  
1 pkg. Pansy, Gregory's Special Fancy Mixture, 10c.  
1 pkg. Coreopsis, Gregory's Special Fancy Mixture, 10c.  
1 pkg. Poppy, Gregory's Special Fancy Mixture, 10c.  
1 pkg. Mignonette, Gregory's Large Flowering, very rich, 10c.  
1 pkg. Bachelor Button, Gregory's Finest Mixture, 10c.  
1 pkg. Petunia, Gregory's Finest Hybrid Mixture, 10c.  
1 pkg. Candytuft, Gregory's Finest Mixture, 10c.  
1 pkg. Nasturtium Dwarf, Finest Mixed, 10c.  
1 pkg. Sweet Pea, Extra Choice Mixed, 10c.



10 packages sent for 25c in coin.  
In addition to above, will send FIVE of our regular FIVE CENT PACK-AGES of Vegetable seed, our selection, with beautiful Catalogue, if this paper is mentioned with order.

J. J. H. GREGORY & SON, 149 Elm St., MARLBOROUGH, MASS.

## Asparagus Plumosus Nanus

GREENHOUSE GROWN SEED

DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

A. HENDERSON & CO.,  
51 Wabash Ave., CHICAGO.

## John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas, Tomatoes, Lima Beans, Lettuce, Asters, Cosmos and other Flower Seeds.

## BURNETT BROS.

Importers and Growers of  
Seeds, Bulbs, Plants  
and Horticultural Sundries.

Telephone 2223 Cortlandt.  
72 Cortlandt Street, NEW YORK  
Write for our 1911 Spring Catalogue.

## Onion Seed -- Onion Seeds

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

Schilder Bros., Chillicothe, O.

## Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

CHR. OLSEN, Odense, Denmark

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list.

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2 1/2 in. pots: place your orders early so as to secure early delivery.  
We would also be pleased to fill your order for Aster Seed as we have one of the finest strains known as well as a good list of the standard kinds.

ELMER D. SMITH & CO.,

Adrian, Mich.

—CHOICE GERMAN—

## FLOWER SEEDS

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

FREDERICK ROEMER,

Seed Grower, QUEDLINBURG, GERMANY.

Mention the American Florist when writing

## Henry Fish Seed Co.

## Bean Growers.

For the Wholesale Seed Trade.

CARPINTERIA, CALIF.

Mention the American Florist when writing



H. WREDE,  
LUNEBURG, GERMANY  
PANSY SEED

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed... 25c  
1 oz. ....\$2.25

✓ Price list on application. Cash with order  
Mention the American Florist when writing

Cannas David Harum, Egandale, Chas.  
Henderson, Duke of Marlborough, King Humbert. True to name. Write for prices.

Dracaena Indivisa, 3-in. ....\$5.00 per 100  
Extra strong Boston and Whitmani Ferns, 4-in.  
\$2.00 per dozen.

W. W. COLES, Kokomo, Ind.

Mention the American Florist when writing

## FUCHSIAS

Little Beauty, Lord Byron, Tenner! Strong 2 1/2-in  
White Beauty, E. Reman. (\$4.00 per 100.



Skidelsky & Irwin Co.  
1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

Please mention the American Florist when writing

## CARNATION Rooted Cuttings

On Liberal Terms.

| Name               | Color           | CO     | 1000    |
|--------------------|-----------------|--------|---------|
| Dorothy Gordon,    | Deep pink.....  | \$5 00 |         |
| Sara Nicholson,    | Dark red.....   | 4 00   | \$35 20 |
| Peacock,           | Red.....        | 3 00   | 25 00   |
| Victory,           | Red.....        | 3 00   | 25 00   |
| Winona,            | Deep pink.....  | 3 00   | 25 00   |
| Rose Enchantress,  | Deep pink.....  | 3 00   | 25 00   |
| Winsor,            | Deep pink.....  | 3 00   | 25 00   |
| Enchantress,       | Light pink..... | 3 00   | 25 00   |
| May Day,           | Light pink..... | 3 00   | 25 00   |
| White Perfection,  | White.....      | 3 00   | 25 00   |
| White Enchantress, | White.....      | 3 00   | 25 00   |
| Lady Bountiful,    | White.....      | 3 00   | 25 00   |
| Bon Ami,           | White.....      | 3 00   | 25 00   |

Sara Nicholson produced more good blooms than any Dark Red Carnation we have ever seen.

Wanted—Customers for regular shipments of first class Carnation Blooms, Lilies, Lily of the Valley, and various kinds of flowering plants. We supply retail trade at wholesale prices and save you the commission man's profit.

We will extend liberal credit to parties of good standing.

Send us your orders early.

SHEPARD'S GARDEN CARNATION CO.,

292 Fairmount St., LOWELL, MASS.

Mention the American Florist when writing

## QUALITY PLANTS

|                                             | Per 100 |
|---------------------------------------------|---------|
| 2 1/2-inch Boston, Whitmani and Scotti..... | \$ 3.50 |
| 3-inch.....                                 | 8.00    |
| 4-inch Boston and Scotti.....               | 15.00   |
| 4-inch Whitmani.....                        | 12.50   |
| 5-inch Boston and Whitmani.....             | 20.00   |
| Asparagus Plumosus, 2-inch.....             | 2.50    |
| 3-inch.....                                 | 5.00    |
| 4-inch.....                                 | 10.00   |
| Asparagus Sprengeri, 4-inch.....            | 7.00    |
| Per 100 Per 1000                            |         |

Vinca Variegata, out of 2-inch pots  
(These are divisions from field-grown stocks and will make fine plants.)

|                                     |      |         |
|-------------------------------------|------|---------|
| Shasta Daisy Alaska, 2-inch.....    | 20   | \$18.00 |
| Salvia Splendens, 2-inch.....       | 1.50 | 12.50   |
| Coleus, Golden Seder, Verschaf..... | 1.50 | 12.50   |
| felti and others.....               | 1.50 | 12.50   |

— Cash, please. —

THE REESER PLANT COMPANY

Successor to  
Reeser & Youngstrand, Springfield, Ohio  
Mention the American Florist when writing



## Market Gardeners

**Greenhouse Vegetable Growers and Market Gardeners' Association.**

B. L. Watts, State College, Pa., President;  
H. H. Hall, Grand Rapids, Mich., Vice Pres-  
ident; S. W. Severance, 503 Illinois Life  
Building, Louisville Ky., Secretary; M. L.  
Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, February 25.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each, lettuce, 75 cents per dozen heads; tomatoes, 30 cents per pound; radishes, 60 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 25 cents per quart.

Chicago, February 27.—Mushrooms, 20 cents per pound; cucumbers, \$1.75 to \$2.15 per box, small; lettuce, 25 cents per pound; radishes, 10 cents to 40 cents per dozen bunches; rhubarb, 35 cents to 45 cents per dozen bunches.

### Cleveland.

#### STOCK MORE PLENTIFUL.

Stock is beginning to arrive in increased quantities. Single daffodils and Paper White narcissus were a little shy, but all other bulbous stock was quite plentiful. Carnations are coming in large bunches, due to a few days of warm sunshine, red being very much in demand the past week. White roses are still very short. The first cut of long stemmed American Beauties arrived this week and the quality was exceptionally fine. Sweet Peas are plentiful and of excellent quality. Lily of the valley is moving a little slow. Violets have dropped in price with only a fair call. Calla and lilies are abundant. Roman, Dutch and miniature hyacinths do not seem to be much in demand. Smilax, Asparagus plumosus and A. Sprengeri are plentiful but clean up daily.

#### NOTES.

About twenty-five representative wholesale and retail florists and growers of this city met at the Hofbrau, February 24, to form an advertising club. The plan decided upon is to appoint an advertising committee, to hold regular meetings at least once a month, and have regular club rooms. This committee proposes to hold a flower show in the near future, as a starter, to get the public interested, and to advertise regularly in the local papers. H. P. Knoke was appointed chairman of the committee. The next meeting will take place at the Hofbrau, March 3. All florists are welcome.

Miss M. Schueren has sold out her flower and seed business at 4493 Lorain avenue to Harry Dow. Mr. Dow will continue along the same line, only going in a little stronger on cut flower work.

E. A. Heepe, of Akron, W. A. Cogill, of Salem, F. C. Whithruhn, G. W. Smith and H. P. Knoke, of this city, are going to Rochester, N. Y., to testify in an automobile accident case.

Miss Jane Eadie has spent the last few weeks in Florida on a pleasure trip.

C. F. B.

JACKSON, MICH.—H. M. Burt, formerly of Burt & Coggan, Battle Creek, has a fine store in the Otsego hotel, which fronts on Main street. He has started building two large greenhouses, 28x157 feet about 1 1/2 miles from the heart of the city on the car line and expects to have them ready by April 15, if weather permits.

### Detroit.

#### SATISFACTORY CONDITIONS.

Trade conditions the past week were most satisfactory. Nearly all the good stock sold at fair prices. This was notably true of roses which continue to be in short supply and even the shorter stemmed ones found ready sale. Carnations showed a tendency to accumulate, but the best of them brought good prices, and the warm spring weather that prevailed most of the week gave the street fakir an opportunity to keep the tables in the wholesale house clear. Much of this stock was fortunate to escape the rubbish box and yield anything to the grower. The same may be said of the bulbous stock. Some of it was fine and sold at remunerative prices, but too much of it was poorly grown and still poorer varieties, and the result was the inevitable.

#### NOTES.

The next club meeting Monday evening, March 6, promises to be a most interesting one. Ferdinand Kolbe will read a paper on "Carnations" and Philip Breitmeyer, who just returned from an extended trip to Cuba, will address the members on his observations in that country as well as in Florida and the other coast states, through which he passed on his return home.

Stephen Taplin, the veteran florist, has been confined to the house since last November, suffering much from raptorial affliction that has troubled him for many years.

Frank Smith, who about twenty-five years ago conducted a greenhouse establishment on Gratiot Avenue above Mt. Elliott, died February 23, aged 62 years.

J. B. Dinser, Highland Park, will rebuild and enlarge four houses in April. When completed three of them will be 20x125 and the other 18x27.

G. H. Taepke, who had a slight attack of erysipelas, is rapidly regaining his health.

Herman Knope, who has been ill for some time, is now improving.

Visitors: C. S. Ford, Philadelphia; A. G. Pruyser, Holland; Mr. Henry, of Henry & Lee, New York. J. F. S.

### Cincinnati.

#### A GREAT SUFFICIENCY.

There is, as DeWolf Hopper would say, a sufficiency of nearly everything. Carnations and bulbous stock are coming in very strong, and the former shows a very strong tendency to accumulate. If the present bright weather continues they will undoubtedly be coming in stronger. White carnations alone, up to the beginning of this week, clean up every day. Enchantress is in very large supply, and although the demand is good the supply is so large that they do not clean up regularly. Roses are again coming into crop, and if the bright, warm weather continues within the next fortnight we will be able to obtain them in good quantities. Almost every order for them is being filled in full. Red still remains scarce. Easter lilies are increasing in numbers.

There is also a good supply of callas. Lily of the valley drags. Bulbous stock is in large supply, and the choice finds a ready market; violets move slowly; sweet peas sell readily. The supply of green goods of all kinds is more than ample.

#### NOTES.

Callers to the trade were: C. S. Ford of Philadelphia, Rupert E. Hall, representing Reed & Hall, of New York, and William Eisner, representing Newark Paraffine & Parchment Paper Co., of Newark, N. J.

J. W. Dudley and wife of Parkersburg, W. Va., Mrs. Buck of Washington Court House, and O. C. Heberling of Georgetown, Ky., came to town for the auto show.

The marriage of Frank Sonnenberg of the Hyde Park Rose Co. and Miss Marion Johnson Leighton was solemnized February 22.

Charles Bosworth, of the J. M. McCullough's Sons Co., is the happiest man in Cincinnati. It's a boy.

Gus. Adrian has been cutting some very fine Narcissus Victoria and Dutch hyacinths and tulips.

The death of S. J. Galloway of Eaton is reported and regrets are heard everywhere.

Peter Herb, of Mt. Healthy, is growing Dutch hyacinths for Otto Walke, Bowling March 6 at Finke & Craig's. H.

NEW CASTLE, IND.—Peter Weiland will build a range of 10 greenhouses 28x300 feet, using the Foley steel gutter. The Foley Mfg. Co., Chicago, has the contract.

JUNCTION CITY, KAN.—Thos. Keeshan, Jr., of the Junction City Floral Co., has purchased a four-acre tract three miles east of Topeka, and will erect a greenhouse thereon at once and will grow flowers for wholesale.



Watch for our Trade Mark stamped on every brick of Lambert's

### Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address Trade Mark. American Spawn Co., St. Paul, Minn.



ENGLISH. Best quality, arriving constantly.  
Spawn is from } 25 lbs. .... \$2.00  
selected specimens 100 lbs. .... 6.50  
AMERICAN. Our monthly shipments from the manufacturer include all the varieties.  
Garden City } 25 bricks. .... \$ 3.50  
Pure Culture } 100 bricks. .... 12.00

**VAUGHAN'S SEED STORE,**  
CHICAGO: 84-86 Randolph St.  
NEW YORK: 25 Barclay St.

### TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER AND EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1871.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES,** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4 oz., 75c per 1/16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# A. N. PIERSON, Inc., Cromwell, Conn.

## ROSES

If you are in the market for Rose Stock, and are looking for the best that can be produced, we are ready to serve you.

### DOUBLE PINK KILLARNEY

Grafted plants only. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### DARK PINK KILLARNEY

Grafted plants only. 40c each; \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

### LADY CROMWELL

Grafted plants only. 75c each; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### MRS. AARON WARD

Grafted stock: 40c each; \$4.00 per dozen; \$25.00 per 100; \$200.00 per 1000.

Own root stock: 25c each; \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.

### PRINCE DE BULGARIE

Grafted stock: 2½-inch pots. \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

Own root stock: 2½-inch pots, \$2.50 per dozen; \$15.00 per 100; \$120.00 per 1000.

### MELODY

Own root plants. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### RADIANCE

Grafted stock: \$18.00 per 100; \$150.00 per 1000.

Own root stock: \$10.00 per 100; \$90.00 per 1000.

### Grafted Roses of Standard Varieties

Killarney, Golden Gate, Bride,  
Richmond, My Maryland, Bon Silene,  
White Killarney, Kaiserin Augusta Ivory,  
Bridesmaid, Victoria, Uncle John,  
And Other Varieties for Forcing.

Selected plants for March delivery. Grafted: \$15.00 per 100; \$120.00 per 1000. A special price quoted on 5,000 or more plants.

### Roses on Their Own Roots

Killarney, Richmond, Sunrise,  
White Killarney, Perle Des Jardins,  
Kaiserin Augusta Victoria.

From 2½-in. pots, \$6.00 per 100; 50.00 per 1000.

## CARNATIONS

### Rooted Cuttings

We supply them of even size and well rooted. February and March delivery.

|                                  | Per 100 | 1000     |
|----------------------------------|---------|----------|
| White Wonder, Our new white..... | \$12.00 | \$100.00 |
| Gladiosa Our new pink.....       | 12.00   | 100.00   |
| Pink Delight.....                | 6.00    | 50.00    |
| Scarlet Glow.....                | 6.00    | 50.00    |
| Shasta.....                      | 6.00    | 50.00    |
| Sangamo.....                     | 6.00    | 50.00    |
| Dorothy Gordon.....              | 6.00    | 50.00    |
| J. W. Riley.....                 | 6.00    | 50.00    |
| Admiration.....                  | 6.00    | 50.00    |
| White Perfection.....            | 3.00    | 25.00    |
| Winona.....                      | 3.00    | 25.00    |
| Enchantress.....                 | 3.00    | 25.00    |
| Rose Pink Enchantress.....       | 3.00    | 25.00    |
| Beacon.....                      | 3.00    | 25.00    |

## F. DORNER & SONS CO.,

LaFayette, Ind.

Mention the American Florist when writing

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909.

It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5,000, \$400.00. 25¢ per 100; 250¢ at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

Mention the American Florist when writing

## Don't Forget, in the Rush

That You'll Need Stock Later on.

For example, there's your

### Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth, evenly graded, disbudded, well-rooted stocks, especially selected for florists' grafting.

### Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1,700 to the case).

Perfection, \$12.00 the thousand (2,000 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3,000 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

## JACKSON & PERKINS CO.

Wholesale Florists and Nurserymen,

NEWARK (Near Rochester), NEW YORK

Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

### WHITMAN FERN

2½-in., \$5.00 per 100; \$40.00 per 1000, 250 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

Mention the American Florist when writing

## Shamrocks 2-inch, \$5.00 per 100.

### Ferns for Dishes

2½-in. Per 100 Per 1000

\$3.50 \$30.00

500 at 1000 rates. Cash with order.

### FRANK OECHSLIN,

4911 Quincy St., CHICAGO

Mention the American Florist when writing



## The Nursery Trade

American Association of Nurserymen

W. P. Stark, Louisiana Mo., President;  
E. S. Welch, Shegandosh, Ia., Vice Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16 1911.

VISITED CHICAGO: Adrian Van Leeuwen, Jr., Worcester, Mass.

MONTICELLO, IA.—Benjamin Hoyt, a well-known nurseryman, died at his home February 7.

### American Ass'n of Railroad Gardeners.

At a joint meeting of the executive committee and the committee of arrangements of the American Association of Railroad Gardeners, held in Chicago February 25, preliminary arrangements for the programme and entertainment of guests at the convention to be held in August were discussed. It was decided to issue a beautifully illustrated booklet as a souvenir to be the finest output of the printers' shop, containing illustrations of railway gardening on all the leading railroads in the United States and Canada. Each member of the association will be given a copy and each railroad represented 100 copies. The members of the executive committee are Patrick Foy, Roanoke, Va., president; J. S. Butterfield, Lee's Summit, Mo., secretary-treasurer; J. E. Smith, Ridley Park, Pa., chairman; H. A. Bode, Champaign, Ill.; F. W. Vail, Dunellon, N. J.; The members of the committee of arrangements are Geo. B. Moulder, Chicago; W. F. Hutchinson, Pittsburg, Pa.; C. H. Tritschler, Nashville, Tenn., and J. Gipner, Niles, Mich.

### Pittsburg.

#### PLENTY OF STOCK.

Old Sol is with us again and everything is lovely, plenty of stock of all kinds and a nice demand. Prices are coming down and a few days will find them about right. With this brand of weather the wholesalers will have a full hand in Lent, as the growers are doubling their shipments.

#### NOTES

Gustave & Julius Ludwig have opened their new store on Federal street, and it is one of the "classy stores" of Pittsburg.

Jack Frampton was suddenly called out of town on account of sickness, his mother being critically ill.

Geo. A. McWilliams, Natrona, was a business caller today and states business is very good up his way.

The McCallum Co. are featuring a fine grade of white and lavender lilac. J. B. Murdock Co. are receiving some very fine pink and white sweet peas. Pittsburg Cut Flower Co. are offering some fine tulips and daffodils.

Miss Freil, of Zeiger Co., has been laid up with a severe cold.

South View Floral Co., Carrick, are cutting very nice callas.

DANIELSON, CONN.—A fire causing damage to the barn of W. J. Schoonman to the value of \$400 occurred February 18. The fire department saved the greenhouse and other buildings.

ROCK ISLAND, ILL.—The business of H. H. Hensley has assumed such proportions that he has been obliged to enlarge his quarters at 330 Twentieth street, and has refurnished the store with new wall cases, window trimmings, etc., and a new refrigerator of special construction and the wood work finished in white enamel.

### Toronto.

#### STOCK OF GOOD QUALITY.

Business is one of the very best, and with brighter weather we are now better supplied with stock than at any time since last fall, roses of which there has been a decided shortage all season are again becoming plentiful, and the lowering of the prices for the better grades is welcomed. Richmond on strong sturdy stems. Killarney with a depth of color, and the other varieties all showing correspondingly good quality, are now plentiful enough to fill orders. Carnations are plentiful with the quality A1, and meet with ready sale. Lilac in quantity and orchids in variety give a tone of quality to the windows. Bulbous stock is plentiful and although Von Sion and Golden Spur narcissus are occasionally sold at low prices, the other varieties hold their own. Princess of Wales violets, about the only variety grown here, are now at their best, stems a foot long are common and flowers the size of pansies are not unusual, the sale of these is enormous. Lily of the valley is the very best ever seen here, which is making it strong for a section noted for quality in this flower, some of them are being consigned as far as Chicago.

#### NOTES.

The Gardeners' and Florists' association held a social evening February 21, which was a huge success and was largely attended, and a splendid opportunity was afforded to become acquainted with the officers for this year who are: F. Adams, president; S. Kirk, first vice-president; E. E. Turner, second vice-president; T. Mantion, Geo. Douglas, W. Jay, W. H. Foord, E. Dale, W. Wilsheire, J. Bryant, executive committee; Geo. Mills, treasurer; E. F. Collin, secretary.

J. H. Dunton, who was operated on for appendicitis, is again convalescent, an improvement which was welcome to his many friends. Taken ill out of the city, he was hurriedly removed to the General Hospital here, and for days his recovery was despaired of, his strong constitution and strict ways of living were in his favor and it is expected that he will return home in a few days.

The new palm house in Allan Gardens has been completed, foreman E. F. Collins has it nicely arranged with some very choice specimens. It is a

fine imposing building and was much needed.

Frank Duffert is marketing some well grown lilac plants, of which he makes a feature each season. H. G. D.

NEW ORLEANS, LA.—Plans to make this city one of the great points for the culture and shipment of orchids will be discussed at the March meeting of the New Orleans Horticultural Society. J. A. Nevsham, who has recently made several trips to Guatemala, investigating the possibilities for the importation of the plants, will read a paper on "Orchids and Orchid Culture."

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

—For the Best New and Standard—

## DAHLIAS

—address—

PEACOCK DAHLIA FARMS,

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

Mention the American Florist when writing



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to

6 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,

MORRISVILLE, PA.

## 500,000 California Privet

FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12 inches to 4 feet, will satisfy all in grade and price. Special low prices in car lots for Fall delivery; let me know your wants before purchasing.

Also a fine stock of AMPELOPSIS Veitchii, 2 years planted.

CHAS. BLACK, Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up to 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## LARGE TREES

OAKS AND MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.

Chestnut Hill, PHILA., PA.

## Norway Maples...

Specimen trees, 14 1/2 ft. 2 1/2 in. dia.

Rhododendron Hybrids

1 1/2 ft. Best varieties and colors.

Rhododendron Maximum

(The Natives) 2 1/2 ft in car lots: fine plants.

Koster Blue Spruce, 4 1/2 ft. and 5 1/2 ft.

California Privet for hedge

Fine plants, 2 1/2 ft. and 3 1/2 ft.

A large assortment of Fruit Shade and Ornamental Trees and Shrubs.

Write for Prices

Catalogue mailed upon request.

MORRIS NURSERY CO.,

Sales Office, 1 Madison Ave., New York.

# Ligustrum Ibota

The Privet Hedge. That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.

# A MONEY MAKER

## Grand Double FENICAL Geranium

Clusters measure from 3 to 6 inches. Bright sage in color. Bears from 1 to 10 clusters at a time.

Prices as follows: 2½-in., \$2.75 per 100; 3½-in., \$7.00 per 100.

**LINUS FENICAL,** 281 East Main St., Middletown, Penna.

## Geraniums

S. A. Nutt ..... \$11.50 per 1000  
Ricard and Poltevine ..... 14.00 per 1000  
Delivery the last of March.

## Coleus

Golden Bedder and Verschaffeltii ..... \$ 6.00 per 1000  
Standards, in assortment ..... 5.00 per 1000  
Giant Leaved ..... 10.00 per 1000  
Big lot ready all the time

## Carnations

Late delivery at special prices. Send me a list of your wants for figures.

## Lime

The best ever made for florists' use. Cheaper than the cheapest. Hydrated, pulverized and bagged, at 14.00 per half ton. Cash before shipment.

**ALBERT M. HERR**  
LANCASTER, PA.

Mention the American Florist when writing

## Miscellaneous Plants

2,000 Echeverias ..... \$18.00  
100 Agave, Var ..... 20.00  
300 Shasta Dahlias, divided roots. Alaska strain ..... 20.00  
300 Gallardias ..... 2.00  
2,000 Cal Violets; 1000 Princess of Wales ..... 10.00  
100 Burbank's best Giant Crimson Winter Knubach ..... 20.00  
50 White B oom ..... 10.00  
5,000 Blue Fleur de Lis ..... 10.00  
500 Tuberoses ..... 2.00  
Choice Dahlias ..... \$5.00 per 100  
— Cash.

P. O. Box 453, Palo Alto, Calif.

Mention the American Florist when writing

**Jacs Smits & Co.,** NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. O., Japan Maples, Peonies Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

Price List Free on Demand.

Mention the American Florist when writing

## WANTED

200 Begonia Gloire de Lorraine

2½-inch pots. Good stock.

**L. L. May & Co.,** St. Paul, Minn.

**Wanted** Prices on Echeveria Secunda Glaucous by the thousand.  
Mesembryanthemum Tricolor by the hundred.

**A. VANDERHEIM,** Meridian, Miss.

## Vaughan's Rose Novelties

Know the Roses that are worth while to grow.

The best dwarf **POLYANTHA** roses for Pots, Forcing or Bedding.

**Jessie.** A brilliant cherry crimson, constantly in bloom, never developing the objectionable purple tints. Field grown, each, 50c; doz. \$5.50; 100, \$40.00.

**Mrs. Taft.** A brighter shade than the Baby Rambler, bears large clusters from spring to frost making it a companion to Orleans.

2½ in. each, 20c; doz. \$2.00; 100, \$15.00  
3½ in. each, 35c; doz. 4.00.

**Orleans.** A deep cerise with a showy center of white almost everlasting bouquet of flowers. A charming little rose very popular in Europe.

2½ in. each, 20c; doz. \$2.00; 100, \$15.00  
3½ in. each, 35c; doz. 4.00.

**Phyllis.** A bright carmine pink flower ing in long feathery panicles during a long season.

Field grown, 2 yr. each 30c; doz. \$3.00 100 \$22.  
3-yr. each 40c; doz. 3.50 100 25.

**CLIMBERS.** The Cream of the Season's Offerings.

**Climbing Baby Rambler.** Beautiful carmine red flowers. A real everblooming climber.

Field grown plants each 75c; doz. \$8.00.

**Delight.** A bright carmine with petals white at base, single with yellow stamens. Vigorous and a very desirable novelty.

Field grown plants each \$1.00; doz. \$10.00.

**Graf Zeppelin.** A brilliant pink having a very reflex. A strong grower and a persistent bloomer.

2½-in. p.t.s. each 35c; doz. \$3.60.

**Wartburg.** Beautiful dark rose with a Cactus Dahlia. Large clusters borne in great profusion. Field grown plants, each 50c.

**White Dorothy Perkins.** A grand Rambler. Bound to be a great favorite.

2½-in. each 15c; doz. \$1.50; 100, \$10.00  
Field grown, each, 25c; doz. 2.50; 100, 20.00

## Vaughan's Seed Store,

84-86 Randolph St., CHICAGO.

25 Barclay St., NEW YORK.

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

Mention the American Florist when writing

## Seasonable Stock

**Kentia Belmoreana,** 2½-in pot plants \$8.00 per 100; 3-in. pot plants, \$15.00 per 100; 4-in. pot plants, 12-15-in. high, \$35.00 per 100; 5-in. pot plants, 15-18 in. high \$60.00 per 100

**Nephrolepis Scholzei,** 2½-in. \$5.00 per 100; 5-in. strong, \$6.00 per doz; \$40.00 per 100.

**Asparagus Sprengeri,** Strong 5-in. pot plants, 15c.

**Rhododendrons,** Fancy forcing varieties, 6 to 8 buds at 60c; 8 to 12 buds at 75c; 12 to 16 buds at \$1.00.

**Dracaena Indivisa,** 2½-in po stock for growing on at \$3.00 per 100.

**Spiraea,** large forcing clumps. Gladstone, \$9.00 per 100; Florabunda, \$4.50 per 100; Superba \$6.00 per 100; Blondin, \$6.00 per 100; Washington, \$6.00 per 100; Japonica at \$4.00 per 100.

**Heliotrope,** Purple, in five good varieties. \$3.00 per 100; \$25.00 per 1000.

**Boxwood,** Bush shape for window boxes or pot sale. Very bright foliage and bushy. 10 to 12-in. high \$30.00 per 100; 12 to 15 in. high, \$25.00 per 100. Full line of sizes in both Pyramidal and Natural Bush forms. Prices on application.

**Dahlias.** Fine collection of field grown clumps. (Special circular on application.)

**THE STORRS & HARRISON CO.,** Painesville, O.

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## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft ..... 60c 3 to 3½ ft ..... 95c  
2½ to 3 ft ..... 70c 3½ to 4 ft ..... \$1.25

**KENTIA NURSERIES,** Santa Barbara, Calif.

## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.  
P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, v-flow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

**J. W. DAVIS,** 225 W 16th Street, Davenport, Iowa



# Geraniums

Per 100  
S.A. Nutt and 6 other vars. 2½ in. pots. ....\$3 00  
Coleus, 10 varieties. 2 in. pots. .... 2 00  
Vinca Var., 2 in. pots. .... 2 50  
Aso. Plumosus and Sprenger, 2 in. pots. .... 2 00  
Aso. Plumosus Seed, \$2 50 per 1000. .... 60

—Cash—

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In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

Lager & Hurrell, Summit, N. J.

St. Louis.

LOWER PRICES.

Cold weather has ruled all the week, but it is now much warmer. Flowers are becoming more plentiful, roses are coming in more freely, the prices of carnations are lower, and bulbous stock moves very slowly. Violets are of poor quality. The price of hardy ferns has advanced.

NOTES.

George Schriefer, salesman for C. A. Kuehne was married to Miss Fedora Pribble February 22. It was a surprise to his friends, who extend to him and his bride their congratulations.

George Anceмуeller is handling a number of orchids, and is making a specialty of the green carnation dye. Fred Alves and Al Gunz, his two salesmen, are both hustlers.

Special sales are now being held. The Paris Floral Co. had a bargain sale of carnations and Grim & Gorley and Alex Siegel had special sales of violets.

It is announced by J. F. Ammann that three employees who have been with him from eight to sixteen years, have bought his greenhouses.

There were several window decorations commemorating Washington's Birthday, notably the Mullanphy Floral Co. and Otto Sander.

A fire at A. W. Murray's store on Union boulevard did considerable damage. The loss was covered by insurance.

George Kessler arrived here February 20 from Cincinnati to develop the city parks and playgrounds.

Mrs. M. L. Pelletier has a very nice store on Twelfth street and is enjoying good trade.

The little chickens among the plants and flowers in Young's window attract attention.

A. C. Brown, of Springfield, Ill., is shipping in some fine carnations.

W. F.

WOONSOCKET, R. I.—E. A. Chipman is reported quite sick with a heavy cold.

# EASTER PLANTS

## Prepare for Easter

And purchase your Easter supply direct from your old reliable friend, Godfrey Aschmann, of Philadelphia. Two more houses devoted this year to Easter plants, and we have an immense stock for immediate shipment.



Lilium Multiflorum.

Our own importation from our general grower in Japan, raised from 9-10 in. bulbs, started in 6 in. pots, last October, have kept cold. 25c to 30c each, by the dozen or hundred. Plant medium size, from 5 to 10 buds to the plant; 10c per bud; plants under 5 buds. 12c per bud. Just right for Easter. We have the finest lilies this year in Philadelphia and all over the country. is the town talk from florists and agents daily visiting our place. "We never have seen anything like it," said two well-known growers from Cincinnati and Short Hills, N. J., the other day, when visiting our place together. We have three houses full in 6 in. pots nicely staked up, and can supply all applications.

Two houses in Cineraria Hyb. Grandiflora, just right for Easter; in bloom now if desired. Our strain in size of plants and flowers are twice as large as the old varieties; flowers when open will last much longer than usual; perfect green foliage in fine brilliant colors, 5½ to 6 in., 25c. 35c. 50c to 75c, and as high as \$1.00 each; 4 in. ready for a shift into 5½ to 6 in., 10c each; \$1.00 per 100.

Our Hydrangea Otaka can't be beat; full of buds; right for Easter trade; every branch nicely staked up. 6 in. pots, 25c, 35c to 50c; 7 in. 75c, \$1.00, \$1.25 to \$1.50.

Hyacinths of our own importation, four best colors, Gertrude, best pink; King of the Blues, best blue; Grand Maître, light blue; La Grandesse, best white; 4 in. pots, now outside in cold frame, covered with leaves; two weeks will force them out into bloom; now \$10.00 per 100; when in bloom, \$12.00 per 100.

Von sion Daffodils (double nosed), best double Narcissus in cultivation, three bulbs planted in a 5½ to 6 in. pot, \$2.50 per doz. pots.

Tulips, Tourne-sole double, red and yellow variegated and Murillo, beautifully shaded rose pink, three bulbs in one pot (4 in.), \$15.00 per 100; \$1.80 per doz.

Ipomoea Noctiflora, our so well-known pure white, waxey Moonflower, bearing flowers very fragrant and as big as asparagus. 2½ in. pots, will make good stock for you to propagate from, \$5.00 per 100.

**GODFREY ASCHMANN**  
Wholesale Grower and Importer of Potted Plants. 1012 W. Ontario St., PHILADELPHIA, PA.

# ROSES ROSES

50 Sorts in Leading Varieties. Teas, Hybrid Teas and Hybrid Perpetuals. Nice healthy stock, or large 2-year old plants. Write for list.

Let us know your wants.

Wagner Park Conservatories, Sidney, O.

## Azalea Indica.

Remember we are headquarters for Azalea Indica, grown for us under contract in Ghent, Belgium under my personal inspection, by going abroad every year and looking them over.

Azalea Indica, Easter forcing: Veranoeana, Professor Wolters, Empress of India, Schryveriana, double variegated 60c, 75c. \$1.00 to \$1.50; Mme Van der Cruyssen, Simon Mardner, pink, Niobe, white, Apricot, red, 60c, 75c. \$1.00, \$1.25 to \$1.50. In large plants we have Niobe, Helena Thielman, Bernard Andreas Alba, white, Mme. Van der Cruyssen, and others, \$1.50, \$2.00 to \$2.50.

Azalea Indica, with buds advanced, showing color and partly in bloom, Deutsche Perle, Veranoeana and Simon Mardner, 60c, 75c. \$1.00 to \$1.25.

## Araucarias Our Specialty.

We are the largest importers of these lovely decorative plants the Araucaria Excelsa, Robusta Compacta and Glauca, 6,000 of the choicest last spring importation, now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

Araucaria Excelsa, raised from top cuttings, no seedlings. Plants, 5-5½-6-7 in. pots, 15-18-20-25-30 in. high, 4-5-6 tiers, 2-3-4-5 years old, 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant, 6 in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, for only \$1.00 to \$1.00; a jumbo, 6 in. pot, 5-year old, 25 in. and over, with as a bushel basket, 5-6 tiers for only \$1.00; and what do you think a holy terror, 30 to 40 in. and over, 5-6-7 tiers, worth \$2.00, for only \$1.25 to \$1.50.

Robusta Compacta, Excelsa Glauca, 6 in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest Araucaria Robusta Compacta and Excelsa Glauca, a house full, for only \$1.25 to \$1.50, worth double.

Adiantum Hybridum, 6 in. pan, 25c to 30c. Asparagus Sprengeri, 2½ in. 3c; 4 in., 10c. Spirea Cladstone, two houses of our own importation, direct from Holland, full of buds, 5½ to 6 in. pots, at 25c, 35c to 75c. Dracena Bruni, 25 to 30 in. high, 6 in. pots, 40c to 50c. Highly recommended for store and house decoration: stands heat, cold and dust.

Latania Borbonica (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each. Kentia Forsteriana, in fine shape, 6 in. pots, 30-35-40-45 in. high, 4-5-6 years old, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

Kentia Belmoreana, 30-35-40 in. high, 5-5½-6-7 in. pots, 5-6-7 years old, \$1.25, \$1.50 to \$2.00 each. Kentia Belmoreana, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25 to \$1.50; 4 in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine. Boston, Scottii, Whitman and Scholzei, 5½ and 6 in., 35c, 40c and 50c; 7 in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not rooted from bushes.

Neph. Glatrasii, a new beautiful fern, an improvement on Scottii, much shorter and bushier than Scottii, 5½ in. pots, 50c; 3 in. pots, 25c.

Ferns for dishes, best assortment, 2½ in. pots, at \$4.00 per 100.

Crimson Rambler Roses, 6 in. pots, 3 feet high, nicely staked up and bent down, 50c to 75c.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

**GODFREY ASCHMANN**  
1012 W. Ontario St., PHILADELPHIA, PA.

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Send Advertisements Early for Best Display.

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|                                                                            | Per 100 | Doz.   |
|----------------------------------------------------------------------------|---------|--------|
| <b>Azalea Mollis</b> .....                                                 | \$35 00 | \$4 50 |
| <b>Lilac</b> , Charles X. Marie Le Graye, extra size, for 8-in. pots ..... |         | 10 00  |
| <b>Dicentra Spectabilis</b> .....                                          | 6 00    |        |
| <b>Aucuba</b> Variegated, for window boxes, 12-15 in. ....                 | 4 00    |        |
| <b>Aucuba</b> , fine plants, 18-24 in. ....                                | 9 00    |        |

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Nurserymen, Florists and Planters,

## ROSES.

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**H. T.**, low budded 2-yr., fine stock for forcing in pots, ..... \$20 00 per 100

**Crimson Rambler**, home grown, 2-year old, 2-3 ft. Per doz. 100

well branched, own roots ..... \$2 00 \$12 00

2-year old, 2-3 feet, well branched, budded ..... 2 00 12 00

3-year old 3-4 feet, well branched, own roots ..... 3 00 15 00

3-year old 4-5 feet, well branched, budded ..... 3 00 15 00

**Dorothy Perkins**, strong field grown, ..... 2 00 15 00

**Baby Rambler**, half standard, 30 in. high ..... 9 00 15 00

**Lady Gay** 2-year old, ..... 15 00

**Baby Rambler**, dormant, field grown, selected, budded plants, ..... 16 00

A visit to our greenhouses and nursery will convince you we have the quality that gives satisfaction.

We have a fine selection of nursery products. Shall be pleased to give special prices on lists.

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We have a large quantity and fine assortment of small **Evergreens**, for Winter Boxes and Vases, 10-12 inches, \$20 00 per 100; 12-15 inches, \$25 00 per 100; 15-18 inches, \$35 00 per 100.

Order early to save heavy express charges; Ask for Wholesale Catalogue.

RUTHERFORD, N. J.

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**Geraniums**, Nutt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; Viand, Castelle, Feitevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
**Whitman Ferns**, 4-in. 25c each. 5-in. 35c.  
**Boston Ferns**, 5-in. 25c each.  
**Vinca Virens**, 2-in. \$2.00 per 100.  
**Dracena Ind.**, 4-in., \$10.00 per 100.  
**Dracena Ind.**, 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
**Anagallis Sprengeri**, 2-in. \$2.50 per 100.  
**Heliotrope**, Blue, R. C., \$1.00 per 100.  
Cash with order.

GEO. M. EMMANS, Newton, N. J.

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Spring List ready

200 old and new sorts, 2½ and 4-in. on own roots.

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SPRINGFIELD-OHIO

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**BEACON**, \$3.00 per 100;

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**ROSE PINK and WHITE**

**ENCHANTRESS, WINSOR,**

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We can fill orders from 1000 to 100,000 and guarantee the stock.

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JOLIET, ILL.

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Verbenas!

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**Daisies** and **Forget-me-nots**, fine plants \$2.50 per 1000.

**Primula Chinese**, **Cineraria**, **Asp. Sprengeri**, **Snagdragons**, **Giant double Petunias** (Dreer's) fine plants out of 2½ inch pots, \$2.00 per 100; \$5.00 for 300.

**Violets**, field grown, **Lady Campbell** to clean out, \$3.00 per 100; \$25.00 per 1000.

J. C. SCHMIDT, Bristol, Pa.



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Department 'N'

Detroit, Mich.



## WHAT THE USERS SAY

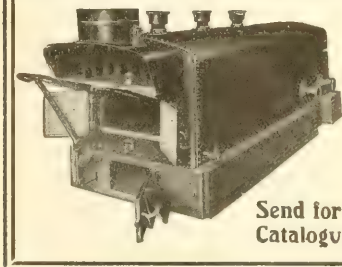
## Heats up Some and Quick.

ALVA, OKLA., Jan. 4th, '11.  
 Gentlemen:— I thought I had better let you know something about the heating plant you sold me. Well, we had a blizzard here the last three days and nights and the thermometer went down to 11° below zero. Most everything in town froze up and people lost all their plants, but we are doing business at the old stand. We had no trouble to keep on the water in the boiler to 170 and maintained growing temperatures in houses with part of the piping turned off. We are sure we can hold the temperature at 20 below zero. This boiler and piping system surely heats some and quick.

W. R. MAXWELL.

Send for Catalogue

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.



# Ready Reference Section.

10 CENTS PER LINE, NET.



## AGERATUMS.

Ageratums, 3-in., \$4 per 100; \$35 per 1,000; rooted cuttings, \$5 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ageratum, 6 var., 2-in., \$2; \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ALTERNANTHERAS.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.

Alternantheras, red and yellow: rooted cuttings, 6c per 100; \$5 per 1,000; 2 1/2-in., \$2 per 100; \$18 per 1,000. Mosbak Greenhouse Co., Onarga, Ill.

Alternantheras, 3 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria excelsa, 3 tiers, 50c each; \$6 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Araucarias. McHutchinson & Co., 17 Murray St., New York.

## ASPARAGUS.

Asparagus plumosus, extra heavy out of 3 1/2-in. pots, \$4.50 per 100. Sprenger, 3 1/2-in., \$4 per 100. Wagner Park Conservatories, Sidney, O.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5 1/2 per 100. Sprenger, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, 2 1/2-in., \$3 per 100; \$27.50 per 1,000; 3-in., \$6 per 100. Asparagus Sprenger, 2 1/2-in., 2c; 3-in., 4c; 4-in., 5c. Mosbak Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus seed, per 1,000, \$4; 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Potbound 3-in. Sprenger, can be shifted into 5-in., \$8 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprenger, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus and Sprenger, 2-in., \$2 per 100. Plumosus seed, \$2.50 per 1,000; 60c per 100. Jos. H. Cunningham, Delaware, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprenger, extra heavy, 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprenger, 2 1/2-in., \$2 per 100 J. C. Schmidt, Bristol, Pa.

Asparagus Sprenger, 3 1/2-in., \$5 per 100. Henry Daut, Decatur, Ill.

Asparagus Sprenger, 5-in., 15c. Storrs & Harrison Co., Palestine, O.

Asparagus Sprenger, 2 1/2-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## AUCUBAS.

Aucubas, var., 12-15 ins., \$4 per doz.; 18-24 ins., \$9. Bobbink & Atkins, Rutherford, N. J.

## AZALEAS.

Azaleas. Jacs Smits, Naarden, Holland.

## BAY TREES.

Bay trees. McHutchinson & Co., 17 Murray St., New York.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEGONIAS.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2 1/2-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Palestine, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood. McHutchinson Co., 17 Murray St., New York.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000. Double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Gladioli "1900," color, rich red, 2nd size bulbs, 1 1/2 to 1 3/4-in., \$7 per 1,000; 3rd size bulbs, 1 to 1 1/4-in., \$2 per 1,000. Thomas J. Oberlin, Sinking Spring, Pa.

Bulbs, hyacinths, tulips, daffodils, gladioli, iris, peonies, dahlias, spireas, Gt. Van Waveren & Knuff, 491 Bourse Bldg., Philadelphia.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs, Calla Eliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, Japanese lilies, giganteum, multi-florum, etc. McHutchinson & Co., 17 Murray St., New York.

Bulbs, Lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, Arthur T. Boddington, 342 W. 14th St., New York.

500 tuberoses, \$2. Las Palmas Greenhouses, Palo Alto, Calif.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mile. Berat, Chicago. Inoquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. No. 8 20th Century red, \$5 per 100. Strictly cash. Neff National Floral Co., Bellevue, Pa.

Cannas, Sec. Chebanne, Cinnibar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

## CARNATIONS.

Carnations, strong, healthy, well rooted cuttings, Beacon, \$2.50 per 100. Enchantress and Winsor, \$2 per 100. H. E. Mitting, Atchison, Kans.

Strong, well rooted pure White Enchantress, Lawson-Enchantress and Enchantress, \$20 per 1,000. White Enchantress, Nashville, Tenn.

ROOTED CARNATION CUTTINGS.  
March 15 Delivery 100 1000  
Washington, cerise, a sport from Enchantress \$10.00 \$75.00  
Princess Charming, beautiful flesh pink 12.00 100.00  
Sangamo, brilliant flesh 6.00 50.00  
Mary Tolman, deep flesh 6.00 50.00  
Scarlet Glow 6.00 50.00  
J. Whitcomb Riley, yellow 6.00 50.00  
6.00 50.00  
May Day, flesh pink 3.00 25.00  
Enchantress 3.00 25.00  
Alvina, rose 3.00 25.00  
White Enchantress 3.00 25.00  
Victory 3.00 25.00

CHICAGO CARNATION CO.  
35-37 Randolph St. Chicago.

## ROOTED CARNATION CUTTINGS.

Washington 100 1000  
Sangamo 3.00 25.00  
Mary Tolman 6.00 50.00  
Conquest 6.00 50.00  
White Enchantress, March delivery 3.00 25.00  
May Day, March delivery 3.00 25.00  
Beacon, March delivery 3.00 25.00  
White Perfection 2.50 20.00  
Enchantress 2.50 20.00  
Winona 2.50 20.00

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.  
Well rooted carnation cuttings, Beacon, Enchantress, White Enchantress, R. P. Enchantress, \$2 per 100. Wright's Greenhouses, Pittsburg, Kansas.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Shepard's Garden Carnation Co., 292 Fairmount St., Lowell, Mass.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanoka, \$6 per 100; \$50 per 1,000. Enchow, \$12 per 100; \$100 per 1,000. Wanoka Greenhouses, Barneveld, N. Y.

Carnation, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dornier & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Vincennes, Pa.

Carnation Bonfire, \$12 per 100; \$100 per 1,000. E. G. Hill Co., Richmond, Ind.

Carnations, leading varieties, Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

Carnations, A. M. Herr, Lancaster, Pa.

## CHRYSANTHEMUMS.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, the best leading varieties, \$1.50 per 100; \$12 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cineraria, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis paniculata, strong, \$10 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COBEAS.

Cobea Scandens, 2-in., 4c. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, Standard varieties including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000; 2 1/2-in., 2c. Mosbak Greenhouse Co., Onarga, Ill.

Coleus, G. Bedder, Verschaffeltii, \$6 per 1,000; standard asst., \$5; giant leaved, \$10. A. M. Herr, Lancaster, Pa.

Coleus, Golden Bedder and Verschaffeltii, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, yellow, red and variegated, 2-in., heavy, \$2 per 100. Wagner Park Conservatories, Sidney, O.

If You Do-Not Find What You Need in Our Ready Reference Department, Write Us About It



Coleus, rooted cuttings, eight standard varieties for immediate delivery, 75c per 100; \$6 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Coleus, Golden Bieder, Verschaffelt and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

### CROTONS.

Crotons, 5-in., 75c each; \$9 per doz., 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

### CUTTINGS.

#### ROOTED CUTTINGS.

Ageratum, blue ..... \$3.00 per 1,000  
German Ivy ..... \$3.00 per 1,000  
Salvia Splendens ..... 6.00 per 1,000  
Chrysanthemums, Bonafont ..... 3.00 per 100  
Chrysanthemums, Buckbee ..... 3.00 per 100  
Chrysanthemums, Eugenehard ..... 3.00 per 100

STOCK PLANTS OF CHRYSANTHEMUMS.  
Bonafont, yellow ..... \$3.00 per 100  
Eugenehard, pink ..... 3.00 per 100  
GEO. WITTBOLD CO., Chicago, Ill.

### CYCLAMENS.

Cyclamen, transplanted seedlings, Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 2 1/2 in., J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### DAHLIAS.

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias and other hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 382, Denver, Colo.

Dahlia Mrs. Minna Buegle, \$1 each, \$9 per doz. Paul H. Eckelmann, San Rafael, Calif.  
Dahlias, choice, \$50 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

### DAISIES.

800 Shasta daisies, divided roots, Alaska strain. Las Palmas Greenhouses, Palo Alto, Calif.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

Daisies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

### DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena undivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena undivisa, extra strong, 2 1/2-in., one-year-old, \$2 per 100; \$25 per 1,000. Cash. Henry Daut, Decatur, Ill.

Dracena Bruntii, 6-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena undivisa, 4-in., \$10 per 100. Geo. M. Emmons, Newton, N. J.

### FERNS.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$60 per 1,000; 4-in., \$10 per 100; \$150 per 1,000; 5-in., \$12 per 100; \$100 per 1,000. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, Boston, Pierson, Scott, 2 1/2-in., 4c; 3-in., 5c; Elegantiissima and Whitman, 2 1/2-in., 3c; 3-in., 10c. Special prices on large specimen ferns. Mosbek Greenhouse Co., Onarga, Ill.

Ferns. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Pierson, Elegantiissima, Barrows, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Scholzel, 2 1/2-in., \$5 per 100; 5-in., \$6 per doz.; \$40 per 100. Storrs & Harrison, Painesville, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c. Boston, 5-in., 25c. Geo. M. Emmons, Newton, N. J.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on first cover page of this issue. F. R. Pierson Co., Turfway-Hudson, N. Y.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000. Frank Oeschlin, 4911 Quincy St., Chicago.

Neph. Giatrasi, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Giatrasi, 463 Summit Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

### FICUS.

Ficus, McHutchison & Co., 17 Murray St., New York.

### FORGET-ME-NOTS

Forget-me-nots, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

### FUCHSIAS.

Fuchsias, 6 vars., 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Fuchsias, 2 1/2-in., \$4 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

### GERANIUMS.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$3; 3-in., \$1 per 100. J. C. Castellano, Poitevine, Jaulia, Ricard, Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmons, Newton, N. J.

ROOTED CUTTINGS. At stock, Nutt, Grant, Poitevine, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery March 1st to 10th. The W. T. Buckley Co., Springfield, Ill.

Geranium Mme. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Geraniums. For varieties and prices see advertisement on front cover page. R. Vincent, Jr. & Sons Co., White Marsh, Md.

RED WING, the best 1910 novelty, deep cardinal red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mme. Sallerol, 2 1/2-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, 15 leading varieties, 2 1/2 in., \$5; 3 1/2 in., \$6 per 100. Leo Wellenreiter, Danvers, Ill.

Geraniums, S. A. Nutt, \$11.50 per 1,000; Ricard and Poitevine, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and 6 others, 2 1/2-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

### GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Out Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, wild smilax, 60-lb. case, \$5. Fancy and dagger ferns, 10,000 to case, \$1.25 per 1,000. National Floral Co., Bellevue, Pa.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cosmons & Co., 50 W. 25th St., New York.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Minter, Ala.

### HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Bellis and pansies, seedlings, \$4 per 1,000. Heliathus multicolors, 6 in., \$10 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### REAL NOVELTIES AND NOVEL REALITIES IN HARDY PLANTS.

The biggest collection offered anywhere, is found in our NOVELTY CATALOGUE, just out of great interest to the amateur and commercial grower alike. It describes and illustrates uncommon plants of singular beauty, desirability, and simplicity of growth; inexpensive to acquire. Besides, our low prices, plants are big, making them valuable, in small or large quantities. Mailed along with our illustrated wholesale catalogue of HARDY PERENNIALS, etc., on receipt of three 2c stamps, which pays postage only, and which amount is credited on first order.

PALISADES NURSERIES, Inc., Sparkill, N. Y.

Imperative to mention this paper.

Hardy herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

### HELIOTROPES.

Heliotrope Cœtêfleur, \$10 per 100. E. G. Hill Co., Richmond, Ind.

Heliotrope, 5 vars., \$3 per 100; \$25 per 1,000. Storrs & Harrison Co., Painesville, O.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmons, Newton, N. J.

### HYDRANGEAS.

Hydrangeas, Dr. Thomas Hogg, pure white, pot-grown, in splendid condition for spring blooming, 4-in. pots, branched, \$10 per 100; 5-in. pots, \$15; 6-in. pots, \$20; 7-in. pots, \$25 per 100. Hydrangea Otakis, pot-grown, 5-in. pots, branched, \$15; 6-in. pots, \$20; 7-in. pots, \$25. Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

### IVY.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

### ISMENE.

Ismene Calathina, large size, \$4 per 100; small size, \$2 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### LANTANAS.

Lantanas, 6 vars., 2-in., \$2; \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

### LILACS.

LILACS, Marie LeGrave, pot-grown for forcing, \$1 each; \$9 per doz.; Chas. X. pot-grown, for forcing, \$1 each; \$9 per doz.

THE GEO. WITTBOLD CO., Chicago, Ill.

Lilacs, Charles X. 50c each; \$5 per doz. Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jas Smits, Ltd., Naarden, Holland.

### LILY OF THE VALLEY.

#### To Import.

Lily of the valley, Jas Smits, Ltd., Naarden, Holland.

Lily of the valley. For prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Lily of the valley, Premium dormant, \$2 per 1,000. International dormant, \$10. London Market (storage), \$14. Vaughan's Seed Store, Chicago.

Lily of the valley pips, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley pips, Hamburg or Berlin type, McHutchison & Co., 17 Murray St., New York.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

#### From Storage.

Lily of the valley pips, \$1.50 per 100; \$14 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

### LOBELIAS.

Lobelia Kathleen Mallard and Newport Model, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lobelia Kathleen Mallard, 2 1/2-in., \$2 per 100. Henry Daut, Decatur, Ill.

### MANETTI.

Manetti, English, \$12 per 1,000. French, \$10. Jackson & Perkins Co., Newark, N. Y.

### MOSS.

Sphagnum moss, 10-bbl. bales, \$4 per bale; 5-bbl. bales, \$2.25 per bale. Rooted peat, 90c per sack. J. H. Sprague, Barneart, N. J.

### MUSHROOM SPAWN.

Mushroom Spawn, English. 25 lbs., \$2.00; 100 lbs., \$6.50; American, 25 bricks, \$3.50; 100 bricks, \$12. Vaughan's Seed Store, Chicago and New York.

Mushroom Spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

### NURSERY STOCK.

NURSERY STOCK.—2,000 Spirea Van Houttei, 18 to 24 ins., \$5 per 100; 1,000 Forsythia Viridissima, 12 to 18 ins., \$4 per 100; 1,000 Deutzia Pride of Rochester, 18 to 24 ins., \$4 per 100; 1,000 Philadelphus 12 to 18 ins., \$4 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, Junipers, Japan maples, hydrangeas, Jas Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andora Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vite (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

Hammells Virginia, 50,000 extra fine transplanted.  
Hammells Virginia (Witchazel).

|                                                                |         |             |
|----------------------------------------------------------------|---------|-------------|
| 3 to 5 feet, 3,000, \$100.....                                 | Per 100 | 1,000       |
| 4 to 6 feet, 2,000, \$100.....                                 |         | 7.00 60.00  |
| 5 to 7 feet, extra heavy.....                                  |         | 10.00 90.00 |
| 20,000 Spruce Van Houttel, 6 to 18 in.                         | 1.50    | 12.00       |
| 15,000 Spruce Van Houttel, 18 to 30 in.                        | 3.00    | 25.00       |
| 10,000 Spruce Coronatus (sweet scented), 1 to 2 feet.....      | 3.00    | 25.00       |
| 12,000 Forsythia Viridissima, 1 to 2 feet.....                 | 4.00    | 35.00       |
| 10,000 Forsythia Viridissima, 2 to 3 feet.....                 | 2.00    | 20.00       |
| 12,000 Calycanthus (sweet shrub), transp., 2 to 3 feet.....    | 3.00    | 25.00       |
| 8,000 Calycanthus (sweet shrub), transp., 3 to 4 feet.....     | 5.00    | 40.00       |
| Weigela in assortment, 2 to 3 ft.                              | 3.50    | 30.00       |
| Straw Japonica, transp., 4 to 6 feet.....                      | 12.00   | .....       |
| 200,000 California privet, light grade, 6 to 14 in.            | 5.00    | 40.00       |
| 100,000 California privet, 2 branches and up, 1 to 2 feet..... | 7.00    | 60.00       |
| 50,000 California privet, 2 branches and up, 2 to 3 feet.....  | 10.00   | 90.00       |

Above is good fresh stock. Offer made to close them out. Box free. F. O. B. Send for trade list. FOREST NURSERY AND SEED CO., McMinville, Tenn.

## ORCHIDS.

Orchids, Importers, exporters, growers and hybridists, Sander, St. Albans, England; New York office, room 721, 255 Broadway.  
Orchids, all commercial, catleyas and novelties. Carillo & Baldwin, Secaucus, N. J.  
Orchids. Largest stock in the country. Julius Reehs Co., Rutherford, N. J.  
Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utilis, 3-in. \$2 per doz.; \$15 per 100; 4-in. \$3 per doz.; \$25 per 100; 6-in. \$9 per doz.; 7-in. \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

Pansies (transplanted): these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$5 per 1,000. F. A. Bauer, Bloomington, Ill.  
Pansies, Trimaudeau and Vaughan's giant mixture, \$5 per 1,000. Mosbak Greenhouse Co., Onarga, Ill.  
Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

## PALMS.

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Atlanta Box, \$2; \$8 per 100; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.  
Phoenix Canariensis, 2 to 2 1/2 ft., 60c; 2 1/2 to 3 ft., 70c; 3 to 3 1/2 ft., 95c; 3 1/2 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.  
Palms, Kentia Bel., 2 1/2-in., \$8 per 100; 3-in., \$15 per 100; 4-in., \$35; 5-in., \$60. Storrs & Harrison Co., Painesville, O.  
Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.  
Palms, Kentias, McHutchison & Co., 17 Murray St., New York.  
Palms, Kentias, Joseph Heacock Co., Wyncote, Pa.  
Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

## PEONIES.

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.  
Peonies, McHutchison & Co., 17 Murray St., New York.

## PETUNIAS.

Double petunias, mixed, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## POINSETTIAS.

Poinsettias, stock plants from 6-in. pots, \$10 per 100; 5-in. pots, \$7.50; 4-in. pots, \$5 per 100. Expressage paid. They are fine and scarce. Don't get left again. Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

## PRIMULAS.

Primula chinensis, 5 1/2-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.  
Primulas, Chinese, 2 1/2-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

## PRIVET.

Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

Ligustrum Itoha, \$5 per 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co., Office: Worcester, Mass. Nurseries: Castle Hayne, N. C.

## RHODODENDRONS.

Rhododendrons, McHutchison & Co., 17 Murray St., New York.  
Rhododendrons, Bobbink & Atkins, Rutherford, N. J.  
Rhododendrons, Jacs Smits, Naarden, Holland.

## ROSES.

Rose Queen, \$35 per 100, own roots; \$40 for grafts. Mrs. Aaron Ward, \$12 per 100; \$100 per 1,000; \$35 per 100 for grafts. E. G. Hill Co., Richmond, Ind.  
Roses, Lady Hillingdon, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Tutty, Madison, N. J.  
Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.  
Roses, 2 1/2-in. For varieties and prices see advertisement elsewhere in this issue. Good & Reese Co., Springfield, O.  
Roses on own roots, budded, bedding, H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

White Bay Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. For prices and varieties see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, hybrid perpetual and Ramblers. Jackson & Perkins Co., Newark, N. Y.  
Roses, Newport Pairy, 50c each; \$20 per 100. Julius Reehs Co., Rutherford, N. J.  
New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leedle Floral Co., Springfield, O.

Roses, 50 leading varieties. Wagner Park Conservatories, Sidney, O.

Roses, McHutchison & Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

## SALVIA.

Salvia, Zurich, rooted cuttings, 1c prepaid; 2-in., \$2; J. L. Schiller, Toledo, O.  
Salvia Zurich and Splendens, rooted cuttings, 1c; 2 1/2-in., 2 1/2c. Mosbak Greenhouse Co., Onarga, Ill.  
Salvia Splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

## SEEDS.

ASPARAGUS PLUMOSUS NANUS SEED, house-grown; a high grade seed and absolutely true to name.  
1,000 seed.....\$2.50  
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5,000 seed.....\$2.25  
20,000 seed.....\$1.75

On larger quantities write for quotations.  
LOS ANGELES FLOWER MARKET, 414 1/2 So. Broadway, Los Angeles, Calif.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, snail, C. Morse & Co., 48-58 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Fredricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, Archias' Seed Store, Box 52, Sedalla, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 10th St., New York.

Seeds, flower. Frederick Roemer, Quединburg, Germany.

Seeds, flower, J. J. H. Gregory & Son, 115 Elm St., Marblehead, Mass.

Seeds, Landreth Seed Establishment, Broomdale Farms, Bristol, Pa.

Seeds, Arthur T. Roddington, 342 W. 14th St., New York.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

## Contract Growers.

CONTRACT NOW for Southern-grown WATERMELON SEED and GEORGIA COLLARD SEED. Grown in Southern soil, producing per-seed of highest germination tests. We also contemplate growing VELVET BEANS another season. If interested, write quick. It's our pleasure to answer promptly. MAULDIN BROS., Box 41, Cairo, Ga.

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flat and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohrbert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quединburg, Germany.

Seeds. Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Rottzahn Seed Co., Arroyo Grande, Calif.

For Southern Seeds—Headquarters. N. L. Willet Seed Co., Augusta, Ga.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

## SHAMROCKS.

Shamrocks, 2-in., \$5 per 100. Frank Oechslin, 4911 Quincy St., Chicago.

## SMILAX.

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robinson & Co., Pine Apple, Ala.

Smilax, Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snaptagons, seedlings, 1c; 2 1/2-in., 2c. Mosbak Greenhouse Co., Onarga, Ill.

## SPIREAS.

Spiraea Gladstone, 6-in., bud, \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Spires, J. Smits, Ltd., Naarden, Holland.

## STOVE PLANTS.

Store plants and crotons. Finest collection. Julius Reehs Co., Rutherford, N. J.

## TRADESCANTIA.

Tradescantia, rooted cuttings, 60c per 100. Mosbak Greenhouse Co., Onarga, Ill.

## VERBENAS.

Lemon verbenas, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

## VINCAS.

Vincas, var. and green, 2 1/2-in., \$2.50 per 100. Hardy Vincas, runners from outside, strong, \$1. Leo Wellenreiter, Danvers, Ill.

Vinca variegata, 2 1/2-in., \$2.50 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Vincas, variegated, strong 2-in., \$2 per 100; \$18 per 1,000. C. Humfeld, Clay Center, Kans.

Vinca variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Vinca, var., 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

## VIOLETS.

For Sale—Violet Plants, Princess of Wales Luxonne, California, well rooted plants, clean and healthy, \$1 per 100; \$8 per 1,000. Cash with order. Jacques Gilmet, Moylan, Del. Co., Pa.

Violets, 2,000 California, 1,000 Princess of Wales, \$10. Las Palmas Greenhouses, Palo Alto, Calif.

Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

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**STOCK WANTED.**

Wanted: 200 Begonia glabra de Lorraine, 2½ in. L. L. May & Co., St. Paul, Minn.

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Ambling Co., E. C., 19-21 Randolph St., Chicago.  
Angermueller, Geo. H., 1224 Pine St., St. Louis, Mo.

Badgley, Riedel & Meyer, Inc., 28 W. 28th St., New York.

Deamud Co., J. B., 51 Wabash Ave., Chicago.

Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 57 W. 28th St., New York.

The Florists' Exchange, 129 13th St., N. W., Washington, D. C.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 51 Wabash Ave., Chicago.

Holton & Hunkel Co., 462 Milwaukee St., Milwaukee.

Hunt, E. H., 76 Wabash Ave., Chicago.

Kasting Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennett Bros., Geo., 48-50 Wabash Ave., Chicago.

Kessler Bros., 136 W. 28th St., New York.

Kruchten, John, 51 Wabash Ave., Chicago.

Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 51 Wabash Ave., Chicago.

Kuehler, Wm. H., 28 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 28th St., New York.

Lery, Joseph J., 56 W. 26th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCollough's Sons Co., 316 Walnut St., Cincinnati.

McKellar, Chas. W., 51 Wabash Ave., Chicago.

Millang, Aug., 41 W. 28th St., New York.

Millang, Chas., 55 W. 26th St., New York.

Moltz, A. C., 55 W. 26th St., New York.

Moore, Hentz & Nash, 55 W. 26th St., New York.

Mink Floral Co., Columbus, O.

N. Y. Cut Flower Exchange, Coogan Bldg., New York.

Nissen Co., The Leo, 1209 Arch St., Philadelphia.

Pegnot-Mechau Co., S. S., 169 W. 28th St., New York.

Pittsburg Cut Flower Co., 121 7th St., Pittsburg.

Pittsburg Florists' Exchange, 15 Diamond Sq., Pittsburg, Pa.

Randall, A. L. Co., 19-21 Randolph St., Chicago.

Rice Bros., 115 6th St., Minneapolis, Minn.

Robinson & Co., H. M., 15 Province St., Boston.

Sheridan, Walter F., 131 W. 28th St., New York.

Siebrecht & Siebrecht, 136 W. 28th St., New York.

Smith, P. J., 49 W. 28th St., New York.

Treadwell & Schenck, 131 W. 28th St., New York.

Vaughan & Sperry, 52 Wabash Ave., Chicago.

Weiland & Risch, 59 Wabash Ave., Chicago.

Welch Bros., 226 Devonshire St., Boston, Mass.

Weiss & Sons, Charles, 128 W. 28th St., New York.

Young & Co., A. L., 54 W. 28th St., New York.

Zerk & Mann, 51 Wabash Ave., Chicago.

**BOILERS.**

Boilers, The Moninger-Furman, 200 sizes and styles, John C. Moninger Co., 962 Blackhawk St., Chicago.

Boilers, The Superior Standard, The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1294 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular, Johnston Heating Co., 131 E. 20th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Irwin Sts., Chicago.

Wills' self-heating hot water boilers, S. Wills Mfg. Co., 3303 Shields Ave., Chicago.

Boilers, all sizes, Kroeschell Bros. Co., 452 W. 4th St., Chicago.

Boilers for greenhouses, Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

**BUILDING MATERIAL.**

Building material, Louisiana cypress, pecky cypress, hothed sash, S. Jerome & Sons, 1337 Flushing Ave., Brooklyn, N. Y.

Building material, Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer, greenhouses and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Neponset, Boston, Mass.

Building material of all descriptions for all cypress semi-iron frame or truss houses. Hothed sash and frames. Lord & Burnham Co., 1133 Broadway, New York.

Building material, cypress, sash bars, greenhouse material of any description. Write for catalogue. John C. Moninger Co., 962 Blackhawk St., Chicago.

Cypress for greenhouse construction, benches, etc. Baker-Wakefield Cypress Co., Ltd., Platenville, La.

Building material, greenhouse material and hothed sash of Louisiana cypress and Washington red cedar. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Building material, cold frames, hothed sash. Hitchens & Co., 1170 Broadway, N. Y.

**GOLDFISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue.

AUBURNDALE GOLDFISH CO., Chicago, Ill.

920 Randolph St.

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Glazing pointers: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Nostrup. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Sichert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

**GUTTERS.**

Gutters, Jennings' improved iron gutters, Miller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Schaff Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and Fungicide, \$1.50 per gal., Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigator-Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stotholt Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Punk, \$6.50 per case of 12 paraffined boxes.

**MATS.**

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kennecott, Pa.

**MISCELLANEOUS.**

Draper's recording thermometers, 14x20 ins., \$30; 18x14 ins., \$20. The Draper Mfg. Co., 152 Front St., New York.

Iron reservoir vases and lawn seats, McDonald Bros., Columbus, O.

Vacuum heating system, Chicago Pump Co., 101 Fulton St., Chicago.

Maid extension carnation support; galvanized rose stakes, 100c Bros., 206 N. 9th St., Brooklyn, N. Y.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 E. Chambers St., New York.

New imported berists' baskets, The Rardin Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses, W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters, J. Lichtberger, 1244 Ave. A, New York.

Superior carnation staple, 1,000, 50c postpaid, L. J. Walte, 233 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid, I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects, Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures, Buchholder Bros., 518 Milwaukee Ave., Chicago.

Peerless glass repair clamp, \$1 per 100, A. Klokner, Wauwatosa, Wis.

Artificial flowers, The Chicago Artificial Flower Co., 4513 North 40th Ave., Chicago.

Poultry food, J. Belgiano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes, C. C. Pollwirth Co., Milwaukee, Wis.

Denison florist tags, Denison Mfg. Co., 26 Franklin St., Boston, Mass.

Florists' Supplies of all kinds, J. Jansky, 19 Province St., Boston.

Glass, Bar Window Glass Co., Eaton, Ind.

# A. DIETSCH COMPANY

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### Hot Bed Sash

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Pots, Florist red, Peters & Reed Pottery Co., Zanesville, O.

The Red Pot, C. C. Polkworth Co., All roads connect with Milwaukee.

### STAKES.

Cane Stakes, Standard grade, 6 to 8 feet, per 100, \$5c; 200 for \$3; \$5.50 for 1,000.

Pipe stakes, about 6 feet per 100, 40c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

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**SIEBERT'S ZINC**  
Never Rust  
**GLAZING POINTS**  
Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{8}$  and  $\frac{1}{2}$ , 40¢ per lb., by mail 16¢ extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.  
**RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburg.**

**Holds Glass Firmly**  
See the Point #2  
**PEERLESS**  
Glazing Points are the best. No rights or lefts. Box of 1,000 points 15 cts. postpaid.  
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Tacoma, Wash.

The weather has been very favorable all winter and the business generally very good, there was a let up after the holidays but normal conditions followed. The cut flowers are of good quality, but there has been a scarcity of roses and carnations. Violets are in good condition but the demand does not equal former years. There are not so many Roman hyacinths, Paper White narcissus and lily of the valley as formerly. Blooming plants are scarce, there being but a limited variety of these grown. The mildness of the weather has resulted in a general saving of fuel.

NOTES.

Mrs. M. E. Hayden has returned from a trip to California. She is handling a fine grade of carnations grown by F. C. Smith.

A. A. Hinz has a very fine line of stock. He has installed a new boiler. The Northwestern Floral Co. have closed the store on Pacific avenue.

G. Ekstrand, owing to poor heating facilities, suffered a bad freeze.

Mrs. Watrous, in the public market, has had a very busy season.

H. W. Walker has two new houses, 20x108 feet, ready to glaze.

S. L. H.

MARIETTA, O.—Henry J. Weber died February 12 after a short illness, aged 27 years. With the exception of three years spent in Des Moines, Ia., he had been identified with the florist business here. A mother, one brother and several sisters survive him.



## A Word to the West about Our Western Factory.

We have come right out and camped in the enemy's country, because we put our ear to the ground, and listening, heard sounds that unmistakable meant that you want better material and are going to build better houses. Some of you had already tried to buy houses of our Eastern factory but freight from so far knocked us out. But now we have a factory at Des Plaines, just 17 miles from Chicago Post Office, or four miles beyond the city limits. It is a factory after your own heart—up-to-date in every way. The raw materials go in one end and the finished product comes out the other and is loaded directly on the cars. Not an unnecessary move—not an ounce of power that doesn't count. What will this do for you? It means that we can compete and will compete with any other concern turning out a high grade of materials. But there will be this difference our construction is better—and dollar for dollar you will get more for your dollars. Mr. Sykes will make this clear as day to you. He knows greenhouse building from A to Z. Get in touch with him, he is the kind of man you like. Write him at the Rookery building, Chicago.

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St. James Building.

BOSTON  
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PHILADELPHIA  
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CHICAGO  
The Rookery



Can't you just see a duplicate of this house located right on your grounds and picture in your mind the hundred and one things you could grow in it. It is 50-ft. long with three compartments, a work room, and row of cold frames. It will cost you— but hold on, let us talk it over first then you will understand why we can build it so reasonably. We will gladly send you photos showing other points of view.

**Hitchings & Company** Elizabeth, N. J., and  
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**Boilers** OF HIGH  
GRADE...  
For GREENHOUSES

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are made so as to display your flowers to the best advantage. They can be lined with white enamel, opal glass, tile, mirrors or marble to suit your convenience. Write for our beautiful free catalog No. 72 which shows refrigerators for florists, both stock and built-to-order in all sizes and styles.

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INSECTICIDE AND FUNGICIDE  
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Non-poisonous and harmless  
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Kills Green Fly, Aphides, Bark Lice,  
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This is the Grower's Friend. Handy to  
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keeps down mildew. Circulars on applica-  
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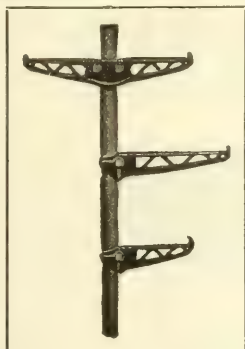
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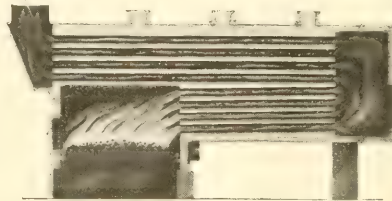
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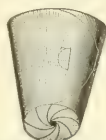
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Vol. XXXVI.

CHICAGO AND NEW YORK, MARCH 11, 1911.

No. 1188

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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at the Post Office at Chicago, Illinois,  
under act of March 3, 1879.

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324 Dearborn St., Chicago.

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Annual Convention at Baltimore, Md., August,

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FEWKES, Newton Highlands, Mass., Secretary.

## SUGGESTIONS FOR PLANT GROWERS.

### Asters.

The last of June invariably sees the carnations approaching the end of their season and growing poor in quality, and something is necessary to take their place, especially in funeral work, and an early aster fills in very nicely, and can be very easily and cheaply grown. Seed sown the first of March and grown in flats until after Easter will make splendid plants to bench up at that time, and will be in bloom early enough to take the place of the waning carnations. Much of the bedding stock after the middle of April is far better off in cold frames, and there should be plenty of bench room in which to plant this young stock. Secure a good strain of the Victoria asters and as the demand will be mostly for white, have a large proportion of this color, as there is but little call for any but the lighter shades. If there is no room that can be spared in the houses the aster plants can be set out in cold frames and protected by sashes as long as required, and while these will probably not bloom quite as early as those benched in the houses, yet they will be much earlier than plants set out in the open ground.

### Memorial Day Preparations.

There is always a demand for a large quantity of the cheaper grades of flowers for Decoration Day, and the time for starting the different flowers wanted should be carefully noted, so that they may be in fit condition at that time. With the quantity of stock now coming on which will need repotting it is a great question where to find room for it all. The carnation crop will increase very rapidly after the middle of March and growers as a rule have a large number of flowers to throw away during the spring, and it is sometimes better to throw out part of a bench and plant something else that will give better returns. There are a number of flowers that can be brought along for this great floral day. Candytuft makes a very good crop to bring in for this purpose, and seed sown early in March will

produce plants that will be a mass of flowers by May 30, and they will take but little room until after Easter. Another crop that is very useful at that time is feverfew. Good strong plants benched the first or middle of March will be in full bloom at Decoration Day, and to the grower who has many bouquets to make, these flowers will be a great boon. White and colored stocks are also very useful, the variety Apple Blossom, producing flowers of light pink, is especially good. There is always a place for stock of this kind at that time, and after the flowers are cut the old plants thrown out and room made for other crops.

### Tuberous Begonias.

A bed of flowering plants is often desired in a location far too shady for many of the varieties of plants in use for bedding out purposes. While it is not advisable to attempt any blooming plants under trees bearing heavy foliage, yet, the tuberous begonia will grow and bloom much better in partial shade than in sunny positions. While they will do fairly well under trees, yet the north sides of buildings are more preferable. They can be raised from seed, which, if sown in March, will produce plants that will flower late in summer, but two year old tubers are more satisfactory for continual blooming. For early flowering, the tubers should be started in February and March, either in small pots or in flats. The soil should be of fibrous loam, with a liberal addition of sand and leaf-mold. They should be placed in a temperature of 60° to 65°, and carefully and sparingly watered until the growths appear, when they should be put in three and a half or four inch pots, and a little rotted manure should be added to the soil at this potting. When the roots have obtained a good hold in the new soil, they can be grown in a cooler temperature. They can be planted out during May and June according to locality. If it is desired to grow the tubers for another year, a fine strain of seed should be procured, which should be sown very thinly in a shallow box or seed pan. Sufficient cov-

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ering will be given by firmly pressing the soil down level. The pan should be kept dark for a few days, by covering with a light of glass, which should be shaded, either by white-wash, paint or paper, and placed in a temperature of 75°. As soon as the seedlings appear, the covering should be removed, and when the plants have roots a quarter of an inch long they should be pricked off and potted in nicely prepared soil, the component parts to be the same as for starting the bulbs.

#### Sweet Peas.

An early crop of sweet peas is a great want by some growers, and in the northern sections of the country, the seed cannot be sown out of doors much before the first of April, which will not give flowers until well along in July. Seed sown in 3-inch pots the first of March will be in fine condition to set out in the ground early in April, and will produce fine flowers just as the greenhouse crop is about getting through. This seed should be sown five or six seeds in a pot about an inch deep and placed in a cool house. Water very carefully until the seed is about two inches high when more water can be given. As soon as the severe frosts are through, they can be planted in trenches outdoors, set rather deep, so that as they grow the soil may be hoed around them. They should be provided with something upon which they can climb at once, either brush or wire.

#### Verbenas.

There has been more or less trouble for the last few years with rust on verbenas and while the custom was to carry over some of the better strains and root cuttings, many growers, owing to the plants developing rust during the winter, depend upon plants raised from seed. The seed of very fine strains can now be purchased and excellent results obtained from plants raised in this manner. They can be purchased in either mixed or separate colors. The seed should be sown early and the plants potted off in two-inch pots and when about two inches tall the tip nipped out in order to make the plant branch and become bushy and they will be in bloom the first of June at the time wanted for bedding out. Plants raised in this manner are much preferable to the small, spindly, single stem plant with a small flower on the top so often seen on the market, and they are worth two of the latter and are much more satisfactory.

#### Geranium Leaves Being Eaten.

ED. AMERICAN FLORIST:

I send you samples of geranium leaves which are being eaten. Can you inform me what is causing the damage, and what to do for a remedy?

ENQUIRER.

The leaves arrived in a very dry condition, crumbling upon opening the enclosure, and it was impossible to ascertain where the leaf had been eaten. If the leaves are being eaten it is, however, very probable that it is being done by cut worms. These worms work at night and can be picked off by hand, or where upon plants such as geraniums from which flowers are not to be cut, the plants may be sprayed with a weak solution of paris green, which will be found very efficacious.

W.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Stollery Bros., Chicago.

In the residential part of Chicago are some very nicely equipped and pretty retail flower stores, and one on the north side of the city on Wilson avenue, conducted by Stollery Bros., is especially so, being surrounded by homes and residences of well to do people, and in close proximity to cemeteries whose lot owners are among the wealthiest people of the city. This firm enjoys a very select and fine business. The store has in the rear a large room devoted to plants, which is lighted with large skylights giving a greenhouse effect, and here are always assembled a nice collection of decorative and blooming plants. The illustration shows how effective such a room can be made and how decorative it makes a store appear, for as one enters the door it looks as if he were entering a greenhouse and nowhere are well grown plants more effectively shown than under good light.

### St. Patrick's Day Suggestions.

#### BUFFET LUNCHEON.

Make a center piece of white orchids arranged in a cut glass vase, place this in a round hedge made of shamrocks in wreath form but thick and rounding, under which place the large leafed maiden hair fern; allow graceful sprays of the orchids to extend over from the center piece at different intervals touching the top of the hedge wreath. On either end of table place a good sized ball made of shamrocks; around this ball arrange a tiny wreath of white orchids. These balls must

#### GREETING CENTER PIECE.

A center piece mounded to a height of seven inches and covered with shamrock leaves is good—but must be made loosely and artistically, using a wide sash ribbon the shade of Killarney roses across the center on which the words "St. Patrick's Greetings" should be painted in silver, the ribbon extending across the table to fall over the edge. In the center of the ribbon which rests flat on the table arrange a garland of Killarney roses flat, using the shamrock as a fringe to finish—but leaving a suggestion of the ribbon at either side of the roses, not allowing the green to cover it. Around this center piece make a rather low wreath of Killarney roses, allowing it to break where the ribbon crosses the table. Corsages of Killarney roses arranged in Venetian style, that is, the tight set style, and in place of the gauze effect use shamrocks. Pink rosebuds surrounded with shamrocks are good for boutonnières.

#### PIPE CENTER PIECE.

This can be made very artistically by using three frames made in the shape to represent the old Irish clay pipe, but great care must be exercised that they are graceful in form. The pipes should be about fifteen inches long with a rather larger bowl than would be suggested in the ordinary comparison with size of pipe. Make the body and stem of white carnations; around the edge of the bowl arrange shamrock, filling the center with red carnations. About five inches from the end of pipe, tying them together, arrange a wreath of shamrocks. The bowl of the pipes should be at least seven inches across. Place this pipe arrangement on a basket of shamrock, using a garland of deep red



STOLLERY BROS.' STORE, CHICAGO, INTERIOR VIEW.

be made graceful and pretty with the shamrock in order to make them effective; under these place a mat made of maiden hair ferns. Garlands of orchids and shamrock can be draped around the edge of table cloth. To add to the effectiveness of the table use small green electric lights wherever they are most attractive.

carnations, a shamrock fringe as a finish. Small green baskets filled with growing shamrocks make good souvenirs tied with red gauze ribbon. A red carnation for boutonnières.

#### GRANDFATHER'S HAT CENTER PIECE.

Make a frame to represent the good old fashioned grandfather's stovepipe hat. Make the body of the hat of



PORTION OF A HOUSE OF EASTER LILIES AT POEHLMANN BROS. CO.'S, MORTON GROVE, ILL.  
Photographed March 5, 1910, Three Weeks Before Easter. Night Temperature 50°.

shamrock, filling in the top with lily of the valley and its foliage, also making a garland of lily of the valley for the band. Place this on a mat centerpiece of lily of the valley with shamrock fringe, using maiden hair to give it effectiveness as a foundation. The edge of the mat should be made on the garland order, using lily of the valley with shamrock combined and making it sufficiently full to allow tiny electric lights covered with green catgut to be arranged in it. Use grandfather hats of small size filled with growing shamrocks for favors and lily of the valley boutonnieres.

A. E. KLUNDER.

#### St. Patrick's Day Decorations.

Table decorations and other arrangements of flowers for St. Patrick's Day are of frequent occurrence, not only by those of Celtic blood, but by many others, who are always on the lookout for something new and novel in floral arrangements, and eagerly grasp anything that will prove attractive for this purpose, and the florist must be prepared to supply whatever may be required in its season. The color for St. Patrick's Day must, of course, be green, with just color or white enough to bring about the proper contrast. The little plants of shamrock or oxalis are used to a great extent at this time and are employed in different combinations. These can be procured specially grown for this day in very small pots, not over an inch in diameter and height or in low pans, and when well grown, are a very pretty plant for this occasion and expressive of the day. These can be arranged in

center pieces and the small pots distributed upon the table or beside each plate and with other greens upon the cloth, with a few flowers, either white or yellow, make a very effective decoration. The flag of Erin is also much employed, the golden harp upon the field of green, and can be arranged with flowers and is much used especially in window displays, to draw the attention of the approach of the natal day of Erin's patron saint. The small flags are also much used in conjunction with the shamrocks or flowers at this time, and can be so arranged sometimes in conjunction with small flags of the stars and stripes to illustrate the strong bond that exists between those of Irish birth who have made this land their home and the mother country. The design of the trefoil is often used, especially when the little shamrocks cannot be employed, or are not obtainable, and this will carry out the desired idea, both in table decorations or placed upon the walls. These can all be very artistically arranged and greatly appreciated by those who desire to commemorate this day.

TORRINGTON, CONN.—Henry Riller will erect a greenhouse 150 feet long as soon as the weather conditions permit.

ATLANTA, GA.—The Atlanta Floral Co. has inaugurated the idea of making every Saturday carnation day, with special prices and features. The plan has met with great success.

JERSEY CITY, N. J.—A bill introduced before the New Jersey legislature appropriates \$30,000 for the erection of greenhouses and the equipment of the same for floriculture.

#### Easter Lilies.

We now hear of Easter lilies all through the year from November to July, but in a large majority of the greenhouse plants of the country there are being produced plants of the different varieties of *Lilium longiflorum* for the Easter day. It is not so many years ago that the lily grown and used upon that great floral occasion was the *Lilium candidum*, so well known as the Ascension lily, but this smaller flower has been relegated to the background by its larger and more showy sister. Easter being a movable feast, occurring according to the phases of the moon between March 23 and April 25, is this year calendared for April 16, a date at which any grower should be able to have his crop in superb condition. The plants the first week in March, if properly grown, should be in a temperature of 60°, having the buds just showing, and from that date on will require the best of attention and culture to produce the bloom and splendid plant that is desired for the holy day. The bulbs when received are in different stages of maturity, especially those that come from Japan, for they must arrive here early in the fall and, owing to the long transportation and the haste to have them reach their destination early enough, are often not evenly matured when prepared for shipment. They, consequently, do not progress evenly, and some will under the same treatment, produce buds that have spread and taken a horizontal position before the buds can be seen in the later plants. To successfully produce a crop of lilies all to be in bloom at a certain time requires that



the grower should have houses which are maintained at different temperatures, in order to regulate and control the development of the plants. A grower of these plants whose annual output was in the tens of thousands once made the statement that he believed he averaged moving his plants not less than six times, in order to have them in the desired condition. While this may have been an exaggerated statement, yet the cultivator must fully understand that the more advanced plants must be retarded, and the later ones forced, and this can only be done by moving the plants where they will be in different temperatures. But this cannot be done too early, nor is it advisable to make the change too great at one time. It is better to wait, unless the plant is extremely forward, until the buds have spread from the centre before taking them into the cooler house. We have seen lilies that were taken into a lower temperature when the buds first formed and then when it was found that they had been moved too early, were taken back into the warmer house and for days they stood nearly still, and when forced into bloom did not produce nearly as good a flower as those that were treated correctly. The crop should be looked over every day, and those that are known to be too forward should be taken into cooler temperature. Here is the opportunity for knowledge and judgment and both will be required.

The plants should also be arranged according to height, the lower ones on the sunny side of the bench and the taller ones behind, so that all will obtain the requisite amount of light. This can be done as soon as the buds form for the proportionate height can be easily seen at that time. Another matter that will demand immediate attention is the staking. This should be done as soon as the buds begin to swell, for the plant begins to grow heavy at the top as the buds grow larger, and will need a support to keep the plants erect and the stem straight. If the plant bends over, it takes but a very short time for the sun to draw the flowering end up straight and the result is that a plant will have a crooked stem and no matter how much patience and perseverance is expended this can never be straightened out and the plant is practically ruined. Many growers use anything that they can obtain for staking their plants, short pieces of brush or any old thing. Plants are sometimes seen with cut branches larger in diameter than the plant itself, looking almost like a piece of cord wood stuck into the pot. In this case as in all others connected with the culture and marketing of the floral product, the necessary accessories can be made to add to, or detract from, the beauty of the product. A neat appearing and light stake strong enough to support the plant, is what should be used, personally we like the green-painted stake 18 to 30 inches long, but the smaller cane stakes are very serviceable and are a little cheaper.

As soon as the flower opens the stamens should be removed, and this should be done before the pollen begins to drop or the flower will be discolored. This must be done carefully so as not to injure the bloom. A little practice soon makes one an adept at this, and he will learn to pick the stamens out very rapidly without injuring or tarnishing the flower. If the plants can be far enough advanced to be placed in a house where the night temperature

will fall even as low as 40° for a few days before being sent out and good ventilation given them during the day, the quality of the blooms will be much improved. This can be done if one flower has begun to open and if they advance too rapidly shade may be provided during the daytime. It is wonderful how the petals will thicken up and the flowers become so much more solid under this cool treatment. Constant watchfulness and care will be required to have the crop at its best at the time required, but it is necessary, for the day has gone by when a grower can afford to lose a large portion of his crop either from not having them in on time or of too poor quality.

If the plants have been grown ever since they were potted last fall in the same pot the chances are that the pots are very full of roots and the necessary food supply exhausted. In this case liberal waterings of liquid manure will be required to have the flowers the requisite size. This is the case where can-watering is preferable to the hose, but, of course, where large numbers are grown the hose must be relied upon, but care should be taken not to touch the foliage for the plant to be in fine condition should have clean, bright green leaves clear down to the pot. Fumigation or spraying with insecticides must be assiduously followed up until the plant is in bloom, green anthesis are particularly partial to lilies and the temperature and conditions in which the plants are grown are very conducive to the production of these insects, and if allowed a hold will very soon injure the entire crop.

BOOTHWYN, PA.—Williams Bros. are making improvements in their greenhouses preparatory to the spring trade.

## CHRYSANTHEMUMS

### Stock Plants and New Varieties.

The finishing up work of the chrysanthemum season is the selection and caring for the stock plants. Choose the healthiest-looking stools for your stock plants, also such plants that have vigorous, healthy roots; it will make a great difference in the production of fine healthy cuttings, when judgment has been used in saving only the best stock plants for propagation. Enough plants should be saved, so that no weaklings will have to be used for cuttings. The proper place for the stock to winter over is a light, airy situation as near the glass as possible, and where a cool even temperature can be maintained, a few degrees below that to which they have been subjected during their blooming period. They also should be kept a little on the dry side, to guard against a soft spindly growth, and to allow for the plants to remain partially dormant. Particular care should also be taken to keep them free from insect pests of every description.

Our judgment of the new varieties that have come under our notice is as follows:

Smith's Advance. It was our privilege to grow a few of this variety during the past season so that we can testify to its worth. It is a free easy grower with light to medium foliage that will allow for close planting; the growth is straight and clean and it does not bud up every little while as does the Golden Glow. This will make it much more valuable to the very early section. The color is pure white, the texture of petalage is good, as is



POEHLMANN'S LILIES, THREE WEEKS BEFORE EASTER.



LILIES AT POEHLMANN BROS. CO.'S, MORTON GROVE, ILL.

Photographed March 16, 1910. Ten Days Before Easter.

also the form of the flower. Early planting is essential to get the very best results as to length of stem and good large bloom.

**Oroba:** A large pure white for commercial purposes. This variety is a fine addition to the second early whites, the flowers being well up to the exhibition standard, and the growth, stem and foliage are ideal for commercial work; it is at its best October 20.

**Donnatello:** Incurved yellow, ready to cut October 15. The form of the flower, its color, and the growth of the plant, give this variety great promise as an early commercial yellow.

**Naamah:** A fine addition to the large incurved whites for exhibition, resembling Merza in type of bloom, but a great deal easier to grow, and the flower has more lasting qualities.

**Randee:** A big bloom for exhibition purposes; takes a long time to mature but extra fine when well done; its only place is in the collections or classes of twelve.

**Adonis:** Pink Japanese of exquisite color grown from late August buds, a good exhibition variety.

**Elise Papworth:** A fine commercial white of ideal growth and habit; a valuable variety.

**W. Woodmason:** A very prominent variety in the prize-winning collection at the Chicago show; one of the very largest.

**Mrs. H. Stevens:** Also a very fine

exhibition variety for collections, a very showy and striking bloom.

**J. W. Molyneux:** A very showy exhibition variety for collections, a fine crimson and old gold variety.

The older and better known varieties still very conspicuous, and just as good as ever were Beatrice May, Mary Donnellan, Glenview, F. S. Vallis, Golden Eagle, O. H. Broomhead, Mrs. J. C. Neill and Merza. C. W. JOHNSON.

### Chrysanthemums and Carnations.

ED. AMERICAN FLORIST:

What is the best date to propagate Golden Glow chrysanthemums to have them bloom the first of November? Will lime and sulphur blown on carnation plants infected with rust assist to remedy the trouble? J. M.

Illinois.

To have Golden Glow chrysanthemums in bloom at November 1 the cuttings should be propagated in May and the late bud taken, that is, the bud that sets during August. But Golden Glow is a much earlier variety and by propagating the cuttings in April and taking the bud in July, can be had in bloom in September and early October. It would be much better to grow Golden Glow for an early chrysanthemum and for blooming in November grow some of the yellow varieties that do not bloom so early, such as Monrovia and Robert Halliday, which will bloom by October 15,

and Col. D. Appleton and others that will be in bloom early in November.

A light dusting of air-slacked lime over the plants will prevent the spread of rust on carnations, and careful cultivation will reduce the trouble. Give the plants all the air possible, and guard against a damp atmosphere and avoid wetting the foliage during cloudy weather or late in the day. In propagating the stock, do not take any cuttings from the afflicted plants. W.

**DES MOINES, IA.**—Harry Lozier is considering plans for the erection of a three-story building this spring on the property he now occupies at 510 East Sixth street. Mr. Lozier will occupy the ground floor and the upper floors will be fitted up for office purposes.

**JAMESPORT, N. Y.**—The Weir greenhouses with the addition completed last year is now a plant of nearly 20,000 square feet, managed by J. E. Weir, Jr. Thirty-five acres of land are devoted to growing plants, shrubs and vegetables, the product going to the retail store in Brooklyn.

**BAR HARBOR ME.**—The new greenhouses which John H. Stafford has been building, are now completed. The range comprises 11,000 square feet and will be stocked with palms and plants. The designing and erection was by the Lord & Burnham Co., of New York, of their semi-iron type. Two houses will be used during the summer for raising English melons. The establishment will be known as the Malvern Greenhouses.





VIEW OF H. A. DREER'S NEW RANGE, RIVERTON, N. J.

**H. A. Dreer's New Range, Riverton, N. J.**

At Riverton, N. J., the Henry A. Dreer, Inc., have recently completed a large greenhouse plant in addition to their already immense plant located at Riverview, and we illustrate this handsome range and the features embodied in its construction as well as some of the products now being grown therein. This range covers an area in the vicinity of 100,000 square feet and consists of 23 houses. In the center is erected the larger service building which is 34 feet wide and 203 long. This is built without posts and of iron frame and truss construction. In this building is ample room to receive and prepare the stock and as well to pot and shift the thousands of plants which are grown in this range. Part of this house is used for the storage of the plants that do not require a warm temperature and a magnificent lot of bay trees under this roof is herewith illustrated. On either side of this service building is a lean-to house connected with a range of 20 houses extending both ways, making a total of 20 houses and two lean-to in addition to the large central building. These houses are each 21 feet 9 inches wide and 203 feet long. On one side there are no partitions built under the gutters, and this arrangement gives one large piece of ground covered by an immense roof of glass an acre in extent. There are no benches in this area and the houses are run at low temperature and harder stock is grown therein. The houses on the other side of the service building are divided by partitions of glass under the gutters and also with benches, and in here are grown the beautiful specimens of palms and decorative plants for which this firm has acquired such notoriety. These houses are piped so that a temperature of 60° to 65° can be maintained at all seasons. These houses are filled with the finest of stock, including Kentias, Phoenix Reblenii, Areca lutescens, dracenas, nephrolepis, variegated pineapples and other commercial plants in splendid condition.

But a short distance from this range is a fireproof iron frame concrete building in which is installed the heating plant. Here are four 75 h. p. boilers of the ordinary tubular type and an auxiliary steam boiler for power purposes. These boilers are arranged so that a low grade of coal can be used, being equipped with blowers that will provide a forced draught. The

heating is done by hot water and as the boilers are set on the level of the houses the circulation is procured by the use of centrifugal pumps which keeps the water in rapid circulation throughout the range. The pumping plant is made in duplicate, so that in case anything should happen to cause the stoppage or breakdown of the pump in use the other will be all ready for operation and all damage of complete cessation of the circulation is



J. D. Eisele.

Manager H. A. Dreer's Plant Department.

obviated. A tall chimney in which the word "Dreer" is laid in the masonry towers over the boiler house.

The building of this range was awarded to the King Construction Co. of North Tonawanda, N. Y., and was one of the largest contracts let during last season for greenhouse construction. Everything is of most modern type and of the best workmanship, and is a great credit to the builders and will enable this enterprising firm to meet the requirements which their ever increasing business demand. It is intended, as it may become necessary, to add to this plant and in making the plans future additions were kept in mind and the construction was such that more glass can be economi-

cally added and the capacity increased, in fact, this is called the first block, and it is expected that the glass here will eventually cover an extended area. The firm has an extensive piece of property, recently purchasing an addition of 130 acres, and they intend to build more houses each year.

**Narcissi Failing to Root.**

ED. AMERICAN FLORIST:—

I am sending you some narcissi which failed to produce roots or if they did the roots were weak and very few. These bulbs were received last August for early blooming and I understand the growing season where they were produced was unusually wet. Any information you can give as to the cause of the trouble will oblige.

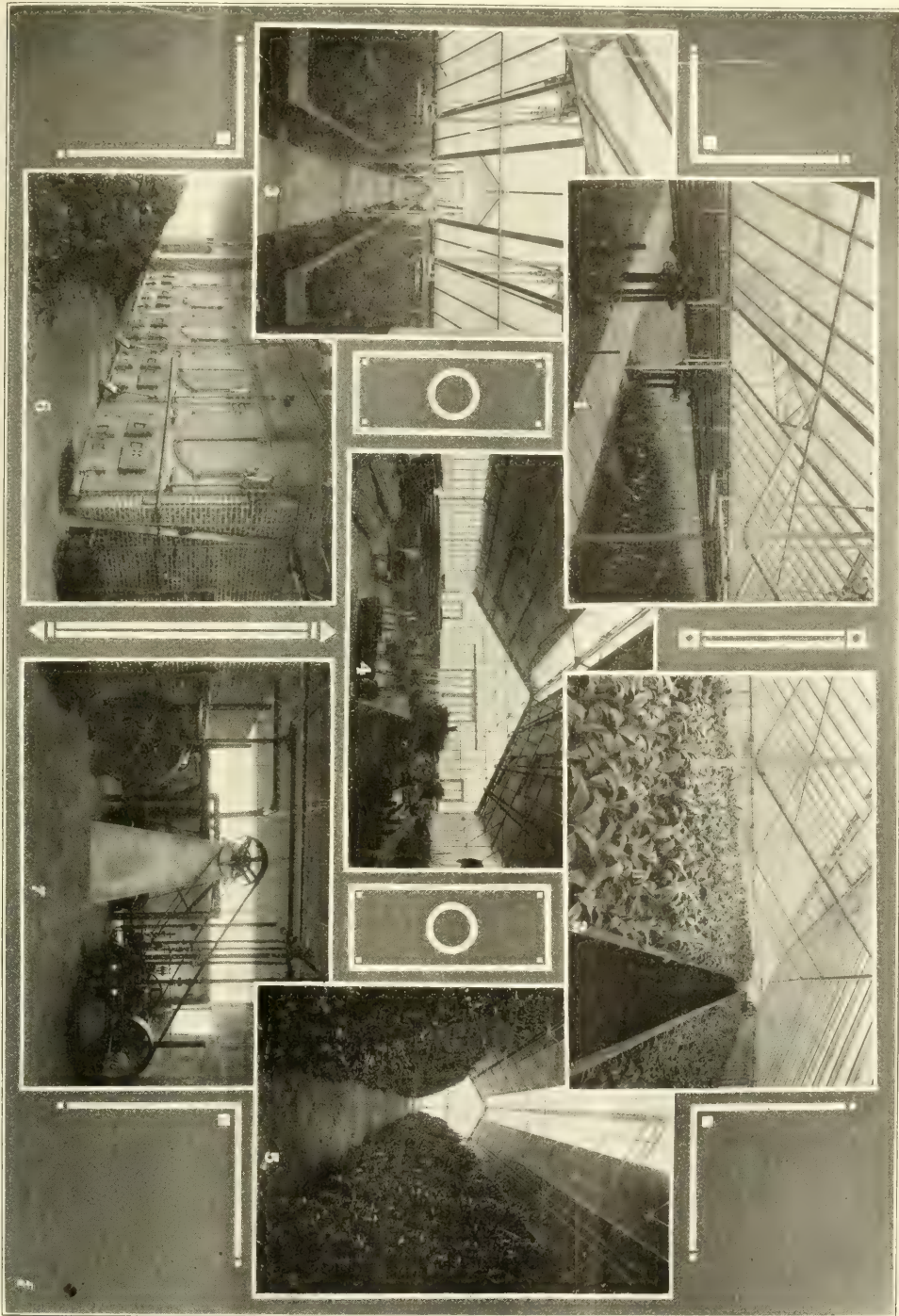
Illinois.

SUBSCRIBER.

The bulbs appear to have been injured by the attack of either millipedes or sowbugs, which have eaten off the young roots. These have been noticed previous to this time in bulbs sent from California. The bulbs may have been attacked either previous to or after planting in the greenhouse.

The trouble due to mites is usually unpreventable after these creatures have once obtained access to the growing bulbs. The bulb mite usually obtains access to the bulbs in the locality where they are grown to maturity, and while, at times, primarily injurious, is usually more dangerous from its habit of boring into fresh living tissue, thus giving access to spores or germs of various plant diseases and fungi, and weakening the constitution of the plant to such an extent that it falls an easy prey to the diseases. As these mites do not possess tracheae, fumigation is of little avail against them, and no known methods of disinfection at present are available. It is suggested that very finely powdered flowers of sulphur dusted upon the bulbs upon their receipt, or immersion for some minutes in a strong solution of nicotine sulphate, one part to 100 of water, with one pound of soap added to each 50 gallons of mixture, should prove effective. They may also be treated with kerosene emulsion, one part to six of water. The millipedes are amenable to the use of poisoned baits, using one to two tablespoonfuls of white arsenic to a bucketful of bran, sweetened with a quart of syrup or molasses. This should be sprinkled about the beds and will prove effective in the control of these creatures.

F. H. C.



H. A. DREER'S NEW RANGE AT RIVERTON, N. J.

1.—Sectional View of House Without Bunches. 2.—Diacena Massangana. 3.—View of Corridor Through Center of 11 Houses. 4.—End of Service Building. 5.—Part of Service Building Used for Storage of Bay Trees. 6.—Battery of Hot Water and Steam Boilers. 7.—Pumping Machinery. Blower and Pumps in Boiler House.



### Spraying Notes for Spring.

Among the most destructive insects and one which has been found until recently very difficult to eradicate, is the San Jose scale. With nursery men, as well as orchardists, this little pest has caused immense loss, but constant work and study has found a remedy, and those who are lovers of trees are only too happy to know that this destructive scale can be successfully combated. Prof. John J. Davis, of the University of Illinois, says: "During March, spraying for scale insects, especially San Jose, scurfy and oyster shell scales, should be commenced. The material to be used is lime-sulphur mixture, and spraying can be done in March or April, preferable as late in the spring as possible, but always spray before the buds have started to open, and never spray during freezing weather.

Spraying for the green apple aphid, as well as for the wooly aphid, and other plant lice infesting nursery stock, may be done now. The aphid is in the egg stage at this time (there are a few exceptions), the minute jet black eggs being deposited on the branches and trunk of the tree. Professors Gillette and Taylor (of Colorado), who have made extensive tests with various materials to kill the aphid egg—applications being made in late spring before the buds open as is the case of scale insects—report successful results from the use of lime-sulphur mixtures and black leaf (the latter used at the rate of one gallon to 25 or 30 gallons of water). In spraying for scale insects or aphid eggs always spray the entire trees thoroughly, for the insecticides recommended kill only by coming in contact with the egg or scale to be destroyed."

The materials for these washes are not costly, are easily obtained anywhere, are prepared for use by simply boiling them together according to the following directions until dissolved, and are applied with an ordinary spray-pump such as is commonly used in orchard work, states Dr. S. A. Forbes, state entomologist of Illinois, and experimental work has demonstrated the possibility of keeping this insect in check by occasional treatment, and, indeed, of almost completely clearing an infested orchard, under favorable conditions by two or three sprayings of trees with lime and sulphur wash. These facts bring the San Jose scale wholly within the control of the owner of infested premises and make it, in fact, one of the most easily managed of the serious pests of horticulture. On the other hand, our experience has emphasized the conclusion that, left to itself, it will make fruit growing impossible, and destroy completely any orchard which becomes infested with it.

The following directions for the preparation and application of the lime and sulphur wash will be found sufficient guide to its effective use. For 50 gallons of the spray, heat 12 gallons of water in a 40-gallon iron kettle, mixing, in the meantime, in a separate vessel, 15 pounds of sulphur with enough water to form a thin paste. Add this sulphur to the water in the kettle and bring the mixture to a temperature just below boiling. Then add 15 pounds of best lump lime, keeping cold water at hand to use as the mixture threatens to boil over. After the lime is fully slaked, boil for forty minutes with almost constant stirring.

Then strain into a 50-gallon spray-tank and fill with water, which had better be warm, although cold water will do. If a supply of steam is available for cooking the mixture this will be found a much more convenient source of heat. The cooking is then done in barrels or other vessels, from which the fluid is strained into the spray-tank. The disturbance caused by the introduction of steam makes stirring unnecessary.

Very large trees and those with bushy top should be pruned before spraying and thickets of plum, peach and the like should be destroyed as should Osage orange hedges as the scale breeds freely on this plant and it is difficult to spray such a hedge so thoroughly as to reach most of the scales. Use this wash on trees after the leaves are off, preferably late in the spring, before the buds have com-



Chester I. Campbell.  
Manager Second National Flower Show.

mented to open. Never use the wash on tree in leaf. Thoroughly coat the trees, being careful to cover the smaller twigs and branches and to get the mixture in all the crevices. Do not attempt to spray from one side only. If a heavy rain or severe cold weather follows soon after spraying, the treatment must be repeated. Do not spray the mixture against paint, which may be blackened by the sulphur. It is well to blanket horses, and avoid getting the spray upon the bare hands or face, as it is very caustic. The undiluted mixture should not be left in the kettle over night, as it is likely to harden and cake and is then worthless. See that all barrels and apparatus are thoroughly cleansed before using the mixture in them, otherwise the nozzles are likely to clog. Thoroughly clean kettles, hose-barrels, pumps, nozzles and all spraying apparatus when the work with this wash is over for the season.

Either bucket or knapsack pumps may be sufficient where only a few trees or shrubs are to be sprayed. The pump best suited for this use, however, will be a good hand-power pump, fitted securely to a barrel or tank. These pumps should have no copper about them, but working parts of brass, no valves of leather, but brass valves ground to fit perfectly are nec-

essary, having an agitator with both vertical and horizontal movement, jet agitators not being satisfactory with hand-power pumps. Two cut-off cocks with 25 to 35 feet of best black foot to five-ply half-inch hose attached to each cut-off and extension poles are necessary. Bamboo poles with iron or brass lining eight to 12 feet long with good cut-off valves at their base will be found best. Double Vermorel nozzles have given best satisfaction. A good hand-pump with fittings complete as described, may be bought for \$18 to \$25, depending upon the size and number of accessories.

In what particular manner the lime-sulphur acts as an insecticide and fungicide, no one has yet clearly demonstrated. What specific compounds are directly responsible for the effects produced are not yet certain. It is obvious, however, that its efficiency stands in some close and direct relation to the amount of sulphide compounds contained in it, or, in other words to the chemical composition of the solution. Extensive experiments in the manufacture of concentrated lime-sulphur wash using different proportions of the constituents, lime, sulphur and water, have been made by the New York experiment station and the result of these is thus briefly expressed. The combination that appears best to meet the desirable conditions is 36 pounds of pure lime, 50 pounds high-grade, finely divided sulphur, and 50 gallons of water. Lime containing less than 90 per cent pure lime should be avoided. In diluting concentrated lime-sulphur wash, Prof. P. J. Parrott has furnished the following information: In treating San Jose scale, one gallon of lime-sulphur wash (testing 33° B. hydrometer test) is diluted with eight gallons of water; for blister mite, one gallon with 11 gallons of water; and, for fungicidal work on foliage, the dilution is 40 gallons of water to one of lime-sulphur wash. Experiments have also been conducted at this station in the adaptability and economy of home-made concentrated lime-sulphur mixture, both at the station and by volunteer experiments. The latter were in the majority of cases very satisfactory in regard to the adaptability and in regard to the relative cost the home-made concentrates average less than 50 per cent of the cost of the commercial solutions.

### Society of American Florists.

#### NATIONAL FLOWER SHOW.

It has been ordered that each member in good standing, of the S. A. F. and allied societies holding meetings, and exhibitions in conjunction with the National Flower Show in Boston on March 25-April 1, shall be entitled to one members' season ticket, admitting the owner to the exhibition hall. Only one ticket, however, will be issued to any one person even though he belong to several societies. These tickets will be nontransferable and will be collected and canceled if found in hands other than the owners.

In compliance with the directions of the president, orders for members' season tickets are being sent to all members of the S. A. F. in good standing; that is to all those who have paid their 1911 dues or are life or pioneer members. These orders must be presented to the proper officials at the exhibition hall and be exchanged for regular members' tickets. These orders must be presented by the owners



NEPHROLEPIS ROOSEVELT.

in person, as all orders presented by others than the owners will be taken up and canceled.

Be sure and bring your order with you as the duties of the Secretary's office are such that it will be impossible for him to issue duplicate orders. This rule will be enforced.

Send your dues for 1911 so as to reach the secretary's office before March 20 and the order will be mailed to you. If your dues reach here after that date your order may be secured at the secretary's office at the Exhibition Hall. Kindly give this your attention now and save much confusion at the time of the meeting. All life and pioneer members and those annual members who have paid their dues for 1911 have received their orders for membership tickets. It has been decided not to have headquarters for the S. A. F. at Boston. The statement that the Brunswick hotel was selected as headquarters was not official.

A rate of one and three-fifths (1.35) on the certificate plan has been granted by the New England and Trunk Line Associations. The South Eastern and Western Associations have refused to grant rates owing to small numbers and two-cent rate now in existence. The Central Association and Eastern Canadian Association will report early in March and their decisions will be presented in the trade journals.

You cannot afford to miss the greatest flower show ever held. Come.

H. B. DORNER, Sec'y.

#### Nephrolepis Roosevelt.

In November, 1908, the first two plants of *Nephrolepis Roosevelt* were found on a bench of Boston ferns in the houses of The American Rose and Plant Co., of Springfield, O., and up to last October over 70,000 young plants had been propagated, not a single one showing any tendency to revert to the parent type. Several other sports from the Boston showing some difference in the character of the fronds have been previously introduced. These lack the graceful drooping habit which has made the old Boston famous and they have not been considered worthy competitors for the parent's fame, but in *N. Roosevelt* will be found all the points of value possessed by the Boston, with other attractive features. The fronds produced by *N. Roosevelt* are one-third to one-half wider than those of the Boston and handsomely tapered from base to tip. They are of better substance, with each pinnae distinctly undulated, giving a marked wavy effect to the whole plant. The ribs of the fronds are stronger than in the Boston but more graceful in drooping habit and show this feature prominently in finished 3-inch to 6-inch pot plants. A single plant of *N. Roosevelt* finished in a 6-inch pot will produce one-third more fronds than any other variety, forming a perfectly symmetrical plant with full, compact center and wide

drooping fronds, which completely hide the pot. It is a better producer of young plants than the Boston and for all purpose excels any other variety we have ever seen or grown.

JOHN GOOD.

SPRINGFIELD, MASS.—A fire in the greenhouse of Hans Marsden on New Bridge street destroyed a large part of the building and several hundred dollars' worth of plants.

FITCHBURG, MASS.—C. E. Lesure has purchased the business of C. E. Mansfield and taken possession of the Putnam street store and the Charles street conservatories.

DENVER, COLO.—The Elitch-Long greenhouses at Elitch's Gardens is an extensive establishment of some 125,000 square feet of glass, the product of which is handled at the Elitch-Long Flower Store on Fifteenth street.

ROCHESTER, N. Y.—Richard G. Salter, Charles Vick, George B. Hart and William L. Keller composed the delegation from the Florists' Association that went to Albany to support the bill appropriating \$50,000 for an experiment station at Cornell University.

PHILADELPHIA, PA.—The lectures at the H. F. Michell Co.'s seed store are very popular. 250 people assembled there February 27 to hear the lecture by J. C. Townsend of Merchantville, N. J., on "Old fashioned flowers, especially the hardy herbaceous perennials."



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,**  
324 Dearborn St., CHICAGO.

**THIS ISSUE 56 PAGES WITH COVER**

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RENEW subscriptions promptly so that no copies of the papers may be missed.

THAT ILL WIND.—American brides of European aristocrats demand and insist upon American carnations and roses in their floral work.

SOME faraway residents who expect to attend the National Flower Show at Boston, March 25 to April 1, are James Forbes, Portland, Ore.; J. A. Valentine, Denver, Colo.; Samuel Murray, Kansas City, Mo., and J. J. Hess, Omaha, Neb.

PACIFIC PROSPERITY.—Martin Reukauf, the well known representative of H. Bayersdorfer & Co., Philadelphia, Pa., who recently returned from the Pacific coast, says Portland and Spokane are the most prosperous cities in that region just now.

## Society of American Florists.

### DEPARTMENT OF REGISTRATION.

As no objections have been filed, public notice is hereby given that the registration of the geraniums, Dr. E. M. Moore and A. B. Lamberton, by Robert Dukelou, of Rochester, New York, becomes complete.

Public notice is hereby given that A. N. Pierson, Inc., of Cromwell, Conn., offer for registration the roses described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Double White Killarney.—A sport of White Killarney originating with the J. A. Budlong & Son Co., Auburn, R. I., in January, 1910. It is stronger in growth than the parent, with the same general characteristics of foliage and growth. The flower is pure white in color, with an average of from forty to forty-five petals. It is a wonderful improvement over the parent, having size and substance in summer, when White Killarney is comparatively single. The variety will be disseminated by A. N. Pierson, Inc., in 1912.

Killarney Queen.—A deep pink sport of Killarney originating with the J. A. Budlong & Son Co., Auburn, R. I., in 1909 that has the high color of Dark Pink Killarney with an increased vigor in growth. It compares among Killarneys as American Beauty does with other varieties, the stem and foliage being much heavier, and the petals nearly twice the size of the petals of Killarney. The variety will be disseminated by A. N. Pierson, Inc., in 1912.

### ADDITIONAL APPOINTMENTS.

The following have been appointed as state vice presidents:

Massachusetts East—W. A. Hastings, Boston.

Massachusetts West—G. H. Sinclair, Holyoke.

Pennsylvania West—W. J. Smith, Pittsburg.

H. B. DORNER, Sec'y.

## The Boskoop Exhibition.

The buildings for the exhibition of forced shrubs and perennials, which will be held at Boskoop, Holland, in April of this year, are almost finished. They will be heated, free of charge, by the Dutch Central Heating Co., of Amsterdam, and illuminated by electric light, installed by the firm of Strous, of Dordrecht, so that the flowers can also be admired in the evening. In the exhibition grounds there will be a post and telegraph and hourly boats between Boskoop and Gonda, the nearest railway station. The honorary committee consists of forty members. The number of promised exhibits amounts to 500, the number of novelties to more than 100, and that of little known plants to 60.

C. PH. MOERLAND, Sec'y.

## Horticultural Society of New York.

The fall exhibition of this society will be held at the American Museum of Natural History November 3-7, inclusive. This early notice is given that local societies, the members of which may desire to participate in this large exhibition, may select for their own exhibitions dates that will not conflict with the above. A schedule for this exhibition is now being prepared, and as soon as ready it will be published.

## National Flower Show.

### ADDITIONAL PREMIUMS.

The show committee announces the following additional prizes to the schedule:

King Construction Co., special prize for vase of 30 blooms of any rose introduced since January 1, 1900, silver cup.

Display of cut lilac blooms, first \$15; second \$10.

Display of cut blooms of lily of the valley, first \$15; second \$10.

Display of cut blooms of amaryllis, first \$15; second \$10.

Display of cut blooms of marguerites, first \$10; second \$5.

All to be staged Saturday, March 25, judging at 3 p. m.

Ladies' Auxiliary Society of the S. A. F. prize—For the best table decoration, silver cup. To be staged Friday, March 31, judging at 3 p. m.

Boston Flower Exchange—special prize—For the best floral design, originality to count twenty-five points, first \$50; second \$30; third \$20.

The National Society of Gardeners will also offer thirty silver cups and numerous medals for prizes to be competed for at the National Flower Show, schedule to be issued in a few days.

J. K. M. L. FARQUHAR, Sec'y.

## Chicago to Boston.

The Chicago Florists' Club has decided to use the Lake Shore & Michigan Southern Railway on the National Flower Show trip to Boston and arrangements have been made with that company for a special section of the Lake Shore Limited to leave Chicago 5:50 p. m. Thursday, March 23, due in Boston the following evening at 3:30, provided a sufficient number of requests for reservations are received to warrant a special section; otherwise the party will be accommodated in special sleepers attached to the regular Lake Shore Limited, leaving and arriving at the same hours as above quoted.

The rate for the trip is one and three-fifths fare on the certificate plan, which means \$22 going and \$13.20 returning, or a total of \$35.20 for the round trip. Don't fail to ask for certificate at time of purchase. The selling dates are March 22 to 27 inclusive, final return selling date April 5. Passengers from western points should purchase to Chicago only and repurchase here, as no special rates are authorized west of Chicago. Pullman rates: Lower berth, \$5.50; upper berth, \$4.40; compartment, \$15.50; drawing room, \$20.00.

Sleeping car reservations should be made at the earliest possible moment by communicating with G. K. Thompson, General Agent Passenger Department, Lake Shore & Michigan Southern Railway, 180 South Clark street, Chicago. Telephone, Harrison 7000.

## Cleveland to Boston.

The Cleveland Florists' Club will have a special car, Cleveland to Boston, and everyone is invited to join the members on this Lake Shore & Michigan Southern train, leaving the Union Station, Cleveland, Friday, March 24, at 7:40 p. m., and arriving in Boston at 3:40 p. m. March 25. The fare is \$13.25 one way, lower berth \$3.50, upper berth \$2.80. Reservations should be sent in early to Frank A. Friedley, Rocky River, O.

## Meetings Next Week.

Baltimore, Md., March 13, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.  
 Cincinnati, O., March 13, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market.  
 Cleveland, O., March 13, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2610 Detroit avenue.  
 Indianapolis, Ind., March 14, 3:30 p. m.—State Florists' Association of Indiana, State House.  
 LaCrosse, Wis., March 14.—LaCrosse Gardeners' and Florists' Society, Hotel Stoddard.  
 Lake Geneva, Wis., March 13, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.  
 New Orleans, La., March 12, 2 p. m.—Gardeners' Mutual Protective Association, 118 Exchange alley.  
 New Orleans, La., March 16, 8 p. m.—New Orleans Horticultural Society, Kolb's hall.  
 Newport, R. I., March 15.—Newport Horticultural Society.  
 New York, March 13, 7:30 p. m.—New York Florists' Club, Grand Opera House building.  
 Pasadena, Calif., March 17, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 Rochester, N. Y., March 13, 8 p. m.—Rochester Florists' Association.  
 Scranton, Pa., March 17, 7:30 p. m.—Scranton Florists' Club, Guernsey building.  
 Springfield, O., March 13.—Springfield Florists' Club, office of the Good & Reese Co.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As florist or vendor; as assistant or single handed; 12 years' experience; Englishman, age 27, single; excellent references. BURTON 317½ South Fourth St., Richmond Ind.

**Situation Wanted**—As foreman by a practical grower of cut flowers and plants in a modern place, capable of taking entire charge; a life experience; single; references O. K. FLORIST, 59 W. Ontario St., Chicago.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and lawns. First-class references. Ready April 1, single, age 55. Address Key 392, care American Florist.

**Situation Wanted**—As gardener and florist on a private estate, by single young man. Good at landscape work, and with flowers; 8 years' experience. Good references. WILLARD COATES, East Aurora, N. Y.

**Situation Wanted**—Gardener, German married, age 35; life experience in landscape work and greenhouse cultivation; wishes position as foreman on first class private or commercial place. JULIUS BAUER, Rochester, N. Y., Ulster St.

**Situation Wanted**—By young man, 26, German, single with experience in decoration and making up designs, also help in greenhouses; wages in first letter. Address F. F., care of Jos. Zlamany, Bower Ave., Winfield, L. I. N. Y.

**Situation Wanted**—By experienced seed salesman to the trade who can also fill any inside position; young, single and can give best reference; position calling on trade in central states preferred. Address Key 398, care American Florist.

**Situation Wanted**—By gardener, Scotch, married, age 29; life experience in greenhouse, fruit, vegetable and general estate work; can grade and lay out grounds; one year in U. S.; wishes private place, New England preferred. Address Key 399, care American Florist.

**Situation Wanted**—Position as working foreman in up-to-date place, wholesale or retail, by practical grower of first-class stock; life experience; exceptional references. middle-aged, married. Address J. HODGE, 712 Greendale St., Meadville, Pa.

**Situation Wanted**—As a grower of cut flowers and plants in general; life experience; capable of taking charge; state of Washington or Oregon preferred. Please state full particulars in first letter when writing. Address FLORIST, 214 S. Washington, Spokane, Wash.

**Situation Wanted**—Commercial or private place young man thoroughly qualified in all lines of commercial floriculture and private gardening is open to engagement. Address in Sweden, Germany and Canada; single; with excellent references. G. LUNEGREN, 110 Weber St., Berlin, Ont., Can.

**Situation Wanted**—Gardener 26, single, German, experienced in every line, desires position on private place or take charge of estate; best of references; near Chicago or New York preferred. W. MEHRIGT, Gon. Delivery, San Bernardino, California.

**Situation Wanted**—Working foreman, strictly sober, age 33, single, German, hustler, with 24 years' practical experience in roses, carnations, mums, fancy pot plants for Christmas and Easter, quick designer and decorator, landscaping etc.; first-class references; please state full particulars in first letter; Pennsylvania preferred. Address Key 409, care American Florist.

**Help Wanted**—At once a good grower of carnations and pot plants. Address FRANK BEC 4435 N. 40th Ave., Chicago.

**Help Wanted**—At once, a good all-around florist to take charge of plant; also must understand design work. Send references and state wages, steady job to a good man. Address W. S. BEERE, Owosso, Mich.

**Help Wanted**—A strictly sober and industrious man for the potting bench; one who has had experience at potting and bedding out; wages, \$12 per week; references required. Address JOHN RECK & SON, 985 Main St., Bridgeport Conn.

**Help Wanted**—A florist, for private and commercial place; must thoroughly understand the work and give best of reference. Address THE J. M. McCULLOUGH'S SONS CO., 316 Walnut St., Cincinnati, Ohio.

## WANTED

Maker-up and salesman; high class man, with the very best experience and city references, to take charge of a store. No one but a first-class artist need apply.

Key 402, care American Florist.

## Wanted

Young man accustomed to filling and checking orders, with some experience as shipping clerk; also an experienced nurseryman wanted. The Elizabeth Nursery Co., Elizabeth, N. J.

## Wanted

Young Florist or Gardener familiar with greenhouse construction and heating to call on the greenhouse trade.

Key 404, care American Florist.

## Wanted

An agent for the Nurseries of L. GAARKEUKEN, Nurserymen, Hazerswoude, Holland, as soon as possible.

## Wanted to Rent.

Established retail place, store, greenhouses, (4000-ft.) and dwelling; covers city block; three cemeteries; on street-car line; reasonable terms. Address

Key 401, care American Florist.

## Wanted

Plantsman and foreman for large place. Only capable and strictly temperate man need apply. Give age, references and experience. Address

Key 406, care American Florist.

## For Sale.

An Established Well Paying Business

Located on Broadway, New York, is for sale. A rare opportunity for a good practical man. For further particulars address

Key 407, care American Florist.

## Wanted At Once.

Gardener for Landscape work. Must have all-around knowledge. Steady position. \$60.00 per month, more if suited. References. Write at once. WM. MEHL, Landscape Architect, 23 Euclid Building, St. Louis, Mo.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE—

## American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation. Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** We have only a few thousand of each left for March 15 delivery. Our next delivery after that will be March 27.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.



Sales Tuesday and Fridays.

## ELLIOTT AUCTION CO.

42 Vesey Street, New York,

Will commence their Spring Sales **MARCH 14,**  
Consisting of

**Roses, Rhododendrons, Conifers, Box,  
Bulbs, Roots, Etc.**

**W. J. ELLIOTT,**

**Auctioneer.**

### Washington.

#### PLENTY OF STOCK.

Business is fair considering the fact that Lent has begun. All the dealers report a slight falling off in business during the first days of Lent. In fact, the first week and the last week of the Lenten season are generally the worst for florists. There is an abundance of good flowers for all purposes. This is particularly true of carnations, violets and the tulips and narcissus. In plants, rhododendrons, azaleas, lilacs, primroses and ferns are plentiful. The weather is moderate with a fair amount of sunshine.

#### NOTES.

Brush and grass fires have caused considerable alarm and some damage during the past week to the growers in the outlying sections. It required the united efforts of the fire department and the neighbors February 26 to save the range of M. J. McCabe, Good Hope. A grass fire ignited the greenhouse of Samuel Lucas, Anacostia, March 2, and it was almost totally destroyed. Mr. Lucas is one of the few colored men who have thus far engaged in growing flowers under glass and he deserves the sympathy of the trade.

George H. Cooke, a local retail florist, but who has a national reputation on account of the fine work that he has executed, is now suffering severely from blood poisoning which started in the forefinger of his left

hand from the prick of a rose thorn. He is under the care of the most skillful specialists and it is now believed that the poison has been checked.

F. W. Miller, a capable and popular designer and decorator who for a number of years has been employed by A. Gude & Bro., was married on February 13 to Miss Grace Williams, an attractive and popular young lady of this city. The good wishes of many friends will be with this young couple in their new sphere of life.

The Southern Evergreen Co., 508 Florida avenue, of which Howard Jefferson is manager, is handling not only a good stock of green but likewise good cut flowers and flowering plants.

The Washington Florists' Exchange, which is exclusively a wholesale house, reports an increasing business.

R. G. Kidwell, a well known grower, is now general foreman at the range of Alex. B. Garden, Anacostia.

There is a probability of a number of local florists going on the excursion to Dreer's, early in March.

Visitors: C. J. Van Bourgondieu, Hillegom, Holland; S. De Wreede, representing Van Zonneveld Bros. & Philippi, Sassenheim, Holland; Percy E. Rigby of S. S. Pennock-Meehan Co., N. Y.; — Perkins of Jackson & Perkins, Newark, N. J. A. F. F.

SAN FRANCISCO, CALIF.—An exhibition of spring flowers will be held by the Pacific Coast Horticultural Society and the California Floral Society March 30-31, at the Fairmount hotel.

### Baltimore.

#### LENTEN SEASON.

The coming in of Lent cuts short the season's social festivities, and the stores felt the shock. One or two deaths of prominent persons during the week made a pretty fair demand for good flowers, but a great bulk of mediocre and inferior stock passed into the hands of the fakirs. Of violets, freesias, bulbous stuff, etc., there seemed no end.

#### NOTES.

The Gardeners and Florists' Club is making good progress with its preparations for the meeting of the Society of American Florists. The Committee on Souvenirs will have a publication equal to the standard heretofore maintained in other cities. In the meantime dodgers have been prepared and circulated narrating some of the advantages of Baltimore and giving readable information as to the historical and other events which give distinction to the city. This will be supplemented with similar printed matter likely to arouse attention.

At the great automobile show there was exhibited a new machine for the use of James Hamilton, of Mt. Washington, which is so constructed that it may be used with two bodies, one for transporting greenhouse products, and the other for passengers. This enterprising grower has begun the construction this spring of two more houses, each about 100 feet long. Mr.

# Extra Fancy Carnations

**The Kind That Gives Satisfaction All the Time**

Our Carnations are in full crop, and we are in position to supply your wants.

We are also handling

## The Entire Rose Crop

of one of the largest Rose Growers.

## Extra Fancy Orange Blossoms

Large clusters, home-grown, one day's notice.

Our stock is properly packed at all times.

### CURRENT PRICE LIST

Orange Blossoms, large cluster, \$1 00 to \$1 50  
Orchids, Cattleyas, per doz., 6 00 to 7 50  
Gardenias, 4 00

**CARNATIONS** Per 100  
Common, \$1 50 to \$3 00  
Select, large and fancy, 3 00

#### ROSES

American Beauty, per doz., \$1 50 to \$6 00  
White Killarney, 4 00 to 10 00  
Killarney, 4 00 to 10 00  
My Maryland, 4 00 to 10 00  
Richmond, 4 00 to 10 00  
Extra special roses billed accordingly.

**DECORATIVE**  
Asparagus Plumosus, per string, \$0 50 to \$0 75  
per bunch, 35 to 50  
Asparagus Sprengeri, per bunch, 25 to 50  
Per 100  
Adiantum, fancy, long, \$1 00  
Farleyense, \$8 00 to 10 00  
Saxifrage, per doz., \$1 50  
Mexican Ivy, per 1000, 6 00  
Ferns, 3 00  
Galax, 1 00  
Leucothoe Sprays, 75

#### MISCELLANEOUS

Per 100  
Tulips, \$3 00 to 4 00

**MISCELLANEOUS** Per 100  
Violets, double, \$0 75 to \$1 00  
single, 50 to 75  
Sweet Peas, fancy, 1 50  
medium, 75 to 1 00  
Easter Lilies, 12 50  
Callas, per doz., \$1 50  
Valley, select, 3 00  
special, 4 00  
Daisies, white and yellow, 1 00 to 2 00  
Jocquils, 3 00  
Daffodils, 3 00  
Paper Whites, 3 00 to 4 00  
Romans, 3 00

Subject to Market Changes.

## CHICAGO CARNATION CO.,

35-37 Randolph St.,  
A. T. Pyfer, Mgr.,  
Phone Central 3373.

## Chicago

Hamilton forced about 110,000 lily of the valley this year, and Charles M. Wagner, his superintendent, states that recently an order for some fifty cases of cold storage pipes was placed, with the hope of supplying local requirements, every day in the year.

Miss M. Erdman, daughter of Peter C. Erdman, whose products always stand high in the market, will open a store on Greenmount avenue, practically adjacent to the cemetery of the same name, which ought to be a fine location. S. B.

#### Cleveland.

#### GOOD SUPPLY.

From a famine to a feast has been the changed conditions here in the last few weeks. Carnations are very plentiful, and have dropped in price. Roses are coming in more plentiful from day to day and the quality improves with more sunshine, but white roses are still short in supply. Lily of the valley moves slowly. Easter lilies are arriving in large quantities and find a fairly good market. Boxwood is selling well and greens of all kinds clean up daily. Altogether business is on the increase, there being a good supply of the various kinds of bulbous stock, roses, carnations, sweet peas, etc., from which to make selection.

#### NOTES.

The Taylor Flower Shop holds regular clean-up sales every Saturday afternoon after 3 p. m., at which time all stock left over is sold at bargain prices.

The new club which was organized March 2 is known as the "Flower Club." The next meeting will be held April 7 at the Hofbrau.

Jos. Strojcek and Mrs. Jos. Nosek on Broadway have been busy with funeral work the past week.

Miss Ehrbar of the Ohio Floral Co. has been ill and in the hospital but is improving.

C. F. B.

WILLIAMSBURG, PA.—A. J. Hill will open a florist shop and greenhouse on Arch street. Building operations are now going on.

## The Long Full Spikes of

## Gladiolus Mrs. Francis King



Are most effective Window and Counter display in summer and early fall and sell at double the price because of their striking color and giant size.

**Bulbs, all bloomers, \$18.00 to \$24.00 per 1000, according to size.**

We are the introducers, this is another of our 1000 kinds.

## Vaughan's Seed Store,

New York. Chicago.

Mention the American Florist when writing



# A Big Crop of Beauties and Roses Now on

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

Per doz.

|                      |                |
|----------------------|----------------|
| Extra long.....      | 5 00 to \$5.00 |
| 24 to 36 inches..... | \$3.00 to 4.00 |
| 15 to 18 inches..... | 1.50 to 2.00   |
| 8 to 10 inches.....  | 1.00           |

### Rhea Reid

|                     |                          |
|---------------------|--------------------------|
| Extra long.....     | per 100, \$12.00         |
| Good lengths.....   | per 100, \$8.00 to 10.00 |
| Medium lengths..... | per 100, 6.00            |
| Short.....          | per 100, 4.00            |

### Malds, Maryland, Killarney, Brides, White Killarney, Kaiserin and Richmond

|                         |                          |
|-------------------------|--------------------------|
| Extra select.....       | per 100, 10.00           |
| Good lengths.....       | per 100, 8.00            |
| Medium lengths.....     | per 100, \$ 5.00 to 6.00 |
| Good short lengths..... | per 100, 3.00 to 4.00    |

### CARNATIONS

|                                                |                          |
|------------------------------------------------|--------------------------|
| White Carnations for St. Patrick's<br>Day..... | per 100, \$5.00          |
| Fancy pink and white.....                      | per 100, 3.00            |
| Fancy red, O. P. Bassett.....                  | per 100, 4.00            |
| HARRISII LILIES.....                           | per doz., 1.50           |
| ".....                                         | per 100, 10.00           |
| Lily of the Valley.....                        | per 100, 3.00            |
| Select Pink and White Sweet Peas.....          | per 100, 1.00            |
| Double, Single Daffodils.....                  | per 100, 2.00            |
| Tulips.....                                    | per 100, 3.00            |
| Adiantum.....                                  | per 100, 1.00            |
| Asparagus.....                                 | per string, .40 to .50   |
| Asparagus Sprays.....                          | per 100, \$3.00 to 4.00  |
| Ferns.....                                     | per 1000, 2.50           |
| Galax, Green.....                              | per 1000, 1.00           |
| " Bronze.....                                  | per 1000, 1.00           |
| Smilax.....                                    | per doz., \$1.50 to 2.00 |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

STOCK ARRIVING IN LARGER QUANTITIES.

A week of exceedingly pleasant weather for the month of March has made a material change in the flower market both in quantity and quality. March made its entry like a little lamb and according to the old saying boisterous weather may be looked for later in the month. But the market is very variable and one prominent wholesaler remarked that it sometimes changes three times in the course of the day in certain lines. Stock as a whole is much more plentiful and in but few cases is there any scarcity, and in almost all kinds of flowers the buyer is able to make a selection, yet there is no great surplus except in a few articles and the verdict generally is, that nearly everything cleans up well, but once in a while in the less called for flowers at low prices. American Beauties are in short supply, not nearly enough to meet the demand, and there is no opportunity for the buyer to pick over the stock but must take what is offered to him and at the seller's price, and these are still maintained at good figures. The other roses are now in good supply and the quality is superb, and there is plenty of all grades so that the purchaser can make a choice. Killarney, White Killarney, My Maryland, Mrs. Jardine, Bride, Bridesmaid, and Richmond are of splendid grade, good color, fine stem and luxuriant foliage. Some fine blooms of Uncle John, Rhea Reid, Perle des Jardin, Sunrise and other varieties are also seen. Carnations are now being received in large quantities and the prices are considerably lower, some sales of the inferior grades going very cheap, so much so that some of the smaller stores are placarding them at bargain prices. White carnations have, however, taken a rise in anti-

## "The Busiest House in Chicago"

We are receiving a fine line of Tulips, single and double Daffodils, besides everything else in the cut flower line.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155.

51 Wabash Ave., CHICAGO

pation of St. Patrick's day and the great demand for these for funeral work for which all the retail stores seem to have good call. Violets are a drug on the market. Whether this is owing to the increased supply or the decreased demand on account of the Lenten season and the cessation of society functions, or perhaps both, is not fully explained, but there is very little call for the double and not much for the singles, and they all move very slowly. Lilies and callas are quite plentiful but the demand is good and they clean up well and at steady prices. Orchids are in good supply and about even with the demand, the quotations not changing to any great extent. Sweet peas are being received in great quantities and some of the blooms are fine, of good color and with nice long stems, and there is a great variety. Of bulbous flowers there is a great sufficiency both in quantity and variety. Lily of the valley is of excellent quality and quite plentiful. Narcissus of all kinds, tu-

lips of all colors, and the quality is much better than it has been. Hyacinths, both cut and in pots, are bright additions to retail window displays. The other spring flowers are also arriving in increased supply and stocks, pansies, antirrhinums, wallflowers, marguerites, calendulas are seen in the early morning receipts. Greens are in good supply and the quality first class.

### NOTES.

Pochmann Bros. Co.'s stock is arriving in much larger quantities than for some time past, and they are now enabled to take care of all orders. The Killarney and White Killarney roses that this firm is offering are of the best quality, of fine color, and fine foliage and stem. Lilies and callas are also arriving in splendid condition, and the lily of the valley that they are cutting is of its usual high quality.

J. C. Bruehner, West Sixty-ninth street, is to open another store at Thirty-first street and Cottage Grove Avenue.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

**Orchids, Valley, Sweet Peas, Easter Lilies, Spring Flowers** and all other seasonable stock, **Short and Medium Roses** enough to fill all orders.

**CURRENT PRICES, Subject to Change Without Notice.**

| AMERICAN BEAUTIES   | Per doz.               |
|---------------------|------------------------|
| Specials .....      | \$6.00                 |
| 36-inch .....       | 5.00                   |
| 30-inch .....       | 4.00                   |
| 24-inch .....       | 2.50                   |
| 18 to 20-inch ..... | 1.50                   |
| 12 to 15-inch ..... | \$1.00 to \$1.25       |
| Short stem .....    | per 100.. 4.00 to 6.00 |

| RICHMOND, extra  | Per 100.        |
|------------------|-----------------|
| Select .....     | \$15.00         |
| Medium .....     | 12.00           |
| Good Short ..... | \$8.00 to 10.00 |
| Good Short ..... | 6.00            |

| KILLARNEY, extra | Per 100.      |
|------------------|---------------|
| Select .....     | \$15.00       |
| Medium .....     | 12.00         |
| Good Short ..... | 8.00 to 10.00 |
| Good Short ..... | 6.00          |

| MY MARYLAND, extra | Per 100.        |
|--------------------|-----------------|
| Select .....       | \$15.00         |
| Medium .....       | 12.00           |
| Good Short .....   | \$8.00 to 10.00 |
| Good Short .....   | 6.00            |

| WHITE KILLARNEY, extra | Per 100.      |
|------------------------|---------------|
| Select .....           | \$15.00       |
| Medium .....           | 12.00         |
| Good Short .....       | 8.00 to 10.00 |
| Good Short .....       | 6.00          |

| PERLE, long  | Per 100. |
|--------------|----------|
| Medium ..... | \$8.00   |
| Medium ..... | 6.00     |

Our Extra special grade Roses charged accordingly.

| CARNATIONS, fancy | Per 100 |
|-------------------|---------|
| " first .....     | \$4.00  |
| " common .....    | 3.00    |
| " common .....    | 2.00    |

WHITE CARNATIONS for St. Patrick's Day .....

ORCHIDS, Cattleyas, per doz. .... \$4.00 to \$6.00

HARRISII and CALLAS, per doz. .... \$6.00

NARCISSUS PAPER WHITE .....

JONQUILS .....

DAFFODILS .....

TULIPS .....

FREESIAS .....

ROMANS .....

VALLEY .....

VIOLETS, double .....

" Single, Princess of Wales .....

VIOLETS, single, California .....

MIGNONETTE, large spikes .....

SWEET PEAS .....

ADIANTUM CROWEANUM .....

SMILAX .....

SPRENGERI, PLUMOSUS .....

SPRAYS .....

PULMOSUS STRING .....

FERNs .....

GALAX .....

LEUCOTHOE .....

BOXWOOD, per bunch 35; per case of .....

50 lbs. .... \$7.50

WILD SMILAX, 50 lb. case. .... 5.00

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the year.  
Once tried you will have no other

The Riedlein Basket Co., 713 Milwaukee avenue, has leased the store building 683 located a few doors east of their present location and will use it as a shipping room. This firm has received from their factories at Ebersdorf, Germany, a large shipment of baskets for the Easter trade.

August Lange and wife have the sympathy of many friends in the trade in their recent losses by death, Mr. Lange's mother, Mrs. Matilda Lange, dying in this city March 4 and Mrs. August Lange's father, Chas. Huxhold, Omaha, Neb., died February 7.

Weiland & Risch are cutting quite heavily in Killarney and other roses and a large supply can be seen at the store this week. They will be on with a large crop of carnations and will have plenty to supply their customers for St. Patrick's Day.

Harry Mannheim was confined to his home for several days this week suf-

fering from a severe case of blood poisoning. He was greatly missed at the Hoerber Bros. store, where he fills the position of general manager.

Chicago University is planning for a botanical garden and new range of greenhouses. The garden will be located between Fifty-eighth and Fifty-ninth streets on Cottage Grove avenue, covering about 6½ acres.

The J. E. Deamud Co. is pleasing their customers with a fancy grade of sweet peas and carnations. The ferns that this house is offering are also of exceptionally good quality.

Ernest Wienhoeber and Emil Buettner will start soon on an extended eastern trip, closing at the National Flower Show at Boston March 25 to April 1.

Frank Oechslin, 4911 Quincy street, is offering some fine shamrock plants in two-inch pots for the St. Patrick's day sales.

**U S Budlong's  
E Blue Ribbon Valley.**

Chas. W. McKellar is now receiving regular shipments of southern bulb stock, consisting of jonquils, narcissus, etc.

E. B. Washburn and wife will return March 11 from a most delightful visit at Pasadena, Calif.

H. Roth, the well known florist of Lafayette, Ind., paid the city a visit on March 3.

A. N. Kinsman, Austin, Minn., returning from Cuba, was a visitor this week.



# CARNATIONS ROSES BEAUTIES

We are cutting a splendid grade of **Carnations** in all the leading varieties,  
and are now prepared to fill all orders.

## PRICE LIST:

### AMERICAN BEAUTIES

|                   | Per Doz. |
|-------------------|----------|
| Extra long.....   | \$5 00   |
| 36-inch stem..... | 4 00     |
| 30-inch stem..... | 3 50     |
| 24-inch stem..... | 3 00     |
| 20-inch stem..... | 2 50     |
| 18-inch stem..... | 2 00     |
| 16-inch stem..... | 1 50     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

### Richmond.

|                      |  |
|----------------------|--|
| Killarney.....       |  |
| White Killarney..... |  |
| Field.....           |  |
| My Maryland.....     |  |
| Uncle John.....      |  |
| Bride.....           |  |
| Ivory.....           |  |
| Sunrise.....         |  |
| Gate.....            |  |
| Perle.....           |  |

|              | Per 100 |
|--------------|---------|
| Special..... | \$10 00 |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |

## ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|                                  | Per 100           |                | Per 100           |
|----------------------------------|-------------------|----------------|-------------------|
| White for St. Patrick's Day..... | \$4 00 to \$ 6 00 | Harrisii.....  | per doz., \$1 50  |
| Fancy.....                       | 3 00              | Valley.....    | \$4 00            |
| Common.....                      | 1 50 to 2 00      | Violets.....   | \$ 75 to 1 00     |
| Sweet Peas.....                  | 75 to 1 00        | Adiantum.....  | 1 00              |
| Jonquils.....                    | 3 00 to 4 00      | Asparagus..... | per bunch, \$0 50 |
| Daffodils.....                   | 3 00 to 4 00      | Ferns.....     | per 1000, 3 00    |

Subject to change without notice.

**PETER REINBERG,** 35 Randolph St., **Chicago**

## GREEN CARNATION FLUID

**Yellow.** It is the latest thing out and is causing a commotion around the Chicago Flower Market. Try a sample quart. Price, same as the green. This advertisement will not appear again, so place your order now with the person who first placed this fluid on the market.

**MRS. F. BEU, 27-29-31 Randolph Street, CHICAGO.**

J. A. Budlong and Sinner Bros. have leased the entire second floor of the building at 7-9 East Randolph street, a few doors east of the E. C. Amling Co., and opposite the Newberry library. Phil Schupp, with J. A. Budlong's, says that they will move from their present location to the new one sometime in April. The building is well lighted and has both a passenger and freight elevator and a front and rear entrance. This is most desirable location and will be great improvement over their old store they now occupy.

Peter Reinberg is on with a large crop of roses and a splendid grade of Killarney, Richmond and other roses can be seen at the store this week. Carnations in all leading varieties are also arriving in fine condition and in quantities large enough to meet the demand.

Vaughan & Sperry are receiving a large supply of Killarney roses, sweet peas and carnations of good quality. Wm. Johnson will succeed Will Timme as packer and the latter will devote his time to looking after his father's greenhouses on North Forty-second court.

The Chicago Carnation Co. find a ready sale for their carnations and clean up their stock at an early hour. The demand for orange blossoms has been very good the past week, and a large number of clusters of this fragrant flower were sold.

A. C. Rott, the enterprising florist of Joliet, paid the city a visit on March 6, returning home the same evening. His window displays are attracting a great deal of attention, especially on Saturdays when he makes a special feature of violets.

Dwight L. Harris, vice president and general manager of the Pulverized Manure Co., 32 Union Stock Yards, is preparing to put their fertilizer on the market in five-pound packages in a very attractive box printed in three colors.

Miss Nettie Parker is suffering from blood poisoning of the left thumb as a result of a scratch from a rose thorn some little time ago. She is, however, attending to her duties as stenographer at the Chicago Carnation Co.'s store.

J. A. Budlong is supplying the customers with an exceptionally fine grade of My Maryland and Killarney roses. The carnations that this firm is cutting are of A1 quality and are greatly appreciated by the trade.

The E. C. Amling Co. is offering an exceptionally fine grade of sweet peas of which they have a large supply. Mr. Amling is having an enjoyable time at Orange, Calif., and is not expected home until next month.

C. L. Keun is enjoying a brisk trade at his store, at 6847 Wentworth avenue, funeral work occupying his attention.

## U S Budlong's E Blue Ribbon Valley.

Bassett & Washburn are cutting a splendid grade of Rhea Fields and American Beauty roses. Carnations are in good supply and enough to meet all demands.

Eli Cross, the well-known grower of Grand Rapids, Mich., is shipping a splendid grade of lilies to this market.

F. G. Hunt of Park Ridge has several houses of sweet peas and carnations that are now in full crop.

John Kruchten's chief offering this week is a splendid grade of sweet peas of exceptionally good quality.

E. F. Winterson Co. is receiving a large supply of carnations, lilies and callas of good quality.

Mons Olson of the Pochlmann Bros. Co.'s force is on the sick list this week.

E. H. Hunt is featuring a splendid grade of lilies and carnations this week.

**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**ROSES** Of extra good quality which we offer  
at reasonable prices.

AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

White, Red, Light Pink and Pink

Violets, Tulips, Daffodils, Jonquils, Narcissus, Romans, Sweet Peas and  
Greens of all kinds. Also a good supply of our famous **BLUE RIBBON VALLEY**—once  
used, always used. Order some and be convinced

Buy Direct  
From the  
Grower.

**J. A. BUDLONG**  
37-39 Randolph Street, CHICAGO.  
WHOLESALE  
GROWER of **CUT FLOWERS**

We Strive  
To  
Please.

L. H. Winkelman, who has been in the employ of Bassett & Washburn for the past sixteen years, will leave this firm after the Easter rush and go into the coal business with his father-in-law. He has been a valued employee and the firm regrets to hear of his leaving, but his many friends wish leave, but with many friends who wish him success in his new undertaking.

Frank Williams of the Alpha Floral Co. is enjoying a six months' tour of the European continent which will terminate at his old home in Greece. Mrs. Williams says his health has been poor for some time, and it is hoped that the trip will prove beneficial.

Wietor Bros. are now receiving a good supply of both roses and carnations which enables them to meet all demands. They will be in good shape to take care of orders for white carnations for St. Patrick's day, as they are cutting these very heavily.

Geo. F. Weiland, the well-known grower at Evanston, will rebuild a portion of his old range and erect 11 new houses. He has already commenced operations and is making concrete foundations. The lumber for the houses is expected to arrive this week.

John Zech and Matt. Mann, members of the well-known firm of Zech & Mann, returned March 5 from a two-week's visit at New Orleans, where they were in attendance at the Mardi Gras. They report having had a most enjoyable time.

**St. Patrick's Green Dye....**

I handle only the original true IRISH DYE. Put up in powder form, which is easily diluted. Don't buy liquid dye when you can get this powder so cheap and dilute it yourself. Full directions with each package. One package will dye from 100 to 150 carnations.

Per package, 25c; 5 packages, \$1.00; per dozen, \$2.00

**Chas. W. McKellar, 51 Wabash Ave., Chicago.**

Mrs. F. Beu sold the first wallflowers of the season at her stand in the Flower Growers' market on March 3.

C. L. Washburn escorted W. S. Fragar, an enthusiastic orchid amateur of Japan, around the market last week.



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
Seasonable stock.

and Fancy Carnations in good  
supply.

### CURRENT PRICE LIST

| American Beauty     | Per doz.               |
|---------------------|------------------------|
| Extra long.....     | \$6 00                 |
| 36 inch and up..... | 5 00                   |
| 30 inch.....        | 4 00                   |
| 24 inch.....        | 3 00                   |
| 18 to 20 inch.....  | 2 00                   |
| Short stem.....     | \$1 00 to 1 50         |
| 12 to 15 inch.....  | per 100, 8 00 to 10 00 |

| Richmond, fancy..... | Per 100        |
|----------------------|----------------|
| select.....          | \$12 00        |
| medium.....          | 10 00          |
| good short.....      | \$6 00 to 4 00 |

| Killarney, fancy.....    | Per 100       |
|--------------------------|---------------|
| select.....              | 15 00         |
| medium.....              | 12 00         |
| good short.....          | 8 00 to 10 00 |
| ROSES our selection..... | 4 00 to 6 00  |

| Bridesmaid, fancy..... | Per 100        |
|------------------------|----------------|
| select.....            | \$12 00        |
| medium.....            | 10 00          |
| good short.....        | \$6 00 to 4 00 |
| Bride, fancy.....      | Per 100        |
| select.....            | 10 00          |
| medium.....            | 6 00 to 8 00   |
| good short.....        | 4 00           |
| My Maryland.....       | Per 100        |
| select.....            | 10 00          |
| medium.....            | 6 00 to 8 00   |
| good short.....        | 4 00           |

| CATTLEYAS.....                    | Per doz., \$6 00 to \$7 50 |
|-----------------------------------|----------------------------|
| Harris Lilies.....                | per doz., 1 50 to 2 00     |
| Calas.....                        | 15 00                      |
| Fancy Eupatorium.....             | per bunch, 50              |
| Carnations, fancy.....            | \$2 00 to 3 00             |
| 1st quality.....                  | 1 50 to 2 00               |
| "White for St. Patrick's Day..... | 4 00 to 6 00               |

| Freecias.....                         | Per 100                   |
|---------------------------------------|---------------------------|
| Mignonette.....                       | \$3 00 to \$4 00          |
| Paper Whites.....                     | 4 00 to 8 00              |
| Romans.....                           | 3 00 to 4 00              |
| Sweet Peas.....                       | 75 to 1 25                |
| Tulips.....                           | 3 00 to 4 00              |
| Valley.....                           | 3 00 to 4 00              |
| Violets.....                          | 50 to 1 00                |
| Adiantum.....                         | 75 to 1 00                |
| Asparagus Plumosa, extra quality..... | per bunch, \$ 35 to \$ 50 |
| per string.....                       | 50 to 60                  |
| Sprenger.....                         | \$3 00 to 4 00            |
| Boxwood 25c per lb., 50-lb. case..... | \$7 50                    |
| Fancy Ferns.....                      | per 1000, 3 00            |
| Gal-x.....                            | per 1000, 1 25            |
| Smilax.....                           | per doz., 1 50            |
| Mexican Ivy.....                      | 75                        |
| Wild Smilax.....                      | per case, 5 00            |

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

We are Cutting a  
Large Quantity of

## Fine Roses

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      | Per doz.       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 15-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 |   |                         |
|-----------------|---|-------------------------|
|                 |   | Per 100                 |
| Killarney       | } | Extra fancy.....\$ 8 00 |
| White Killarney |   | Fancy.....6 00          |
| Mrs. Jardine,   |   | Good.....5 00           |
| Richmond,       |   | Short.....3 00          |
|                 |   | Per 100                 |
| Bride,          | } |                         |
| Maid,           |   | Fancy.....\$6 00        |
| Uncle John,     |   | Good.....5 00           |
| Perle           |   | Short.....3 00          |

| Roses, Our Selection     | Per 100           |
|--------------------------|-------------------|
| White Carnations for St. | 3 00              |
| Patrick's Day.....       | 4 00 to 6 00      |
| Carnations, fancy.....   | 3 00              |
| Good.....                | 1 50 to 2 00      |
| Valley.....              | 4 00 to 5 00      |
| Adiantum.....            | 1 00              |
| Sprenger, per bunch..... | \$ 0.50 to \$0.75 |
| Asparagus.....           | .50 to .75        |
| Ferns, per 1000.....     | 2.50              |
| Galax.....               | 1. to 1.50        |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

Otto Wittbold, superintendent of the Geo. Wittbold Co. establishment at Edgebrook, reports a good demand for rooted cuttings and bedding stock. The shipping trade was very brisk and thousands of dollars worth of stock were shipped last month.

D. E. Freres, who has had a stand in the Flower Growers' Market for the past several years, has leased a room in the Atlas building and will take possession May 1.

The American Metal Box Co., 36 Dearborn street, have their catalog ready for distribution and will be pleased to mail one to any florist upon request.

The Chicago Flower Association, it is said, has applied for a charter, J. F. Kidwell, Geo. B. Welland and Emil Blameuser, sponsors.

Visitors: Martin Reukauf, representing H. Bayersdorfer & Co.; A. Miller, representing Skidelsky & Irwin Co., Philadelphia, Pa.; J. W. Ross, Centerville, Ill.

SAN DIEGO, CALIF.—Walter Scott, formerly connected with the Coronado Nursery, has opened a flower store at 1335 Fifth street, and will carry besides plants and flowers a stock of seeds and bulbs.

**U S Budlong's**  
**E Blue Ribbon Valley.**

JOLIET.—The four-year-old son of Joseph Labo of this city mysteriously disappeared March 6, and the body of the child was found hidden in a cesspool near the greenhouses March 8. Poul play is suspected.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.  
Mention the American Florist when writing

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

\* Store, 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

Chicago Bowling.

Two teams representing the league will visit Milwaukee on March 19, when they will play the two crack florist bowling teams of that city. A large body of rooters will accompany the locals and efforts are being made to secure a special rate from the railroad companies. It is requested of all who intend to accompany the team to leave word with Allie Zech, chairman of the committee of sports, so arrangements for all can be made. On March 1, the Violets won two and lost one game to the Roses and the Orchids won two and lost one to the Carnations. The following table shows the number of games won and lost by each team to date:

|            | Won | Lost |         | Won | Lost |
|------------|-----|------|---------|-----|------|
| Orchids    | 45  | 15   | Roses   | 24  | 36   |
| Carnations | 30  | 30   | Violets | 21  | 39   |

Individual and team scores for games played March 1:

Individual and team scores for games played March 1:

| Violets.        |             | Carnations.     |             |
|-----------------|-------------|-----------------|-------------|
| Winter's.....   | 79 84 69    | Krauss.....     | 146 154 149 |
| Schuenen's..... | 141 120 120 | Ayers.....      | 167 134 142 |
| Friedman.....   | 197 135 137 | Goerlich.....   | 164 175 125 |
| Riley.....      | 104 156 126 | Schultz.....    | 120 125 145 |
| Lorman.....     | 101 115 136 | Zech.....       | 161 182 157 |
| Totals.....     | 622 640 588 | Totals.....     | 764 770 748 |
| Roses.          |             | Orchids.        |             |
| Craig.....      | 103 111 165 | Huebner.....    | 146 176 163 |
| Sweeney.....    | 105 103 184 | Graff.....      | 169 150 176 |
| Myers.....      | 148 146 140 | Huebner Jr..... | 504 138 137 |
| Katzel.....     | 101 120 110 | Dezman.....     | 132 169 134 |
| Fisher.....     | 158 111 149 | Farley.....     | 151 197 138 |
| Totals.....     | 616 591 715 | Totals.....     | 702 820 745 |

MIDDLEPORT, N. Y.—The White Bros. of Hartland have sold their greenhouses at that place to Burton Smith and will open up a modern florist establishment and erect a number of greenhouses at Medina.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

19, 21 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, Mar. 8.                     | Per doz. | Per 100 |
|--------------------------------------|----------|---------|
| Roses, Beauty, special.....          | 6 00     | 60 00   |
| " " 36 in. ....                      | 5 00     | 50 00   |
| " " 30 in. ....                      | 4 00     | 40 00   |
| " " 24 in. ....                      | 3 00     | 30 00   |
| " " 18 in. ....                      | 2 00     | 20 00   |
| " " 12 to 15 in. ....                | 8 00     | 80 00   |
| " " Bride, Bridesmaid, select, 12 00 | 2 00     | 20 00   |
| " " medium and short 6 00            | 10 00    | 100 00  |
| " " Killarney, select.....           | 12 00    | 120 00  |
| " " medium and short 4 00            | 10 00    | 100 00  |
| " " My Maryland.....                 | 6 00     | 60 00   |
| " " Perle.....                       | 6 00     | 60 00   |
| " " Richmond.....                    | 6 00     | 60 00   |
| " " White Killarney, select.....     | 15 00    | 150 00  |
| " " medium.....                      | 8 00     | 80 00   |
| Carnations.....                      | 2 00     | 20 00   |
| " " fancy.....                       | 3 00     | 30 00   |
| Cattleyas.....per doz.,              | 6 00     | 60 00   |
| Gardenias.....per doz.,              | 3 00     | 30 00   |
| Dendrobium Formosum.....             | 5 00     | 50 00   |
| Dendrobium Noble.....                | 2 00     | 20 00   |
| Freessias.....                       | 3 00     | 30 00   |
| Hyacinths, Roman.....                | 3 00     | 30 00   |
| Lilium Harrison.....per doz.,        | 1 50     | 15 00   |
| Lily of the Valley.....              | 3 00     | 30 00   |
| Mignonette.....                      | 4 00     | 40 00   |
| Narcissus.....                       | 3 00     | 30 00   |
| Sweet Peas.....                      | 75¢      | 7 50    |
| Violets.....                         | 3 00     | 30 00   |
| Adiantum.....per 100,                | 75¢      | 7 50    |
| Asparagus Plum, strings, each,       | 50¢      | 5 00    |
| " " per bunch,                       | 35¢      | 3 50    |
| " " Sprenger.....                    | 3 00     | 30 00   |
| Boxwood.....per case,                | 7 50     | 75 00   |
| Ferns.....per 1000,                  | 2 50     | 25 00   |
| Smilax.....per doz.,                 | 1 50     | 15 00   |
| Wild Smilax.....per case,            | 5 00     | 50 00   |

### Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Union Restaurant March 2 with a good attendance, Vice President Kohlbrand in the chair. The transportation committee reported in favor of the Lake Shore railroad for the Boston flower show trip, leaving Thursday, March 23, at 5:30 p. m. The following were elected members: Harry F. Gray, Des Plaines, Ill.; Wm. Wolf, 5708 Emerald avenue; Robt. E. Newcomb, 84 Randolph street; Edw. Goldstein, 84 Randolph street, and C. A. Beatty, 355 Dearborn street. Four new names were presented for membership: F. J. Kral, Jr., 1907 Halsted street; Wm. Harbitz, 3435 West Chicago avenue; Gustave L. Klimmek, St. Clair, and Illinois streets, and Edw. A. Ollinger, 324 Dearborn street.

F. Dörner & Sons Co., Lafayette, Ind., exhibited two new carnations, White Wonder and Gloriosa. The latter scored

## WIETOR BROS.

Wholesale Cut Flowers  
Growers of

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## A. L. Randall Co.

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Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

## U S Budlong's E Blue Ribbon Valley.

86 points, but White Wonder was not in condition for scoring.

The feature of the next meeting will be a discussion on fertilizers.

MINNEAPOLIS, MINN.—A comprehensive plan to make Minneapolis a city of flowers the week of the civic celebration July 2-8, was outlined before the garden committee February 28. Seeds have been secured and before these are planted there is to be a general cleaning up of the highways and byways of the city. Sixty people have agreed to serve on the committee which will undertake this preliminary work. The garden committee includes the mayor, Theodore Wirth, superintendent of parks, A. S. Woods of the department of agriculture at the state university, and others.



# Fancy Carnations, \$3.00 per 100

say about our Carnations, you will fully understand the value of opportunities that we offer every day in the year—values that are rarely if ever equalled.

CARNATION DYE, GREEN, 50c per package. One package will color several hundred flowers.

## THE LEO NIESSEN CO.,

Business Hours: 7 a. m. to 8 p. m.  
1209 Arch St.,

## Philadelphia, Pa.

### Philadelphia. CHEAPER PRICES.

The first week of the Lenten season was fairly active, there being a good demand for stock when it was offered at moving prices. Reduced rates are in evidence all along the line, occasioned principally by the increased output, the volume of stock having increased at least 100 per cent over that of a couple of weeks ago. Roses are much more plentiful and are of better color and substance. Growers say that another couple of weeks will see a decidedly larger increase in the quantity. American Beauties, which have been holding at such high figures since the holidays, are beginning to come in larger quantities and will soon be within the reach of the average buyer. Bulbous stock is plentiful and in good demand. Sweet peas are also offered at lower prices. Some really good stock is seen and can be had in quantity. Violets, double and single, are moving very well, considering the quantity coming in. Cattleyas appear to be in good demand as nothing worth having is seen under \$5 per doz. The next event is Paddy's Day and a visit to W. K. Harris' shows them to be prepared for this Irish anniversary. Something over 70,000 2-inch pots are seen filled with this Irish clover, all grown from seed imported from the Emerald Isle. Some years ago the idea of handling such a large lot of this plant by one firm would have been thought impossible, but Mr. Harris, who has always done things on a large scale, grew it in large quantities from the first, and his very boldness has kept competitors out of the field. The cut is all grown and run off between January 1 and March 16, fitting in between the Christmas and Easter holidays nicely. Much of this large stock is used by the department stores, who give it away to their customers. There are also hundreds of clover-shaped pans and small round pans filled with shamrock, which are handled by the store men, who find it a good seller and all right for a window display.

### CLUB MEETING.

The meeting of the Florists' club on account of a better space to illustrate the lecture, was held in the lecture room. The views were of the new Riverton greenhouses of H. A. Dreer, recently erected by the King Construction Co. Mr. King gave a very entertaining account of the methods of their construction, and also explained at some length the heating system. At the conclusion the speaker received the unanimous thanks of the club. It was determined to have a banquet in the near future, the committee being instructed to go ahead and make the necessary preparations. The club membership is growing, as was evidenced by the election of four new members and the nomination of five others for next meeting.

### NOTES.

Robert Craig is home from the Isle of Pines and appears much benefited by his sojourn in that warm clime. He is much pleased at the growth made in the dracenas and other plants he is giving a trial here, and thinks there is a great future for the growing of such stock there in a prepara-

## Wholesale Flower Markets

| PHILADELPHIA, Mar. 8.      |    | Per 100  |
|----------------------------|----|----------|
| Roses, Beauty extra.....   | 50 | 00¢75 00 |
| "    first.....            | 25 | 00¢50 00 |
| "    Brides and Maids..... | 6  | 00¢15 00 |
| "    Killarney.....        | 4  | 00¢25 00 |
| "    White Killarney.....  | 4  | 00¢15 00 |
| Callas.....                | 8  | 00¢10 00 |
| Cattleyas.....             | 25 | 00¢25 00 |
| Dafodils.....              | 2  | 00¢7 50  |
| Forget-me-nots.....        | 2  | 00¢7 50  |
| Gardenias.....             | 2  | 00¢7 50  |
| Lilacs.....                | 75 | 1 10     |
| Lilium Harrisii.....       | 8  | 00¢15 00 |
| Lily of the Valley.....    | 3  | 00¢5 00  |
| Mignonette.....            | 2  | 00¢5 00  |
| Snodragrass.....           | 10 | 00¢25 00 |
| Sweet Peas.....            | 40 | 00¢1 00  |
| Violets.....               | 50 | 00¢7 50  |
| Adiantum.....              | 1  | 00¢2 50  |
| Asparagus.....             | 50 | 00¢2 50  |
| Smilax.....                | 15 | 00¢20 00 |

| PITTSBURGH, Mar. 8.        |    | Per 100  |
|----------------------------|----|----------|
| Roses, Beauty special..... | 25 | 00¢35 00 |
| "    extra.....            | 15 | 00¢20 00 |
| "    No. 1.....            | 10 | 00¢12 00 |
| "    Bride Maid.....       | 2  | 00¢5 00  |
| "    Chateaux.....         | 2  | 00¢5 00  |
| "    Killarney.....        | 2  | 00¢5 00  |
| "    My Maryland.....      | 2  | 00¢5 00  |
| "    Richmond.....         | 2  | 00¢5 00  |
| Carnations.....            | 2  | 00¢2 50  |
| Cattleyas.....             | 40 | 00¢50 00 |
| Lilium Longiflorum.....    | 10 | 00¢12 00 |
| Lily of the Valley.....    | 4  | 00       |
| Paper Whites.....          | 3  | 00       |
| Romans.....                | 2  | 00       |
| Sweet Peas.....            | 50 | 00¢1 00  |
| Adiantum.....              | 1  | 00¢1 50  |
| Asparagus.....             | 50 | 00       |
| "    strings.....          | 50 | 00       |
| "    sprays.....           | 50 | 00       |
| Smilax.....                | 15 | 00       |

tory way, and finishing it here. Much American capital is going to the Islands for investment in land and plantations of oranges and grape fruit.

The coming show at Boston is attracting considerable interest amongst the craft here and many large exhibits will be sent by the florists' supply men. The plantsmen will also be well represented and keep up the reputation of the city as the supply center of the country for all kinds of foliage plants.

Charles Henry Fox has moved from his cozy store to a few doors below, the new number being 223 South Broad street.

K.

### •Pittsburg.

### BUSINESS QUIET.

Lent is giving the flower business quite a jolt. Social events of any consequence are few and far between. The old saying a poor beginning may have a good ending, perhaps, may be applied here, we hope so at any rate. The bottom has certainly fallen out of this market, carnations are bringing summer prices, roses are holding better, particularly the fancy ones, other grades are plentiful; sack cloth and ashes are putting the quietus on the violet trade, the demand being very light. Asparagus plumosus, adiantum and smilax are very plentiful.

### NOTES.

Prof. Vincent's lecture before the club February 28 on "Bulbs and blooming plants" proved very interesting. About two hundred members

The stock which we are offering is of a well known high standard, produced by successful growers around Philadelphia. If you carry the truth in mind, when you read what we

## FANCY

# Valley Violets, Lilacs

## THE McCALLUM CO., Inc.

PITTSBURGH, PA.

Mention the American Florist when writing

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA.

## Grand Rapids Greenhouse Co., The Leading Wholesale Florists Of Michigan.

200,000 square feet of glass devoted to Cut Flowers. Shipments everywhere. Prompt and Satisfactory. Write us for particulars.

Grand Rapids Greenhouse Co., Grand Rapids, Mich.

## FRESH CUT FLOWERS

If you wish regular shipments of Daffodils, Paper Whites, Grand Monarque, etc., at seasonable prices address

THE LEEDHAM BULB CO., Santa Cruz, Cal.  
Gladiolus America, Tulips,  
Spanish Iris, etc., in season.

## U S Budlong's E Blue Ribbon Valley.

and their wives and friends were in attendance. After the lecture and pictures, the club repaired to the main dining hall and enjoyed a nice lunch and music.

A. W. Smith Co. are offering attractive dollar boxes, that are making those who are denying themselves luxuries break their fast.

Klinke & Werheim announce they will open their new store in the Jenkins' Arcade March 11.

Randolph & McClements, Baum and Beatty streets, have been very busy with funeral work.

J. Meikeljohn, with Darrow, New York, was a recent business caller in town.

Phillip & Seedam, Washington, report business fair.

J.

# WELCH BROTHERS, Asparagus Plumosus Nanus

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other reasonable stock.

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## Wholesale Flower Markets

| BOSTON, Mar. 8.            |       | Per 100     |
|----------------------------|-------|-------------|
| Roses, Beauty, best        | ..... | 0 00@75 00  |
| " " culls                  | ..... | 25 00@75 00 |
| " " Bride'smaid            | ..... | 2 00@2 80   |
| " " Killarney and Richmond | ..... | 8 00@16 00  |
| " " My Maryland            | ..... | 8 00@16 00  |
| " " Carnot                 | ..... | 8 00        |
| Carnations, select         | ..... | 2 00@2 50   |
| " " fancy                  | ..... | 4 00@4 00   |
| Callas                     | ..... | 8 00@12 00  |
| Cattleyas                  | ..... | 35 00@50 00 |
| Chrysanthemums             | ..... | 8 00@35 00  |
| Gardenias                  | ..... | 25 00@35 00 |
| Lilium Longiflorum         | ..... | 8 00@10 00  |
| Lily of the Valley         | ..... | 2 00@2 40   |
| Violets                    | ..... | 50@ 75      |
| Smilax                     | ..... | 12 00@16 00 |
| ST. LOUIS, Mar. 8.         |       |             |
| Roses, Beauty, long stems  | ..... | 40 00@50 00 |
| " " medium stems           | ..... | 20 00@25 00 |
| " " short stems            | ..... | 2 00@2 40   |
| " " Bride, Bridesmaid      | ..... | 5 00@2 80   |
| " " Killarney              | ..... | 5 00@2 80   |
| " " My Maryland            | ..... | 5 00@2 80   |
| " " Richmond               | ..... | 5 00@2 80   |
| Carnations                 | ..... | 1 50@2 25   |
| Easter Lilies              | ..... | 12 50@15 00 |
| Valley                     | ..... | 4 00        |
| Adiantum                   | ..... | 1 25        |
| Asparagus Sprengerii       | ..... | 2 00@2 30   |

ing about their banquet and dance. The popular phrase is, "It's the best ever."

A. Christiansen of Stoneham, at the Park St. market, never has any trouble disposing of his carnations, quality is and has been his motto always—it pays.

Robert Montgomery, Natick, is recovering from a threatened attack of pneumonia, like most busy men, bed is a hard place for him.

Nelson & Johnson of Framingham consign to their agent in Park St. Market some of the best carnations coming into Boston.

N. F. McCarthy & Co are going to erect an iron frame house 300 feet long for their new Pink Killarney rose.

J. S. Manter is receiving some nice Killarney and antirrhinum.

Henry M. Robinson has gone west on a business trip.

P. Welch has just returned from a western trip.

Visitors: S. S. Pennock, Philadelphia.

Weather, springlike. MAC.

LOUISVILLE, KY.—The American Floral Co. has been incorporated with a capital stock of \$10,000. The incorporators are John S. Skrobaneck, H. Oswalk, Geo. and Rudolph S. Keobanks.

## J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.

Price List on application.

316 Walnut St., CINCINNATI, OHIO.

Phone Main 584.

Boston.

A GLUT OF MATERIAL.

With the advent of Lent, a few days' sunshine, a falling market and an increased supply of material the past week has been glutty. It is only a repetition of the yearly event that the grower expects, there are some salesmen hopeful that another week will see improved business. There is good material of every description. Roses, with the exception of American Beauty, are quite plentiful. Carrying coals to New Castle is an oft-repeated phrase, but American Beauty is being shipped from another state here, whether the local growers have lost the art of getting them or there is not enough glass devoted to that particular rose I do not know, but it seems as if more Beauties could be handled from the local growers than there is at present. Carnations are abundant and good, sweet peas are also, violets are overdone at present and prices have dropped to a very low point. Lily of the valley is plentiful and of good quality, but goes slow. Some very nice freesias in the market are of good quality, but buyers are slow on them. Daffodils are very good and sold in lots. Snapdragon. I am told, have no one to look at it, but let us cheer up, the worst is probably over or is yet to come. There are some nice displays in the retailers' windows. Galvin had a beautiful window filled with orchids while another was filled with nice heaths in 4-inch pots, a nice bunch of Mrs. Aaron Ward rose and a few pots of shamrocks to remind us of St. Patrick's Day; Zinn and Comley had each beautiful window decorations. Ramblers, cyclamens, azaleas and other flowers made a nice display. Penn & Brothers, roses and violets; Silverman, Killarney roses and the Rosary; McMulken, Doyle and Hoffman, all past-masters in the art of decorating, each had a distinct and beautiful setting. The wholesalers report shipping trade good, considering the state of the market. Robinson & Co. report good on American Beauty; Welch Bros. good trade on American Beauty and an increased trade on acacia pubescens; there is a future for this variety and growers should take it up. Mr. Welch states they receive consignments from seven different growers, and the demand sometimes is in excess of the supply. McCarthy & Co. report good volume of business.

NOTES.

The members of the Gardeners' and Florists' Club have not got done talk-

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Mention the American Florist when writing

## WM. C. SMITH

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WHOLESALE FLORISTS

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Both L. D. Phones.

Supplies and Everything in Season always on hand

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## RICE BROTHERS

Wholesalers of Cut Flowers

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Minneapolis, Minn.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT

FLOWERS and Jobbers of

FLORISTS' SUPPLIES.

Columbus, Ohio

## Geo. H. Angermueller,

Wholesale Florist.

1324 Pine St., ST. LOUIS, MO.

St. Patrick's Carnation Fluid for coloring carnations green. Per quart, \$1 00 Per pint, 50c.

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies

Dagger and fancy ferns \$1.00 per 1000. Green and bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-b case \$7.00 by the lb., 25c. Laurel Wreaths, 10 inch, \$1.75 per doz.; 12 inch, \$2.25 per doz.; 14 inch, \$3.00 per doz.; 16 inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

Birmingham, Ala.

The trade conditions have been very good throughout the entire season, and all the florists have enjoyed a good business. The stock has been of high quality all the year, and all are cutting splendid bloom at the present time.

Hugh Seales has had an exceptionally busy season with a great deal of funeral work. Herbert Clausen, formerly of Utica, N. Y., is now at the retail store, and during his brief stay here had made many friends. S.



## SPECIAL NOTICE

The Mac Niff Horticultural Co., 62 Vesey St., New York, wish to announce the opening of their Auction Department on Tuesday, March 14, at eleven o'clock, a. m. Sales every Tuesday and Friday. Stock will consist of Rhododendrons, Rose bushes, Magnolias, Azalea Mollis, etc., also Tuberous Rooted Begonias. Caladiums, Valley Clumps and other bulbous stock.

R. W. MacNiff, President and Auctioneer.

Louis Schmutz, Jr., Secretary.

### New York.

#### TREMENDOUS INCREASE OF STOCK.

The tide has turned. The day of scarcity of stock and correspondingly high prices has vanished, temporarily perhaps, but gone nevertheless. And we do not believe that the coming of the Lenten season is in any way responsible for lower prices on flowers, the reason is manifest in the tremendous increase in the crops for, with one exception, every kind of flower grown has about doubled up in quantity during the last week or ten days, so why put the blame for lower prices upon the observance of religious rites when it is so apparent that the cause is simply an increase in the supply? American Beauty roses are sure enough scarce, but not any more so than they were at this time last year. Other varieties of roses are getting very plentiful. There is a fair demand for the short stemmed grades, but the special grade stock does not move at all well, and further cuts in prices are to be expected, and there has been quite a drop in values already. Carnation prices have almost been cut in half and the way stock is coming in every day it would not be surprising to see them go lower still, they are getting very, very plentiful. Sweet peas are almost in the same condition, thousands coming in where there were but hundreds a short time ago. Violets also are heavy and accumulated stock goes in job lots at times to the street workers at almost \$2.00 per thousand, this is the condition in a nutshell. Lilies, lily of the valley, callas, tulips, narcissus and all the miscellaneous stock is affected, prices for all have a very marked tendency downward, still, few complaints are heard as it is freely admitted that since January first the wholesale prices of cut flowers have been at high water mark almost continuously.

#### NOTES.

Fred Sanders, noted horticulturist of England and Belgium, sailed for home March 8 after a fortnight's visit with Julius Roehrs. During an interview with Mr. Sanders, he expressed the opinion that America is fully abreast of Europe in all pertaining to plant cultivation, and way ahead of them in greenhouse construction. He sees many changes since his last visit, twenty years ago, and refers to the statement made by him at that time that orchids would become popular and be used in quantities here. How well has his prophecy been fulfilled. He noticed particularly the interest we are taking in stove plants and how well they did here. He was sorry that his stay was limited to a fortnight. It prevented him from visiting Chicago, for his friend, Carl Cropp, told him that coming here without seeing Chicago was like going to Rome without seeing the pope. Mr. Sanders was much impressed with changes in New York, the increased size of florists' establishments, the size of city build-

ings and the modes of transportation. Those fortunate enough to meet Mr. Sanders while here have been much impressed with his genial good nature and are only sorry he could not stay longer among us.

The March meeting of the New York Florists' Club will be held on Monday, the 13th, in the Grand Opera House building, corner Eighth avenue and Twenty-third street. Pres. Nugent is noted for being punctual and the gavel will hit the marble promptly at eight o'clock, so out of town members can see the close of the meeting and still have time to get their trains.

The outing committee, Jos. Fenrich, chairman, held a meeting on March 4 in the office of Henshaw & Fenrich, and did quite some preliminary work in connection with the summer outing, which will take place in June, they will have an interesting report to make at the club meeting on Monday night.

John Donaldson is confined to his home, Elmhurst, L. I., with an attack of rheumatism. A directors' meeting of the Cut Flower Exchange was scheduled for March 4, but was postponed for one week on account of Mr. Donaldson's inability to attend.

Alex. McConnell, the Fifth avenue retailer, will in the near future move a little further up the avenue, his present number is 571 and he goes to 611.

The dinner at Shanley's, March 18, is going to be one of the best ever, the committee, of which C. B. Weathered is chairman, are working strenuously and are meeting with many applications for tickets, so a large attendance is already assured.

Carl Stumm, retail florist, Fourth avenue and Nineteenth street, has been suffering from a broken ankle which he got from slipping down on an icy sidewalk, he is now able to get about with the aid of crutches only.

The Greater New York Florists' Ass. held their annual dinner and reception at "Raub's restaurant, Brooklyn, March 9. Tickets were \$3.00 each, there was a good attendance and the affair was most enjoyable.

Richard Merritt, who has charge of the plant and flower departments at the Siegel-Cooper stores, says that the business in gold fish and canaries is increasing very greatly.

The MacNiff Horticultural Co. will hold their first auction on March 14, rhododendrons and other coniferous stock and other hardy plants will be offered.

Wm. Elliott & Sons will open their spring auction season March 14, with a sale of bulbs, roots, roses and a general line of hardy stock.

James McManus, the orchid specialist, will move from 42 to 55 West Twenty-eighth street, May 1.

Frank H. Traendly and Walter F. Sheridan made a hurried trip to Philadelphia, Pa., recently.

John N. May and wife, Summit, N. J., have sailed for Bermuda.

**Charles Weiss & Sons**

127 West 28th St. NEW YORK  
Telephone 1202 Madison Square

**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

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136 W. 28th St., New York City

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(Successor to John Seligman & Co.)

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28 Willoughby Street,

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**BROOKLYN, N. Y.**

A. MOLTZ

MAURICE L. GLASS

**A. MOLTZ & COMPANY,**

**WHOLESALE FLORISTS**

55-57 West 26th St.,

**NEW YORK**

Telephone Madison Square 617 and 618.

**U S Budlong's**  
**E Blue Ribbon Valley.**

The New York team went to Rutherford, N. J., on March 1 and beat the Rutherford boys two games out of three. The New Yorkers were delightfully entertained, an elaborate dinner being served between the second and third games. The scores made were as under:

|                                                          |                       |
|----------------------------------------------------------|-----------------------|
| Rutherford.                                              | New York.             |
| Hassel's 167 163 156                                     | Chadwick 103 174 184  |
| Geller ... 135 180 180                                   | Manda ... 145 149 170 |
| E. Roehrs 105 183 168                                    | Shaw ... 167 110 141  |
| Richter ... 137 128 114                                  | A. Rick's 90 106 166  |
| J. Roehrs 79 106 146                                     | W. Rick's 110 97 115  |
| Visitors: P. Welch, Boston, Mass.;                       |                       |
| E. C. Campbell, Rochester, N. Y.;                        |                       |
| L. C. Lovett, Little Silver, N. J.;                      |                       |
| J. C. Vaughan, Chicago; S. S. Pennock, Philadelphia, Pa. |                       |

PHILADELPHIA

NEW YORK

WASHINGTON

**S. S. Pennock-Meehan Co.**

WHOLESALE FLORISTS

109 West 28th Street, NEW YORK

Everything in Cut Flowers.

PERCY B. RIGBY, Treasurer.

Everything in Supplies

D. Y. Mellis, Pres.

Geo. W. Crawback, Mgr.

Robert G. Wilson, Treas.

**Greater New York Florists' Ass'n.**

Wholesale Commission Florists and Dealers in Florists' Supplies.

 Telephones <sup>3642</sup> { Main. 162 Livingston St., BROOKLYN, N. Y.  
<sup>3643</sup> {  
<sup>6028</sup> {
**Charles Millang**

WHOLESALE FLORIST

 55 and 57 West 26th St., NEW YORK  
 Telephones: 7062-7063 Madison.

Give us a Trial We can Please you.

Roses, Carnations and all kinds of Seasonable Flowers in Stock.

**WM. F. KASTING CO.** Wholesale Commission Florists.  
**BUFFALO N. Y.**  
 Florists' Supplies and Wire Designs.

**August Millang**

WHOLESALE FLORIST

41 W. 28th St., NEW YORK

Mention the American Florist when writing

**N. Y. Cut Flower Exchange**

Coogan Bldg., 6th Ave. &amp; W. 26th St., New York.

Open for Cut Flower Sales at 6 o'clock Every Morning.

Desirable Wall Space to Rent for Advertising.

**V. S. DORVAL, Secretary.**  
 Mention the American Florist when writing

FLOWERS SHIPPED BY

**P. J. SMITH,**

Are the best product of the best growers for the New York market.

Adiantum Crowneum sold here exclusively.

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Mention the American Florist when writing

**A. L. YOUNG & CO.**

Wholesale Florists

Consignments Solicited.

Telephone, 3599 Madison Square.

54 West 28th St. NEW YORK.

Mention the American Florist when writing

**Traendly & Schenck,**

WHOLESALE FLORISTS,

131 & 133 WEST 28th ST  
Phones: 798 and 799.

NEW YORK

**W. M. P. FORD,**

45 West 28th St., NEW YORK.

WHOLESALE FLORIST

Phone: 5335 Madison Sq. Consignments of Cut Flowers Solicited

**Badgley, Riedel & Meyer, Inc.**

WHOLESALE FLORISTS

34 West 28th St., NEW YORK.

PHONES 1664 1665 Madison Sq.

Consignments Solicited

**Wholesale Flower Markets**

| NEW YORK, Mar. 8.                |             |
|----------------------------------|-------------|
| Roses, Beauty, special.....      | 50 00@60 00 |
| extra and fancy.....             | 15 00@25 00 |
| No. 1 and No. 2.....             | 2 00@2 30   |
| Bride, Bridesmaid, special.....  | 6 00@8 00   |
| extra and fancy.....             | 4 00@6 00   |
| No. 1 and No. 2.....             | 2 00@4 00   |
| Killarney, My Maryland, spl..... | 6 00@8 00   |
| extra and fancy.....             | 4 00@6 00   |
| No. 1 and No. 2.....             | 2 00@4 00   |
| Richmond.....                    | 2 00@10 00  |
| Carnations.....                  | 1 00@3 00   |
| Callas.....                      | 1 00@3 00   |
| Cattleyas.....each.....          | 25@ 60      |
| Gardenias.....per doz.....       | 2 00@5 00   |
| Lilium Longiflorum.....          | 6 00@8 00   |
| Lily of the Valley.....          | 1 00@3 00   |
| Narcissus P. White.....          | 1 00@2 00   |
| Yellow.....                      | 1 00@2 00   |
| Roman Hyacinths.....             | 1 00@2 00   |
| Sweet Peas.....per doz.bchs..... | 60 50       |
| Tulips.....                      | 1 00@2 00   |
| Violets.....                     | 20@ 40      |

| BUFFALO, Mar. 8.               |             |
|--------------------------------|-------------|
| Roses, Beauty, special.....    | 40 00@50 00 |
| extra and fancy.....           | 30 00@35 00 |
| No. 1.....                     | 20 00@25 00 |
| No. 2.....                     | 10 00@15 00 |
| Bride, Maid, Killarney.....    | 5 00@10 00  |
| Killarney, White and Pink..... | 5 00@12 50  |
| Carnations.....                | 2 00@3 00   |
| Callas.....                    | 12 00@15 00 |
| Double Von Sion.....           | 2 00@3 00   |
| Lilium Longiflorum.....        | 12 00@15 00 |
| Lily of the Valley.....        | 3 00@4 00   |
| Mignonette.....                | 3 00@4 00   |
| Narcissus Paper Whites.....    | 2 00@3 00   |
| Sweet Peas.....                | 50@2 00     |
| Trumpet Major.....             | 2 00@3 00   |
| Tulips, Murillo.....           | 4 00@5 00   |
| Tulips, Single.....            | 3 00@4 00   |
| Violets.....                   | 40@2 50     |
| Adiantum Crowneum.....         | 75@ 1 50    |
| Asparagus per bunch.....       | 35@ 50      |
| Asparagus Sprengerii.....      | 35@ 50      |
| Asparagus Str.....             | 50@ 60      |
| Ferns.....per 1000.....        | \$2 00      |
| Galax, green and brown.....    | 1 50        |
| Leucothea Sprays.....          | 75          |
| Smilax.....                    | 15 00       |

**ALFRED H. LANGJAHR**

WHOLESALE FLORIST,

55 W. 28th Street, NEW YORK

All flowers in season. Consignments of first-class stock solicited.

Phones 4626 and 4627 Madison Square.

**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

**Moore, Hentz & Nash,**

WHOLESALE COMMISSION FLORISTS

55 and 57 West 26th Street,

Telephone No. 756  
Madison Square.

NEW YORK.

Mention the American Florist when writing

**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

57 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square

Mention the American Florist when writing

**Walter F. Sheridan**

WHOLESALE FLORIST,

Telephones: 3532 and 3533 Madison Sq.

131 &amp; 133 West 28th St., NEW YORK.

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**KESSLER BROS.**

136-138 W. 28th St NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

 Phone 2336 Madison. Shipments Everywhere  
 Prompt and satisfactory. Consignments solicited  
 Mention the American Florist when writing
**M. C. FORD**

Successor to FORD BROS.

Receivers and Shippers of **FRESH FLOWERS.**

121 West 28th St., NEW YORK

Telephone 3870-3871 Madison Square

Mention the American Florist when writing



# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
Leucotnoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,  
All Phone Connections.

38-40 Broadway,

DETROIT, MICH.

### Cincinnati.

#### SUPPLY INCREASES.

The volume of business transacted is large, while the supply of stock as a whole received and on hand is still larger. While at the beginning of Lent there was some let up in the demand, still the daily clearings are satisfactory to all. The quantity and quality of the flowers are both improving with the brighter weather. This is true of pink flowers principally and especially of Killarney roses. While the supply of these is very light the quality is A. 1. Bridesmaid, too, has improved. The Taft Rose is again taking rapid strides to the front, and as soon as the continued bright hot weather sets in, will come into its own and be a leader. The call for American Beauty is good while the offering in good ones is short. The supply of carnations still increases, and while the sales are good, still the quantity on hand is so large that they do not clean up entirely day by day. Single violets seem to be crowding doubles out of the market. The supply of the former is letting up somewhat and as a result prices stiffened slightly the early part of the week. Lilies and callas are more than sufficient for requests. Bulbous stock is arriving strong and sells at fair price. Lily of the valley still drags and there is a slight over-supply of sweet peas. The supply of greens is ample for all demands.

#### NOTES.

Wm. Murphy is now in his new location, 309 Main street, where he occupies the whole of a four story building. Tuesday all the men that could be spared from the various Murphy greenhouses at Delhi came to the city and moved most everything that was not there already into the new building.

The marriage of Geo. Durban, Jr., of the North Side Flower Store, and Miss Amelia Stible took place recently. After a large church wedding a dinner was served at the bride's home.

The Anglo Importation Co. will open a store in the Sinton Hotel block on March 17. This establishment will be managed by Mrs. Thaden and will handle flowers, fruits and wines.

The following intend to make the trip to the flower show at Boston: C. E. Critchell and wife, J. A. Peterson and wife and R. Witterstaetter, who will also serve as judge.

The regular meeting of the Florists' Society will be held at P. J. Olinger's, 128 East Third street. The host will provide refreshments.

Geo. Tröme, of the Tromey Flower Shop, and Miss Margaret Unstead, of E. G. Gillette's, have returned from the Mardi Gras.

C. J. Ohmer of West Palm Beach, Fla., has been sending very fine Asparagus plumosus to E. G. Gillette.

ORDER YOUR  
**WILD SMILAX**  
AND ALL OTHER  
**DECORATIVE GREENS**  
FROM  
**GEORGE M. CARTER**  
**EVERGREEN ALABAMA**  
THE QUICKEST SHIPPER

**Wild Smilax** Fresh from woods, 50 lb. case \$5. Let us figure with you on car lots.  
**Fancy and Dagger Ferns,**  
Strictly fresh picked clean and crisp.  
No waste; 10,000 to ca-e, \$1.25 per 1000.  
Strictly cash with order.  
**Neff National Floral Co.,**  
B. illevue, Pa.

## Southern Wild Smilax

Now ready for shipment.

### Perpetuated and Natural Sheet **MOSSSES**

Satisfaction guaranteed.

**E. A. BEAVEN, Evergreen, Ala.**

Robert Buck & Co. of Washington C. H. have been consigning some very fine carnations to C. E. Critchell.

The flower show committee has the advance schedules of premiums ready for mailing this week.

Thos. Windram left for his asparagus farm at Leesburg, Fla., the early part of the week.

L. H. Kyrk has been receiving very large quantities of fine sweet peas. Eddie Bossmeyer at C. E. Critchell's is reported as on the sick list.

Following are the bowling scores and the standing to date:

|                      | 1st | 2nd | Ave. |
|----------------------|-----|-----|------|
| Albert Sunderbruch   | 168 | 211 | 169  |
| Wm. Schumann         | 123 | 158 | 167  |
| C. E. Critchell      | 137 | 158 | 163  |
| Wm. Sunderbruch      | 158 | 164 | 161  |
| Ray Murphy           | 181 | 182 | 160  |
| Al. Hornung          | 151 | 122 | 158  |
| Ed. Schumann         | 176 | 166 | 156  |
| R. C. Witterstaetter | 129 | 180 | 152  |
| F. Fricke            | 149 | 145 | 147  |
| A. Heckman           | 131 | 159 | 151  |
| J. Allen             | 138 | 155 | 145  |
| Thos. Jackson        | 150 | 176 | 139  |
| Wm. Murphy           | 117 | 124 | 125  |
| C. H. Hofmeister     | 149 | 100 | 120  |
| A. H. Hofmeister     | 100 | 103 | 107  |

### 50-lb. case

# Extra Fine SMILAX

**\$2.00 per case**  
**QUALITY GUARANTEED**

When in need of extra good Smilax in any quantity, write or wire

**Henry M. Robinson & Co.**  
MINTER, ALA.

You can rest assured that all orders placed with us will be filled to your entire satisfaction.  
Unknown customers, satisfactory references or C. O. D.

## George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



**Evergreens**  
Fancy and Dagger Ferns, Bronze and Green Galax, Holly, Leucotnoe Sprays, Princess Pine, Etc.

Delivered to all parts of United States and Canada  
127 W. 28th St., bet 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly, on receipt of same.

Give us a trial. We know we can please you.  
**Caldwell the Woodsman Co., Evergreen, Ala.**

## MOSS AND PEAT

Carefully selected fresh stock.

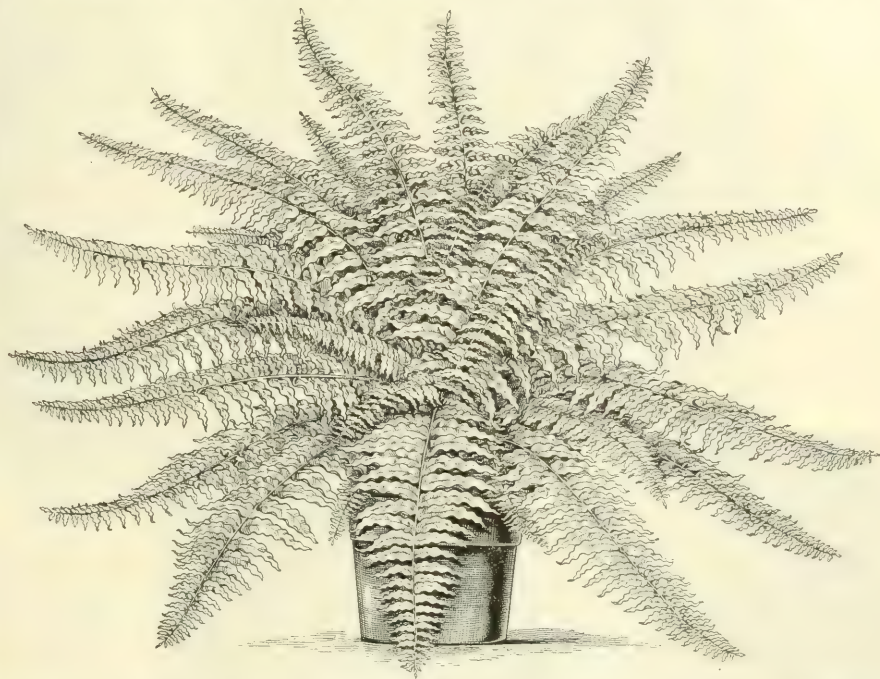
**Sphagnum Moss**, burlapped, no dirt, roots or sticks,  
10 bbl. bales.....\$4.00 per bale  
5 bbl. bales.....2.25 per bale

**Rotated Peat**,.....90c per sack  
"Not how cheap—but how good."

**J. H. SPRAGUE, BarNEGAT, N. J.**

# The Grandest Fern of the Age

## Nephrolepis Roosevelt



**Nephrolepis Roosevelt** is a sport from *Nephrolepis Bostoniensis*, but a wonderful improvement over the parent variety and others of stiff upright growing habit known as *Harrisii* or the *Harrii* type. It is a stronger maker of fronds and young plants than any other variety and will produce a larger finished plant in a 6-inch pot than Boston or *Harrisii* will produce in a larger size.

The finished fronds of **Nephrolepis Roosevelt** are at least a third wider than Boston and have more graceful drooping habit. The pinnae are distinctly undulated giving them a beautiful wavy effect which attracts the eye instantly. Cut flower dealers will find fronds of Roosevelt invaluable for design work. A single plant of Roosevelt grown in a 6-inch pot will when finished almost double the number of fronds produced by Boston or *Harrisii* type varieties and while Boston and *Harrisii* show stiff upright growth in a 6 inch, the wide wavy fronds of **Roosevelt** droop gracefully over the pot, hiding it completely from view. Finished 3-inch plants of **Roosevelt** are equally as large and more attractive than the average well grown 4-inch Boston and growers of *Harrisii* and the *Harrisii* type admit they cannot produce attractive plants of these varieties in pots smaller than 10-inch. Without an exception **Nephrolepis Roosevelt** is the most valuable fern ever offered for florists' use. It has the vitality to withstand more rough treatment than other varieties and does not revert to the parent type. In our long experience we have never offered the trade any plant with greater assurance of entire satisfaction and predict **Nephrolepis Roosevelt** will very soon lead in popular demand, sweeping from the list, Boston, *Harrisii* and *Harrisii* type.

We are booking orders for delivery, June 1, 1911, and will fill them in strict rotation as to the date received. Get yours in early, you will not be disappointed in this fern. 2 1/4-inch pots, 40c each; \$3.50 per dozen; \$25.00 per 100; \$200.00 per 1000; 25 plants at 100 rate; 250 plants at 1000 rate.

**Good & Reese Co.** LARGEST ROSE GROWERS IN THE WORLD.  
SPRINGFIELD, OHIO.



# James Vick's Sons, Largest Growers of High

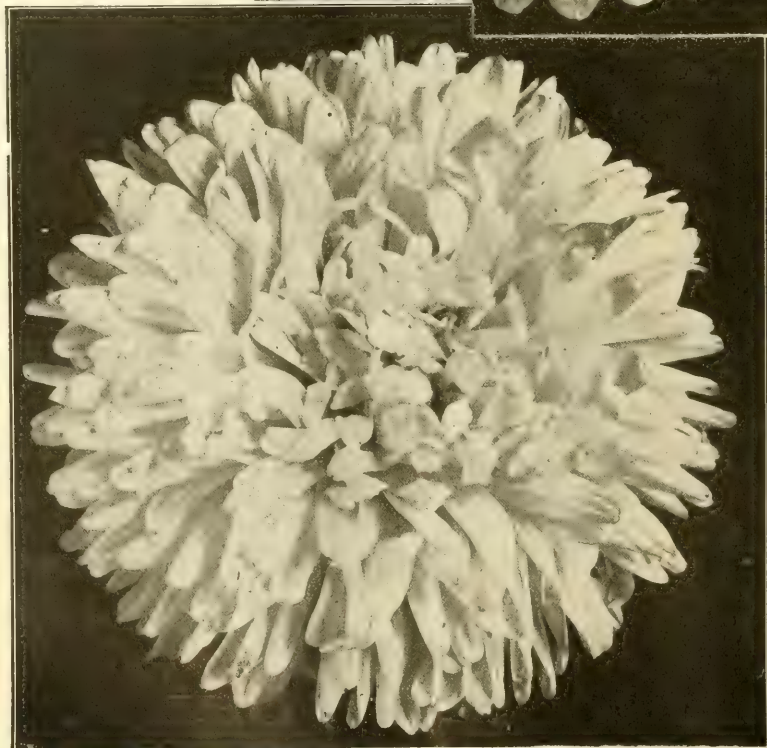
We have grown Asters longer, introduced more varieties, grow larger quantities and sell to more Seedsmen and Florists than any other Aster grower in America.

## Vick's Imperial Rose

This illustrates one of the newest of half a dozen varieties from the same family as Daybreak and Purity. A deep rich rose color. One of the best recent introductions.

### Prices:

|           |        |
|-----------|--------|
| 1-16 oz., | \$0.20 |
| 1-8 oz.,  | .35    |
| 1-4 oz.,  | .65    |
| 1-2 oz.,  | 1.20   |
| 1 oz.,    | 2.00   |



## Vick's Early Upright

Numerous readers of THE AMERICAN FLORIST will recognize this as a popular novelty of last year. Many Florists claim they got more flowers, larger blooms and longer stems than they could grow of other early kinds, because it grows as vigorously and yields as abundantly as many of the late Asters. The flowers are solid, ball shaped and considerably above the average in size. A medium early variety which has been a money maker wherever tried. Two colors, white and lavender pink.

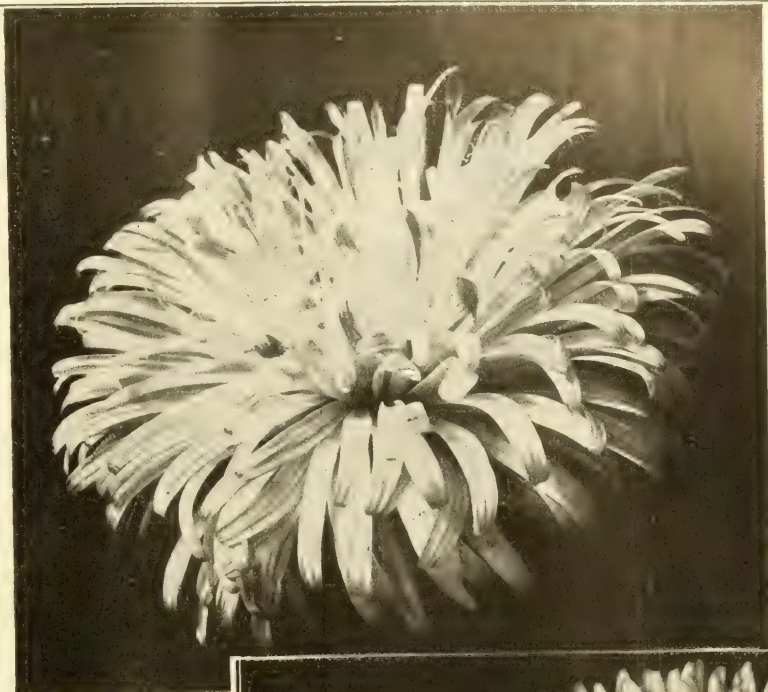
### Prices:

|           |        |
|-----------|--------|
| 1-32 oz., | \$0.25 |
| 1-16 oz., | .40    |
| 1-8 oz.,  | .60    |
| 1-4 oz.,  | 1.00   |
| 1-2 oz.,  | 1.75   |
| 1 oz.,    | 3.00   |

James Vick's Sons,

# Grade Aster Seed in the World, Rochester, N. Y.

**Rochester, New York.**



**Vick's  
Mikado Pink**

## The Rochester

One of the most beautiful Asters ever introduced. Selected by the Chamber of Commerce as the official flower of Rochester, and renamed by us at their request. A mid-season, freely blooming large flowering variety.

### Prices:

|           |        |
|-----------|--------|
| 1-64 oz., | \$0.20 |
| 1-32 oz., | .30    |
| 1-16 oz., | .45    |
| 1-8 oz.,  | .75    |
| 1-4 oz.,  | 1.25   |
| 1-2 oz.,  | 2.25   |
| 1 oz.,    | 4.00   |

**Vick's  
Violet King**

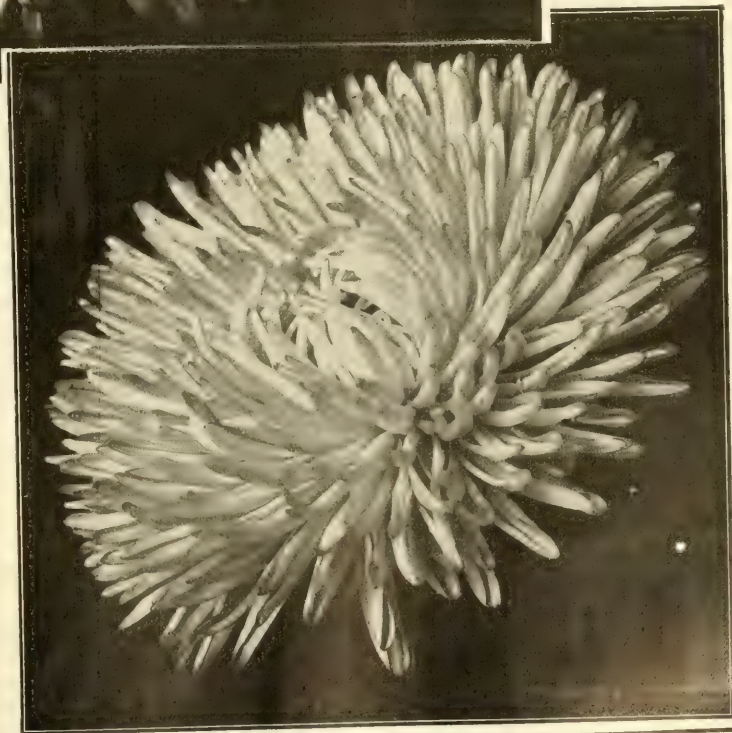
Introduced by us several years ago. Catalogued now by all leading seedsmen. Habit is similar to Vick's Late Branching, vigorous growth with long, stiff stems. Flowers resemble the quilled varieties, but much larger and broader, the inner petals being fantastically twisted, curled and incurved, completely covering the crown.

### Prices:

|           |        |
|-----------|--------|
| 1-16 oz., | \$0.20 |
| 1-8 oz.,  | .30    |
| 1-4 oz.,  | .50    |
| 1-2 oz.,  | .80    |
| 1-oz.,    | 1.50   |

Our "Aster Book for Florists" containing full descriptions of these and all the other leading varieties, will be mailed free to Florists and commercial growers only.

Our booklet "How to grow Asters," price 10c, free with every order of Aster Seed.





---

# THE GREAT National Flower Show

**Mechanics Building,  
Boston, Mass.**

**March 25 to April 1, Inclusive,**

**Under Auspices**

**Society of American Florists**

**In Connection with**

American Rose Society, American Carnation Society,  
National Sweet Pea Society, Gladiolus Society,  
National Association of Gardeners, Gardeners'  
and Florists' Club of Boston and the  
Massachusetts Horticultural Society.

---

**Applications for space in Trade and Competition  
Departments now receivable.**

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Write for complete Premium List for the \$10,000  
in prizes, and diagram of floor space to

**CHESTER I. CAMPBELL, Genl. Mgr.  
5 Park Square, BOSTON, MASS.**

## DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.  
— Deliveries in —

NEW YORK, LONG ISLAND AND NEW JERSEY.  
Mention the American Florist when writing

NEW YORK  
**Malanore Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

Indianapolis, Ind.

**Bertermann Bros. Co.**  
**FLORISTS**

.....241 Massachusetts Ave

Denver, Colo.

**The Park**  
....Floral Co.

J. A. VALENTINE, President.

Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.

St. Louis, Mo.

**Mullanphy Florist.**

Floral Designs

a Specialty

LONG DISTANCE  
Phones: J BELL TYLER 1104  
1 KIN., CENTRAL 4131

Grand Ave. and Palm St.

....Wagon and Automobile Service.

**Washington,**  
**D. C.**

14th and M Street

Also

1001 Madison Ave.

**Baltimore, Md.**

J. DAN BLACKSTONE

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

New York and Washington, D.C.

**J. H. Small & Sons**  
**FLORISTS**  
New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.

New York.

**Hartmann's**  
**Rosary**

2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS,

158 EAST 110TH STREET:

Ret.

el. 5633 Harlem.



Kansas City, Mo.

**WILLIAM L. ROCK**  
**Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Mention the American Florist when writing

Omaha, Neb.

**Hess & Swoboda**

FLORISTS,

1415 Farnum St. 1501 and L 1583

Mention the American Florist when writing

Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dia. Phones

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.

Mention the American Florist when writing



## DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders,

## Young &amp; Nugent

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

## Terre Haute, Ind.

John G. Heintz & Son,  
129 South Seventh St.

Telephone 247.

We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

## Dallas, Texas.

The Texas Seed and  
Floral Company

Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

## Washington, D. C.

GEO. H. COOKE  
FLORIST

Connecticut Avenue and L Street.

## Rochester, N. Y.

J. B. KELLER SONS,  
FLORISTS  
25 Clinton Avenue, N.

Rochester Phone 506. Long Dist. Bell Phone 2189

## St. Paul, Minn.

## L. L. MAY &amp; CO.

Order your flowers for delivery  
in this section from the

## LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

Geo. M. Kellogg  
Flower & Plant Co.

1122 Grand Ave. Will fill all orders for Cut  
flowers, Funeral Designs,  
Wedding and Birthday Gifts  
Pleasant Hill, Mo. that may be entrusted to them

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

## YOUNGS

1406 Olive Street,

Regular discount allowed on all orders, either  
Plants or Cut Flowers.

Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

## JACOB SCHULZ,

550 So. Fourth Avenue.

## Boston, Mass.



## "Penn, The Telegraph Florist"

Telephone us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

## J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET.

## New York.

MYER, FLORIST, 609-611 Madison Ave  
Phone 5297 Plaza

## Nashville, Tenn.

Geny Bros. LEADING  
FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN.

St. Louis.

The Lenten season opened up with  
an increased supply of flowers and  
trade has fallen off considerably. The  
retailers in the downtown districts are  
advertising cheap sales of violets,  
sweet peas and carnations. Bulbous  
stock moves slowly. American Beauty  
roses come in slowly and other roses  
are not over plentiful.

## NOTES.

Andrew Meyer, Jr., city forester,  
will retire in April. The applicants  
for the position are many. The retiring  
officer very strongly endorses Ju-  
lius Koenig, who has been a faithful  
assistant for two years and is capable  
of filling the position.

Will Smith, of the W. C. Smith  
Wholesale Floral Co., will be married  
March 9 to Miss Helen G. West, of  
Edwardsville, Ill. The boys will give  
him a rousing reception on his return  
from his honeymoon.

Geo. Schriever, salesman at C. A.  
Kuehn's, who was recently married,  
was presented with a beautiful cut  
glass water set as a wedding present  
by his friends.

Hugo Gross will have 16,000 feet  
next season devoted to violet culture,  
growing the following varieties: Cy-  
clops, Kaiser Wilhelm, Admiral Avel-  
lan and Boston.

Geo. Waldbart has a fine display of  
azaleas, lilacs, primroses and cut flow-  
ers.

The Mullanphy Flower Co. reports a  
large business in funeral work, the  
boys working day and night.

W. F.

PORTLAND, ORE.—At the 25th annual  
meeting of the Oregon State Horticul-  
tural Society there was one of the  
largest and most successful apple and  
fruit shows ever held in the state,  
there being several carloads on ex-  
hibit. There were three prizes of \$250  
each, one, a sweepstake won by Hood  
River and two offered by the presi-  
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High Grade Cut Blooms.

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Cincinnati—Julius Baer, 138 E. Fourth St.  
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Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

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Telephone Calls: 487 and 488 38th St.

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Will fill your orders for designs and cut flowers in  
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We deliver anywhere in Canada and guarantee  
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**C. C. Pollworth Co.**

Will take proper  
care of your orders in

**Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, June, 1911.

WHITE CLOVER, choice, is another of the very scarce items.

WINTER YETCH has come to stay and is in steady increasing demand from the best farmers.

VISITED CHICAGO: C. W. Scott, of the Yokohama Nursery Co., New York; H. G. Windheim, Omaha, Neb.

CHICAGO.—Prices on the board of trade March 8 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

MANY growers have supposed that the term "Formosum" referred to a district type of Japanese lily but this season's experience causes one grower to call it the "Heinz" lily.

SOME Nebraskans seem very anxious to put over a drastic seed law in that state regardless of the rights of the seedsmen and placing little or no responsibility on the farmer seed grower.

BON VOYAGE.—A. W. Annandale, of the Steele, Briggs Seed Co., Toronto, Ont., and C. W. Scott, of the Yokohama Nursery Co., New York, are planning a European trip, sailing from Montreal about June 1.

ONION SET sprouting has entailed picking to such an extent, with consequent shrinkage, that prices of choice stock are advancing, quotations at Chicago this week being as follows: Reds and Yellows about 80 cents and Whites \$1.25.

THE American Seed Trade Association has decided not to hold its annual convention in Milwaukee. On account of another large convention being held there, accommodations could not be obtained. The selection of the place of meeting will be announced as soon as the decision is made.

WASHINGTON, D. C.—F. W. Bolignano & Co. report that trade is better than in previous years. Bad weather has prevented a great rush but everybody seems to have all the business they can handle. Onion sets are moving and peas are almost entirely sold out. Sales of clover seed are slow.—F. Mann & Co., who have an extensive

trade in Maryland and Virginia, report largely increased sales of vegetables and flower seeds. Their implement trade is also improving.—A. F. F.

NEW YORK.—Business continues to increase steadily and all hands are busy. Within the last few days counter trade has received quite an impetus through the coming of milder weather.—J. B. McArdle and Miss May Concanon, both of Vaughan's Seed Store staff, are to be married on Sunday, March 12, the ceremony to be in St. John's Church, Brooklyn. Mr. McArdle has made a wide circle of friends during his six years service for the firm and all wish good luck to him and his bride.—C. W. Scott, of the Yokohama Nursery Co., returned from the west March 7 and A. Kakuda, representing the same house, is in Boston.

Adolph Goldenburg, of the R. M. Ward & Co.'s force, has just returned from an extended trip through Texas, Louisiana and other southern states.—Visitor: J. C. Vaughan, Chicago.

### Canadian Seed Growers' Association.

At the annual convention of the Canadian Seed Growers' Association, held at Ottawa, February 16 and 17, the following officers were re-elected:

Dr. Jas. W. Robertson, Ottawa, Ont., president.

L. H. Newman, Canadian building, Ottawa, Ont., secretary-treasurer.

Vice-presidents: Prof. C. A. Zavitz, Guelph; G. A. Gigeault, Quebec; John Mooney, Regina, Sask.

Executive Council: Prof. M. Cummings, Truro, N. S.; Prof. John Bracken, Saskatoon; Dr. J. W. Robertson, Ottawa; Prof. C. A. Zavitz, Guelph; G. A. Gigeault, Prof. L. S. Klineck, MacDonald College, Que.

Directors: C. C. James, Deputy Minister of Agriculture, British Columbia; W. W. H. Hubbard, Deputy Minister of Agriculture, New Brunswick; W. Thompson, London, Ont.; the Hon. W. R. Motherwell, Minister of Agriculture, Regina; J. O. Duke, Olinda, Ont.; Prof. M. Cummings, Truro, N. S.; Prof. W. J. Black, Winnipeg; Theo. Ross, Charlottetown, P. E. I.; George Bathe, Winnipeg; Prof. C. A. Zavitz, Prof. F. P. Archibald, Truro, N. S.; J. W. Wheaton, Toronto; Prof. L. S. Klineck, D. Innes, Tobique River, N. S.; George Harcourt, Deputy Minister of Agriculture, Edmonton, Alta.; T. S. Waugh, North Bedouque, P. E. I.; G. A. Gigeault, John Mooney, Jno. Bracken, Saskatoon, Sask.

### Imports.

During the week ending February 4, imports were received at New York as follows:

Peter Henderson Co., 214 bags seed. H. Frank Darrow, 166 packages seed, 59 cases plants, 26 cases apple seedlings.

A. T. Boddington, 59 bags and one case seed, five cases plant wash.

McHutchison & Co., 58 cases plants. Weeber & Don, 32 bags seed.

J. M. Thorburn & Co., nine bags seed, seven packages mushroom spawn. Vaughan's Seed Store, six cases mushroom spawn.

Wm. Elliott & Sons, five cases plants. Stump & Walter Co., one barrel seed.

F. R. Pierson Co., one case seed.

To others: 1,831 bags, 965 double bags, 612 packages, 103 barrels, one case and one box seed, 173 cases and 61 boxes plants, 56 cases lily of the valley pips, 24 cases and 11 packages trees.

### Catalogues Received.

W. Atlee Burpee & Co., Philadelphia, Pa., seeds; Aggeler & Musser Seed Co., Los Angeles, Calif., seeds; Germain Seed & Plant Co., Los Angeles, Calif., seeds and plants; Elmer D. Smith & Co., Adrian, Mich., chrysanthemums and asters; Leedle Floral Co., Springfield, O., wholesale list of roses; Conard & Jones Co., West Grove, Pa., roses, plants, seeds, etc.; A. N. Pierson, Cromwell, Conn., wholesale trade list of roses, chrysanthemums, carnations, etc.; Henry F. Michell Co., Philadelphia, Pa., seeds and wholesale list of seeds; Iowa Seed Co., Des Moines, Ia., seeds; Peter Henderson & Co., New York, everything for the garden; Barteldes Seed Co., Lawrence, Kans., seeds; Barteldes Seed Co., Denver, Colo., seeds; Geo. R. Pedrick & Son, Pedricktown, N. J., surplus list of seeds for the trade; J. J. H. Gregory & Son, Marblehead, Mass., seeds; McHutchison & Co., New York, bay trees; Cole's Seed Store, Pella, Ia., seeds; East Bridgewater Dahlia Gardens, East Bridgewater, Mass., wholesale list of dahlias; J. Roscoe Fuller & Co., Floral Park, N. Y., seeds, plants, bulbs, etc.; Pomona Nurseries, Palmyra, N. J., nursery stock; Fremont Nurseries, Fremont, Neb., wholesale trade list of nursery stock; W. E. Marshall & Co., New York, seeds; Wm. Rennie Co., Ltd., Winnipeg, Man., seeds; Dobbie & Co., Edinburgh, Scotland, seeds, etc.; Henry Eckford, Wem, Shropshire, England, seeds; G. Overdeest & Sons, Wassenaar, Holland, wholesale list of bulbs.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE,

CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.



## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.

**GREGORY'S SEEDS**

90 cents worth for  
25 cents in coin

1 pkg. Aster, Gregory's Special Fancy Mixture, . . . 10c.  
1 pkg. Pansy, Gregory's Special Fancy Mixture, . . . 15c.  
1 pkg. Cereopsis, Gregory's Special Fancy Mixture, . . . 95c.  
1 pkg. Poppy, Gregory's Fancy Double Mixed Annuals, 10c.  
1 pkg. Mignonette, Gregory's Large Flowering, 10c. 10c. 10c.  
1 pkg. Bachelor Button, Gregory's Finest Mixture, 10c.  
1 pkg. Petunia, Gregory's Finest Hybrid Mixture, . . . 15c.  
1 pkg. Candytuft, Gregory's Finest Mixed, . . . 95c.  
1 pkg. Nasturtium Dwarf, Finest Mixed, . . . 95c.  
1 pkg. Sweet Peas, Extra Choice Mixed, . . . 95c.



J. J. H. GREGORY & SON, 149 Elm St., MARLBOROUGH, MASS.

**The Everett B. Clark Seed Co.**

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.

Branches: Michigan **MILFORD, CONN.**  
and Wisconsin.

**John Bodger & Sons Co.**

Los Angeles, California

Wholesale growers of Sweet Peas,  
Tomatoes, Lima Beans, Lettuce, Asters,  
Cosmos and other Flower Seeds.

**BURNETT BROS.**

Importers and Growers of

**Seeds, Bulbs, Plants**  
and Horticultural Sundries.

Telephone 2223 Cortlandt.  
72 Cortlandt Street, **NEW YORK**  
Write for our 1911 Spring Catalogue.

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**SEEDS**

OF ALL KINDS APPLY TO  
**W. W. JOHNSON & SON, Limited,**  
Boston, England.

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**Danish Seeds**

If you take interest in Cabbage, Cauli-  
flower, Carrot, Mangel, Swede and Turn-  
ip, please apply to

**CHR. OLSEN, Odense, Denmark**

Wholesale Seed Grower (Established 1862), in order  
to have your name placed on my mailing list.

—CHOICE GERMAN—

**FLOWER SEEDS**

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

**FREDERICK ROEMER,**

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Mention the American Florist when writing

**Henry Fish Seed Co.**  
**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
**PEDRICKTOWN, N. J.**

**Waldo Rohnert**

**GILROY, CAL.**

**Wholesale Seed Grower,**

Specialties: Lettuce Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

**S. M. Isbell & Co.,**

**Jackson, Mich.**

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

**Florists and Seedsmen, Scratch or Poultry Food**

Sell Your Own  
We will make it for you under your own brand  
for \$28.00 per ton. Seed today for sample 100 lb.  
bag \$1.50. Mr. C. E. Jensen of Atlantic City,  
N.J., on Oct. 27th 1910, writes as follows: "I want  
to state that your three grades of Poultry Food—  
Chick Starter, Developing Food and 'Square  
Deal' Scratch or Poultry Food—stands without  
an equal today. They are perfect mixtures and  
sound in grain and a pleasure to handle."  
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(Established in 1892 years) **Baltimore, Md.**

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37 East 19 St., **New York**  
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Telephone 4235 Gramercy.



**H. WREDE,**

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**PANSY SEED**

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles,  
1000 seeds, finest mixed... 25c  
1 oz. . . \$2.25

Price list on application. Cash with order

**Sioux City Seed & Nursery Co.**

**Sioux City, Iowa.**

Contracting growers of Peas, Beans and  
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**ROUTZAHN SEED CO.**

**Ar oyo Grande, Cal.**

**Sweet Pea and Nasturtium Specialists**

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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**Am. Seed Trade Association**  
—\$2.00—

In either stiff or flexible cover. Address orders  
**AMERICAN FLORIST CO., CHICAGO.**

**Lily of the Valley**

**From Ice Storage**  
Premium, select..... Per 1000  
Premium..... \$13 50  
International..... 12 00  
..... 10 00

**Lily Bulb**

**Giganteum**

No. in case Per 100  
7 to 9 inches..... 400 \$5 50  
9 to 10 inches..... 200 9 75

**Auratum**

No. in case Per 100  
8 to 9 inches..... 180 \$ 5 50  
9 to 11 inches..... 120 8 50  
11 to 12 inches..... 70 14 00

**Speciosum Rubrum**

No. in case Per 100  
8 to 9 inches..... 160 \$ 4 75  
9 to 11 inches..... 120 8 00  
11 to 12 inches..... 90 13 00

**Speciosum Album**

No. in case Per 100  
8 to 9 inches..... 160 \$ 7 50  
9 to 11 inches..... 120 10 00

**TUBEROUS BEGONIAS**

Per 100  
Single { Scarlet..... \$2 50  
White..... 2 50  
Pink..... 2 50  
Yellow..... 2 50  
Doubles, colors as above..... 4 50

**TUBEROSES**

Per 1000  
Dwarf Pearl, 1st size..... \$9 00

**GLADIOLUS**

Per 100  
Princes..... \$11 00  
Mrs. Francis King, 1st..... 2 65 \$23 00  
2nd..... 2 25 18 00  
Augusta, 2nd size..... 1 75 13 00  
America, 1st size..... 3 75 33 00  
2nd size..... 3 25 27 00

**Vaughan's Seed Store,**  
**CHICAGO. NEW YORK.**

Mention the American Florist when writing

THE

**J. C. Robinson Seed Co.**

**Waterloo, Neb.**

Contract growers of Cucumber, Canta-  
loupe, Watermelon, Squash and Pumpkin  
Seed; Sugar Flint and Field Seed Corns  
Mention the American Florist when writing



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**Bloomersdale Farm. Bristol, Pa.**

**SEEDS** Best that grow. We sell di-  
rect to growers and florists  
at wholesale. Rise beautiful  
catalogue free. Write today  
**ARCHIAS' SEED STORE, Box 52, Sedalia, Mo**



## NEW RED DAHLIA MRS. MINNA BURGLE.

A cross between Joe Thomson and Clown, originated by Mr. J. Burgle of Fruitvale, Calif., and named after his wife Mrs. Minna Burgle, is the best Red Decorative Dahlia ever produced and will precede every other red variety now grown for cut flowers here or abroad and will draw your attention instantly when planted in a collection of dahlias; one of the most showy flowers ever created.

True decorative, bright scarlet showing a darker shading in center, bold, erect flowers 6 to 8 inches in diameter with excellent stem; foliage remarkable substance; height 5 to 6 feet; good keeper and will not burn in hot weather and more freely blooming than either parent. This variety has been tested by me for three years, and has shown no weak points. A vase of 50 blooms shown by me and a basket of Mrs. Minna Burgle Dahlias exhibited by Sievers Floral Co., of San Francisco, both received first prize in the Fall Flower Show in San Francisco and caused more comment among gardeners and visitors than any other exhibit. Cut flowers sold for the first time last year brought 50 per cent more than any other variety of dahlias, including Joe Thomson.

Strong tubers, \$1.00 each; \$9.00 per dozen.

**PAUL H. ECKELMANN,** San Rafael, Calif.

Detroit.

AVERTING A GLUT.

The pre-Lenten season was marked by many special events calling for great quantities of flowers. This demand, together with the call for flowers for funerals, kept the question of supply and demand of little importance. This condition prevailed until the last of the week when the reaction began to be apparent. Heavy consignments of bulbous stock with increased supplies of carnations and roses were the sign posts of the fast approaching spring days with the anticipated dullness of the Lenten season. The threatened glut, however, was happily arrested by the timely action of two retailers who extensively advertised bargains in flowers for Saturday. This move required the use of thousands of blooms that were sold at low prices, which, however, yielded surprising results to the growers who looked for a total loss on much of the product thus disposed of. If more of the retailers would adopt this scheme of popularizing flowers there would never be a glut and the total product of the growers would pass through the hands of legitimate florists to the final consumers and the street fakirs would not, as they do now, alone enjoy the benefits of the unavoidable heavy crops periodically.

CLUB MEETING.

The club meeting, March 6, was well attended, the chief attraction being an address by Philip Breitmeyer, the club's first president, on his observations in Cuba, where he visited during the whole of last month. Ferd Kolbe's address on "Carnations," scheduled for this meeting, was deferred till the next meeting, March 20. Mr. Breitmeyer said that he found only one florist on the whole island and he dealt only in plants, cut flowers being an unknown feature of his trade. He observed many fine specimens of trees indigenous to that country but found floriculture, strictly speaking, woefully deficient, with no prospects for its development as we have it. Some laurel trees were found sixty feet high. In the cemeteries great numbers of metal and porcelain emblems were seen, embracing the usual designs common to our use for funerals. Bougainvillea grows luxuriantly and is used for the adornment of many of the parks, and other public buildings, almost completely covering them. Hibiscus, too, were numerous and attain great size in that country, where the climate seems so congenial to them. In nearly every home of any preten-

# To Seedsmen and Florists



## Tuberoses Bulbs

Medium 3-4, \$ 5.00

Mammoth 6-8, 15.00



## Gladioli

Mrs. Francis King  
America  
Princeps  
Augusta



## Caladiums

All sizes



## Lilies

All kinds

All sizes



## Cannas

Grown by us, True



## Quotation and Samples

Will pay you. Write now

CHICAGO **Vaughan's Seed Store,** NEW YORK

# Dreer's Snowball Double White Petunia

A splendid variety for summer cutting, and one of the most profitable summer cut flowers you can grow.

Strong 8-inch pots, which will furnish an abundance of cuttings between this and planting out time, 76c per dozen; \$6.00 per 100.

SEED OF OUR

## Superb Strain of Fringed Petunias

Choice Double Mixed..... 75c per 500 seeds; \$1.50 per 1000 seeds  
Choice Single Mixed..... 60c per trade pkt.; \$1.00 per 1-16 oz.; \$1.50 per 1/4 oz.

THE ABOVE PRICES FOR THE TRADE ONLY.

For a complete line of Seasonable Plants, Bulbs, Seeds, etc., see our Current Quarterly Wholesale Price List.

**HENRY A. DREER,** — 714 — Chestnut Street, Philadelphia, Pa.

## GLADIOLUS

Cinnamon Vines, Madeira Vines,  
Lilies, Iris, Daphne Cneorum, Syringa  
Japonica and Wistarias.

Write for price list

**E. S. MILLER,** Wading River, N.Y.

sions whatever could be seen plants, not native grown but evidently obtained from the States. The climate is very warm though the nights are comfortably cool. Havana is fast becoming Americanized and many roads of Cuba are better constructed and maintained than ours. The ex-mayor's address was most interesting and occupied the greatest part of the time given to the meeting. A vote of thanks was given him. A. Colwyn, Voorhout, Holland, was a visitor and entertained the members with a talk on the bulb industry of his country and its novel topographical features. Robt. Jean,

who succeeds to the business of E. A. Scribner, retired, was admitted into membership. The closing time of the club was given over to the entertainment committee, which provided refreshments generously. J. F. S.

# CARNATIONS

## White House

The Quality White. Won the Silver Cup at Morris-town for best undisseeded variety; Bronze Medal at Pittsburg, and five other certificates. Absolutely non-bursting, clean and kind in growth, and a variety that will make good. We have 10,000 for March delivery, and that is all we will be able to supply.

## Princess Charming

The finest thing in sight in the Enchantress shade of pink. Every bud a perfect flower, and your net returns per square foot will surprise you.

Our stock is limited, but we are still in a position to supply first-class rooted cuttings of this variety at \$12.00 per 100; \$100.00 per 1000.

## CHRYSANTHEMUMS

We catalogue over 500 varieties, and surely we have the kind you want.

CHAS. H. TOTTY,

MADISON, N. J.

## CHRYSANTHEMUMS

Strong rooted cuttings for immediate orders.

### WHITE

|                 | Each   |
|-----------------|--------|
| May Foster      | \$0.02 |
| Early Snow      | .03    |
| Timothy Eaton   | .02    |
| Mrs. Clay Frick | .03    |
| Oroha           | .06    |
| Kandee          | .06    |

### YELLOW

|                   |     |
|-------------------|-----|
| Golden Glow       | .02 |
| Col. D. Appleton  | .02 |
| Major Bonington   | .02 |
| Mrs. W. E. Kelley | .04 |
| Mrs. H. Stevens   | .06 |
| R. F. Felton      | .06 |

### PINK

|                 |     |
|-----------------|-----|
| Marion Newell   | .03 |
| Pacific Supreme | .02 |
| Wm. Duckham     | .03 |

### BRIGHT ROSY RED

|           |     |
|-----------|-----|
| Wm. Mease | .05 |
|-----------|-----|

## VAUGHAN'S SEED STORE,

84-86 Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK

Greenhouses, Trial Grounds and Nurseries:  
Western Springs Ill.

## SEASONABLE STOCK

Ask for our list of Blooming Plants for immediate use.

- .. .. . Easter Plants
- .. .. . Soft Wooded Plants.
- .. .. . Cannas.
- .. .. . Carnations.
- .. .. . Roses.
- .. .. . Chrysanthemums.
- .. .. . Decorative Plants.
- .. .. . Ferns.

This week we shall offer our whole stock of Whitman Ferns at same price as Boston, to make room. We need the space and money.

— Write —

GEO. A. KUHLE,

Wholesale Grower.

PEKIN, ILL.

## FUCHSIAS

Little Beauty, Lord Byron, Tenner | Strong 2½ in.  
White Beauty, E. Reman. | \$4.00 per 100.



Skidelsky & Irwin Co.

1215 Betz Bldg., Philadelphia, Pa.

Send for our new catalogue.

IF YOU SAW IT IN

## THE FLORIST

SAY SO IN YOUR NEXT ORDER.

## Geraniums

|                                              | Per 100 |
|----------------------------------------------|---------|
| S. A. Nutt and 6 other vars., 2½ in. pots.   | \$3.00  |
| 3 in. pots April 1                           | 4.00    |
| Asp. Plumous, April 1                        | 2.00    |
| Sprenger, April 1                            | 2.00    |
| 10 vars. Cannas, April 1                     | 4.00    |
| King Humbert, 3½ in. pots                    | 6.00    |
| Alternantheras, red and yellow, 2½ in. pots. | 2.00    |
| April 10                                     | 2.00    |

Please, Cash.

JOS. H. CUNNINGHAM, Delaware, O.

## Coleus

|                                | Per 100 |
|--------------------------------|---------|
| 10 varieties, 2 in. pots       | \$2.00  |
| Vinca Var., 2½ in. pots        | 2.50    |
| Verbenas, April 1              | 1.50    |
| Plumous Seedlings, April 1     | 1.50    |
| Sorenger Seedlings, April 1    | 1.05    |
| Fansy Plants, April 1          | 1.50    |
| Silvias, 2 in. pots, April 1   | 2.50    |
| Petunia Seedlings, Double Seed | 2.50    |

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2½ in. pots: Place your orders early so as to secure early delivery. We would also be pleased to fill your order for Aster Seed as we have one of the finest strains known as well as a good list of the standard kinds.

ELMER D. SMITH & CO.,

Adrian, Mich.

## QUALITY PLANTS

|                                    | Per 100          |
|------------------------------------|------------------|
| 2½-inch Boston, Whitman and Scotti | \$ 3.50          |
| 3-inch                             | 8.00             |
| 4-inch Boston and Scotti           | 15.00            |
| 4-inch Whitman                     | 12.50            |
| 5-inch Boston and Whitman          | 20.00            |
| Asparagus Plumous, 2-inch          | 2.50             |
| 3-inch                             | 5.00             |
| 4-inch                             | 10.00            |
| Asparagus Sprenger, 4-inch         | 7.00             |
|                                    | Per 100 Per 1000 |

Vinca Variegata, out of 2-inch pots.

(These are divisions from field-grown stocks and will make fine plants.)

Shasta Daisy Alaska, 2-inch.....\$2.00

Salvia Splendens, 2-inch.....1.50 12.50

Coleus, Golden Bedder, Verschaf-

telitti and others.....1.50 12.50

— Cash, please. —

## THE REESER PLANT COMPANY

Successor to

Reeser & Youngstrand, Springfield, Ohio

Mention the American Florist when writing

## Shamrocks

in 2-in. pots

Shipped in boxes of 24 plants.

Send for price list.

## WELCH BROS.

226 Devonshire St., BOSTON, MASS.

## — CARNATION —

## Rooted Cuttings

On Liberal Terms.

| Name               | Color      | CO     | 1000    |
|--------------------|------------|--------|---------|
| Dorothy Gordon,    | Deep pink  | \$5.00 | 40      |
| Sara Nicholson,    | Dark red   | 4.00   | \$35.20 |
| Meason,            | Dark       | 3.00   | 25.00   |
| Victory,           | Red        | 3.00   | 25.00   |
| Winona,            | Deep pink  | 3.00   | 25.00   |
| Rose Enchantress,  | Deep pink  | 3.00   | 25.00   |
| Winsor,            | Deep pink  | 3.00   | 25.00   |
| Enchantress,       | Light pink | 3.00   | 25.00   |
| May Day,           | Light pink | 3.00   | 25.00   |
| White Perfection,  | White      | 3.00   | 25.00   |
| White Enchantress, | White      | 3.00   | 25.00   |
| Lady Bountiful,    | White      | 3.00   | 25.00   |
| Bon Ami,           | White      | 3.00   | 25.00   |

Sara Nicholson produced more good blooms than any Dark Red Carnation we have ever seen.

Wanted—Customers for regular shipments of first-class Carnation blooms, Lilies, Lily of the Valley, and various kinds of flowering plants. We supply retail trade at wholesale prices and save you the commission's profit.

We will extend liberal credit to parties of good standing.

Send us your orders early.

SHEPARD'S GARDEN CARNATION CO.,

292 Fairmount St., LOWELL, MASS.

Mention the American Florist when writing

**Cannas** David Harum, Egandale Chas. Henderson, Duke of Marlborough King Humbert. True to name. Write for prices.

Dracacna Indivisa, 3-in.....\$5.00 per 100

Extra strong Boston and Whitman Ferns, 4 in. \$2.03 per dozen.

W. W. COLES, Kokomo, Ind.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
R. S. W. Severance, 503 Union St.,  
Building, Louisville, Ky., Secretary; M. L.  
Rutenik, Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, March 4.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 25 cents per pound; radishes, 60 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 25 cents per quart.

Chicago, March 6.—Mushrooms, 20 cents per pound; cucumbers, \$1.50 to \$1.75 per box, small; lettuce, 25 cents per pound; radishes, 10 cents to 45 cents per dozen bunches; rhubarb, 25 cents to 50 cents per dozen bunches.

### Notes on Cucumbers.

The system of training should be decided upon before starting the plants for the spring crop. It takes a good many more plants to set a house for the single stem system than if trained on trellises and allowed to grow at will. There is considerable difference of opinion in regard to the merits of each method. However, if one is a little acquainted with the business, the matter is often one of labor. It takes a good deal of attention to keep the single stem plants in shape; so much so that good growers hold the opinion that in the long run the results are about the same. In other words, while the single stem method does produce an increased crop, the cost of labor often offsets such increase. We do not like to plant cucumbers among lettuce for various reasons, hence we adopt the single stem system because we can catch a little time, as by planting closer our crop comes in sooner than the other way. The last crop of lettuce is often our most profitable, but our cukes get a late start. They make up for any apparent loss of time, as plants started in brisk heat and kept going will outstrip those started early and crowded in among a heavy crop of lettuce, excessive moisture and in a low temperature. One thing at a time is often a good motto.

MARKETMAN.

### Montreal.

#### BULBIOUS STOCK SELLING WELL.

Trade is good, although there is a scarcity of roses and carnations, but a tremendous business is being done in bulbous stock, both in pots and out. The old cry "There is no money in bulbs" is forgotten and money is actually reaped from the despised bulbs, especially during the time when the Dutchman calls around for his orders. Roses are still very scarce and of poor quality, but carnations are better but still short in quantity. Sweet peas and violets are quite plentiful and help to give variety. Easter plants are in preparation everywhere. Lilies are a very unreliable lot and it will take a lot of shifting around to get them in all together at Easter time. Hydrangeas are well budded and should be easily managed by the middle of April. Pot roses are making nice breaks and apparently will be well budded. Spireas, with some growers, are a failure, refusing to break, and again with others

are first class, coming from the same source, the fault seems to be with the grower.

### NOTES.

The Gardeners' and Florists' Club held a Ladies' night February 20, which was pronounced so successful that it will be repeated before long. A party of members visited the Forest and Stream Club at Dorval, Tom McHugh, the head gardener, was found right on the spot. The greenhouses were a beautiful sight to behold, every plant a perfect specimen, and in the grouping of colors rare taste was shown. Jos. Bennett's was also visited. Joe is selling his stock as fast as it grows. Here were seen the finest violets in the country. A large variety of Easter plants are in preparation. Roses were off crop.

If anybody wants to see perfect carnations, go and see Hall and Robinson's and be convinced. Their Easter plants are coming along finely. Roses are off crop at present.

P. McKenna & Son will build a house of something like 40x200 feet for general plants.

LUCK.

### Syracuse, N. Y.

A monster floral feature was a part of a general movement, March 4, to lift the \$160,000 indebtedness of the Hospital of the Good Shepherd. Twenty-five thousand carnations were provided and by night the man without a flower on his coat lapel, was scarce. From morning until evening attractive girls were ready with a smile and a carnation to exchange for any sum tendered and the effort added several thousand dollars to the hospital fund.

The Syracuse Rose Society has decided to petition the Park Commission to set aside one of the city parks for rose culture, similar to the Boston rose garden. The first exhibition of roses under the auspices of the society was held in the Hiawatha room of The Onondaga. More than 300 roses were displayed and at the close were sold at auction, netting \$30 for the Hospital Fund. The exhibitors included P. R. Quinlan, W. E. Day & Co., Syracuse, and A. N. Pierson Co., Croton, Conn. During the evening W. C. Barry, of the firm of Ellwanger & Barry, Rochester, delivered an address on "How to Grow Hardy Roses." He said that the cultivation of roses by a business man for pleasure, afforded useful and healthful exercise. School teachers should encourage rose culture and by doing so would produce a race of nature lovers. He advised the purchase of 2-year-old bushes, rich

fertilizers and that the bushes be set far apart. Varieties could be so planted that one could have roses in his yard all summer. Bushes should be cut back severely in the spring, and in the fall bent down and fully covered with dirt. New roses produced within the last five years are hardier, superior in color and texture and easier for the amateur to cultivate. Eighteen new members were elected. A carnation meeting will be held March 14, and a floral show at the State Armory in June.

A. V. B.

### Cleveland Notes.

Frank A. Friedley, manager of the Gasser Co., entertained a party at his home, February 26, and proved that he not only was a good grower of flowers, but also raised fine poultry which the women folks cooked admirably, and everybody enjoyed the feast. A trip through the greenhouses found the roses, carnations and pot plants in a fine healthy condition. Anyone looking for system should visit the Gasser Greenhouses, for here there is a place for everything and everything in its place. The party consisted of C. Gerdum, C. Russell, H. James, G. Bates, H. Bates, Geo. Bates, F. W. Gartman, Bert Parks, J. Kirchner, C. Kirchner, F. Knobel, G. Schaub, A. Barber, C. Schmitt, W. Kruzen, T. Smith and A. Miller.

The Florists' Club held a meeting February 29, there being about 35 members present. Advertising so that it will benefit the florist business was discussed, and many suggestions offered. A special meeting will be called to take up the matter. A. Miller, of Skidmore and Irwin, Philadelphia, addressed the meeting, advising a literary programme at each meeting on some subject connected with the trade.

A. M.



Watch for our Trade Mark on every brick of Lambert's

### Pure Culture Mushroom Spaw

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated box, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address Trade Mark. American Spaw Co., St. Paul, Minn.



ENGLISH, Best quality, arriving constantly. Spawns in 10 days. 25 lbs. ..... \$2.00  
selected specimens 1 100 lbs. .... 6.50  
AMERICAN. Our monthly shipments from the manufacturer include all the varieties.  
Garden City 25 bricks ..... \$ 3.50  
Pure Culture 1 100 bricks ..... 12.00

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## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting contract figures for the 1911 crop of Onion Seed.

Schilder Bros., Chillicothe, O.

### TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Beggins, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES, (mixed),** the most perfect and most beautiful in the world. \$5.00 per oz., \$1.50 per 1/4 oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# A. N. PIERSON, Inc., Cromwell, Conn.

## ROSES

If you are in the market for Rose Stock, and are looking for the best that can be produced, we are ready to serve you.

### DOUBLE PINK KILLARNEY

Grafted plants only. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### DARK PINK KILLARNEY

Grafted plants only. 40c each; \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

### LADY CROMWELL

Grafted plants only. 75c each; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### MRS. AARON WARD

Grafted stock: 40c each; \$4.00 per dozen; \$25.00 per 100; \$200.00 per 1000.

Own root stock: 25c each; \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.

### PRINCE DE BULGARIE

Grafted stock: 2 1/4-inch pots. \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

Own root stock: 2 1/2-inch pots, \$2.50 per dozen; \$15.00 per 100; \$120.00 per 1000.

### MELODY

Own root plants. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### RADIANCE

Grafted stock: \$18.00 per 100; \$150.00 per 1000.  
Own root stock: \$10.00 per 100; \$90.00 per 1000.

### Grafted Roses of Standard Varieties

|                                  |                  |             |
|----------------------------------|------------------|-------------|
| Killarney,                       | Golden Gate,     | Bride,      |
| Richmond,                        | My Maryland,     | Bon Silene, |
| White Killarney,                 | Kaiserin Augusta | Ivory,      |
| Bridesmaid,                      | Victoria,        | Uncle John, |
| And Other Varieties for Forcing. |                  |             |

Selected plants for March delivery. Grafted: \$15.00 per 100; \$120.00 per 1000. A special price quoted on 5,000 or more plants.

### Roses on Their Own Roots

|                  |                    |          |
|------------------|--------------------|----------|
| Killarney.       | Richmond,          | Sunrise, |
| White Killarney, | Perle Des Jardins, |          |
| Kaiserin Augusta | Victoria.          |          |

From 2 1/2-in. pots, \$6.00 per 100; 50.00 per 1000.

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909.

It is a pure bright dark pink of even shade, size 3 1/2 inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5000, \$400.00. 25 at \$10.25 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

## Asparagus Plumosus Nanus

### GREENHOUSE GROWN SEED

#### DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

A. HENDERSON & CO.,  
51 Wabash Ave., CHICAGO.

## JOSEPH HEACOCK CO.

WYNCOTE, PA.

## Growers of Fine Kentias

Send for Price List.

## The Trade Directory

Florists, Seedsmen and Nurserymen of the United States and Canada.

Price: \$3.00, postpaid

American Florist Co.  
324 Dearborn St., CHICAGO

## Don't Forget, in the Rush

That You'll Need Stock Later on.  
For example, there's your

### Manetti

For winter grafting. We offer English at \$12.00 the thousand; French at \$10.00. Both good; 3 to 5 millimeters; smooth; evenly graded, disbudded, well-rooted stocks, especially selected for florists' grafting.

### Lily of the Valley

Reimschneider's Exposition, \$14.00 the thousand (1,700 to the case).

Perfection, \$12.00 the thousand (2,000 to the case).

Holsatia, for storage and later forcing, \$11.00 the thousand (3,000 to the case).

Write and make known your wants. We are Growers for the Trade, and sell only to the Trade. Use printed stationery.

## JACKSON & PERKINS CO.

Wholesale Florists and Nurserymen,

NEWARK (Near Rochester), NEW YORK

Mention the American Florist when writing

## Boston Ferns...

2 1/2-in. \$30.00 per 1000

### WHITMAN FERN

2 1/2-in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.

Magnifica, 2 1/2-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.  
Mention the American Florist when writing

## Shamrocks 2-inch, \$5.00 per 100.

Ferns for Dishes Per 100 Per 1000  
2 1/4-in. .... \$3.50 \$30.00  
500 at 1000 rates. Cash with order.

### FRANK OECHSLIN,

4911 Quincy St., CHICAGO  
Mention the American Florist when writing



## The Nursery Trade

American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;

E. S. Welch, Shegadah, Ia., Vice Presi-

dent; John Hall Rochester, N. Y., Sec'y.

Thirty-sixth annual convention to be held at St. Louis, Mo., June 14-16, 1911.

NORWICH, CONN.—Edward P. Clark will on March 1, assume the management of the nurseries of O. E. Ryther on West Main street.

NEW HAVEN, CONN.—The Kopf Nursery and Realty Co. have been incorporated with a capital stock of \$70,000, and the following officers: Henry B. Kopf, president; Matthew H. Laity, secretary, and William Dickerman, treasurer.

GREENVILLE, S. C.—The Greenville Nursery Co. has been organized and chartered with a capital stock of \$10,000. The following officers were elected: J. H. O'Neal, president; W. S. Bradley, vice-president; J. B. Bruce, treasurer; J. J. McSwain, secretary; W. P. Wilson, general manager.

### American Peony Society.

A meeting of the committee to arrange for the next exhibition of the American Peony Society, to be held under the auspices of the Pennsylvania Horticultural Society in Horticultural Hall, Philadelphia, Pa., June, 1911, was held at the rooms of the latter society March 1. There was a full attendance of the committee as follows: Bertrand H. Farr, president and chairman; J. H. Humphreys of the Andorra Nurseries; H. C. Simm of Henry A. Dreer; S. Mendelson Meehan of Thomas Meehan & Sons, and J. H. Styer of Concordville, Pa. There were also present David Rust, secretary of the Pennsylvania Horticultural Society, and R. T. Brown of the Cottage Gardens Co., Queens, Long Island, N. Y.

The meeting was very enthusiastic and gave encouraging promise of a most successful exhibition next June. The committee was gratified to receive the offer of a number of special premiums from different firms and were assured by Mr. Rust of the hearty co-operation of the Pennsylvania Horticultural Society and other local exhibitors.

It is intended, if possible, to arrange the date so that the local mid-season varieties will be in their prime, which will allow exhibitors from the north to send their earlier varieties and those from the south will be enabled to exhibit their later kinds.

### Ellwanger & Barry's Novelties.

In a booklet titled *Novelties in Trees, Shrubs, Roses and Hardy Plants* issued by Ellwanger & Barry, Rochester, N. Y., this firm are offering some new and very valuable additions to the varieties now in cultivation. Among them may be mentioned the new Japanese cherry, James H. Veitch, which produces in early spring large beautiful rose-pink double flowers in the greatest profusion. In new trees are Aesculus Brioti, Briot's Red Horse Chestnut, Aesculus Plantierensis, a horse chestnut bearing yellowish white flowers with golden yellow spots, and Aesculus turbinata, the Japanese Horse

Chestnut. Four valuable American thorns, Crategus, Arnoldiana, C. Barryana, C. Ellwangeriana and C. Mac-anthra. Two beautiful Negundo maples, the N. Californicum aurea, Golden Negundo and N. Folii variegata, Silver Negundo; Pterostyrax hispidium, a rare and beautiful Japanese tree and Bechtel's double pink flowering crab. In ornamental shrubs are distinct varieties of Japan quince, Lemoine's new deutzias, valuable new weigelas, altheas and mock oranges, prunus and sambucus, the beautiful new Spirea Alchisonii, new lilacs, viburnums and the new Ampelopsis Lowii. The list of new varieties of roses is characteristic of this house containing all the best novelties, among which may be mentioned: Viochenblau, the blue Rambler, Orleans, Vaughan's White Baby Rambler, President Taft, Jonkheer, J. L. Monk, American Pillar, Climbing American Beauty and Rayon 'd Or. Also an extensive list of new phloxes and herbaceous plants.

### Indianapolis.

Flowers are more plentiful with variable demand. The auto show caused a heavy call for carnations.

### NOTES.

A. Wiegand & Sons have issued a nice pamphlet giving florists in other cities an idea of their facilities for filling orders. Homer Wiegand is in the heights of Brown County. He plans to build a \$5,000 residence this summer.

Members of the State Florist Association of Indianapolis who are going to the national flower show at Boston, will try to get the Rose Society to hold its meeting in 1912 at Indianapolis.

It looks as if Easter plants would be short, as the demand for plants has been heavy, and most of the stock sold.

Berterman Bros. Co. received honorable mention for their float in the auto parade.

Carl Graner, formerly with A. Wiegand & Sons, will leave soon for Portland, Ore.

Baur & Smith purchased a large quantity of glass while the price was low.

CLARENCE R. GREENE.

### Tuxedo Horticultural Society.

The regular meeting was held March 1. President Miller in the chair and with a good attendance. August Kammann and Thomas Lyon were elected members. The exhibits were of good quality and the judges, McIntosh, Thomson and Hilmers, made the following awards: Pink and white roses,

D. S. Miller, first and second; J. Tansey, third. Red roses, Joseph Tansey, first; Bridesmaid, A. Fischer, first. Carnations, rose pink, D. S. Miller, first; Alma Ward and red, Joseph Tansey, first; D. S. Miller, second. Class B, red, Patrick Cassidy, first; Albert Fischer, first for Enchantress and White Enchantress. Sweet peas, Albert Fischer, first for pink and white. Violets, Patrick Cassidy, first. Honorable mention to A. Fischer for antirrhinums and Cattleya Percivalliana and W. Hastings for display.

James Scott of Elmsford read a paper entitled "Botany as an aid to horticulture" and explained how botany helps the gardener, combining the scientific and practical work. Showing the different organs of the flower and manner of fertilization. Explaining the leaf construction and constituents and manner in which nature conducts the work. The importance of knowledge of the order of plants was explained, and how the forms of leaves and stems was used in the nomenclature. A discussion followed the lecture and a vote of thanks was passed to Mr. Scott. ALBERT FISCHER, Sec'y.

For the Best New and Standard—

## DAHLIAS

— address —

PEACOCK DAHLIA FARMS,  
Williamstown Junction, N. J.

Post Office: Berlin, N. J.



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

## 500,000 Californiana Privet

FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12 inches to 4 feet will satisfy all in grade and price. Special low prices in car lots for Fall delivery; let me know your wants before purchasing. Also a fine stock of AMPELOPSIS Veltchii, 2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash. Canna Roots, Strong division, at \$2.00 per 100, \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.

Chestnut Hill, PHILA., PA.

## Phoenix Nursery Company

Nurserymen and Florists

BLOOMINGTON, ILLINOIS

Send list oft wants for prices.

Wholesale catalogue for Spring 1911 now ready.

# Ligustrum Ibota

The Privet Hedge, That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.

## Geraniums

S. A. Nutt ..... \$11.50 per 1000  
Ricard and Poltevine ..... 14.00 per 1000  
Delivery the last of March.

## Coleus

Golden Bedder and Versailles ..... \$ 6.00 per 1000  
Standards, in assortment 5.00 per 1000  
Giant Leaved ..... 10.00 per 1000  
Big lot ready all the time

## Carnations

Late delivery at special prices. Send me a list of your wants for figures.

## Lime

The best ever made for florists' use. Cheaper than the cheapest. Hydrated, pulverized and baked, at \$4.00 per half ton. Cash before shipment.

**ALBERT M. HERR**  
LANCASTER, PA.

Mention the American Florist when writing

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft ..... 65c 3 to 3½ ft ..... \$1.00  
2½ to 3 ft ..... 75c 3½ to 4 ft ..... 1.25  
KENTIA NURSERIES, Santa Barbara, Calif.

Albany, N. Y.

An enthusiastic turnout characterized the March meeting of the Albany Florists' Club which was held at a hall secured for the occasion at 250 Western avenue. It had been announced that an exhibition of new varieties, a banquet, and an entertainment would be features of the meeting and as a result about 60 members of the club and others interested in the trade were present. A. N. Fierston, Cromwell, Conn., sent over samples of four new varieties of roses, Lady Cromwell, a light pink of some promise; Radiance, a dark pink variety; Prince de Bulgarie, light pink, and Dark Pink Killarney. All had long stems, good foliage, and buds of excellent shape and size. Fred Dornier & Sons Co., Lafayette, Ind., sent specimens of two new carnations, White Wonder and Gloriosa, a light pink variety. The Wan-ko-greenhouses, Barneveld, N. Y., were represented by a variegated carnation, Rainbow. Joseph Traudt, Canajoharie, sent specimens of his new alyssum Variegated Little Gem for which the S. A. F. gave him honorable mention at the Rochester convention last year. Fred A. Danker and Frederick Goldring of this city contributed some choice new varieties from their greenhouses as did also William Hannell of Watervliet. Henry Schrade of Saratoga showed specimens of his carnation Canary Bird, which attracted attention from the peculiar convolutions of the petals.

After the banquet President Danker introduced the toastmaster, John C. McAllister, who called for recitations upon Prof. John A. Howe, Jr., a well known electionist, and Dennis McCarthy, a clever amateur vaudevillian. Short addresses on subjects pertinent to the evening were made by nearly all of the members and visitors present. Among the latter were James J. Cairns, representing H. A. Dreer Co., Philadelphia. Cairns was on the return to Philadelphia after a trip of two and a half months extending to the Pacific coast. His reports of visits to florists' organizations were instructive

## Vaughan's Rose Novelties

Know the Roses that are worth while to grow.

The best dwarf POLYANTHA roses for Pots, Forcing or Bedding.

**Jessie.** A brilliant cherry crimson. Field grown, each. 50c; doz. \$5.50; 100, \$40.00.

**Mrs. Taft.** A brighter shade than the Baby Rambler. 2½ in. each. 20c; doz. \$2.00; 100, \$15.00. 3½ in. each. 35c; doz. 4.00.

**Orleans.** A deep cerise with a showy center of white. 2½ in. each. 20c; doz. \$2.00; 100, \$15.00. 3½ in. each. 35c; doz. 4.00.

**Phyllis.** A bright carmine pink. Field grown. 2 yr. each 3c; doz. \$3.00; 100 \$22. 3 yr. each 40c; doz. 3.50; 100 25.

## Vaughan's Seed Store,

84-86 Randolph St., CHICAGO.

25 Barclay St., NEW YORK.

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

## Seasonable Stock

**Azalea Mollis**, bushy seedlings. 12-15 in., \$25.00 per 100; 15-18 in., \$35.00 per 100.

**Rhododendrons**, best named varieties. 18-24 in., \$75.00; 24-30 in., \$100.00 per 100. Bushy seedlings. 18-24 in., \$60.00; 24-30 in., \$75.00 per 100.

**Roses**, Baby Dorothy, White Baby Rambler and Clothilde Souper, one year, field-grown plants, cut back and grown cool in 3 and 4 in. pots all winter, now in full growth, fine stock \$ 0.00 per 100.

**Nephrolepis Scholzei**, strong 5 in., \$5.00 per dozen; \$35.00 per 100.

**Nephrolepis Bostoniensis**, fine 2½ in. stock. \$4.00 per 100

**Nephrolepis Scottii**, strong 4 in. \$25.00 per 100.

Send for Catalog No. 5 if you have not received it.

**THE STORRS & HARRISON CO., Painesville, O.**

## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2½ in. pots, \$7.00 per 100; 3 in. pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateau, Golden Gate,

2½ in. pots, \$5.00 per 100; 3 in. pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2½ in. pots.

Send for circular.

**J. L. DILLON, Bloomsburg, Pa.**

## Alternantheras.....

Strong, well rooted cuttings: the kind that will thrive.

**P. Major**, red. 50c per 100; \$4.00 per 1000. **A. Nana**, yellow. 50c per 100; \$4.00 per 1000. **Brilliantissima**, 60c per 100; \$5.00 per 1000.

**J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa**

and gave an idea of how meetings are conducted in other cities. Remarks were made also by Winfried Roelker of August Roelker & Sons, New York, who will this spring complete 40 years of an active business career. During the evening it was

**CLIMBERS.** The Cream of the Season's Offerings.

**Climbing Baby Rambler** Beautiful carmine red. A real everblooming climber. Field grown plants, each 75c; doz. \$8.00.

**Graf Zeppelin.** A brilliant pink have a fiery reflex. 2½ in. p-ts. each 35c; doz. \$3.60.

**Wartburg.** Beautiful dark rose with double petals twisted like a Cactus Dahlia. Field grown plants each 50c.

**White Dorothy Perkins.** A grand Rambler. Bound to be a great favorite. 2½ in. each 15c; doz. \$1.50; 100 \$10.00. Field grown, each, 25c; 2.50; 100, 20.00.

**Primula Kewensis**, 3 in., \$5.00 per 100.

**Moonflower**, Ipomea Grandiflora, \$3.00 per 100.

**Anthericum Variegatum**, 2½ in., \$3.00 per 100.

**Dracena Indivisa**, fine 2½ in., for growing on, \$3.00 per 100.

**Kentia Belmoreana**, young stock, in fine condition. 2½ in., \$5.00 per 100; 3 in., \$15.00 per 100; 4 in., \$35.00 per 100; 5 in., \$50.00 per 100.

**Kentia Forsteriana**, bushy, made-up plants, in tubs. 40 44 in. high. \$4.00 each; 44 48 in. high. \$5.00 each; 52 56 in. high. \$7.00 each.

**Arcea Lutescens**, 7 in. pots, 3 in a pot. 26-28 in. \$1.00 each; 3 in a pot, 34-36 in., \$2.50 each.

## Jacs Smits & Co., NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraea, Vaylets.

Price List Free on Demand.

Mention the American Florist when writing

brought out that a number of the members intend to visit the Flower Show of the S. A. F. in Boston at the end of this month and a small party will undoubtedly be made up for the occasion.

R. D.



## ORCHIDS

We are one of the largest collectors and importers of Orchids, Investigate us.

CARILLO & BALDWIN, Mamaroneck, N. Y.

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

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NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.

## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

Lager & Hurrell, Summit, N. J.

San Francisco.

Trade for the last week has shown a marked improvement, and there is every indication that it will continue from now on. Previous to this time, however, the weather conditions have been unfavorable to shoppers and for this cause the florist business was interfered with to a certain extent. The stock brought into the market now is limited on account of the extremely cold weather that we are experiencing. Under these conditions the wholesalers find a ready sale for their stock. Carnations are now selling from 37½ to 50 cents per dozen and roses are exceptionally limited and high priced.

### NOTES.

J. A. Carbone and wife of Berkeley entertained with their well known hospitality a party of their friends at a dinner last week. The guest of honor at this affair was Geo. E. Baldwin, a well known orchid importer of New York. Prominent among those who attended were: V. Podesta and wife, Mr. De Guerra and Miss De Guerra, F. Pelicano, R. Schmidt, E. W. McLellan, P. Ferrari, and E. James. After a most enjoyable day the guests left for this city.

G. E. Baldwin's visit to this city was purely for business purposes and he left for the east some few days ago with a good share of orders.

Thomas Wright, Los Angeles, has been spending a few days in this city on business. ARTUS.

### Lenox Horticultural Society.

The monthly meeting of the society was held March 4 and was one of the best meetings to attend for the past eighteen months. It is only a short time ago the society attained the century mark on point of membership and yet the boom continues. Three honorary members and six on the active list were enrolled. The chairman of the schedule committee, F. Heeremans, reported progress; a few alterations had been made; in each case it was a step in the right direction; the dates of the summer and fall shows were settled. J. Clifford, chairman of the entertainment committee, reported that the annual ball had shown a good balance on the right side of the book. W. Jack read a paper on mushroom culture which was handled in masterly style. At first sight, the subject has a very dry and musty flavor with it; very bad material for an interesting paper. But Mr. Jack is a hard-headed Scotty, and practical to boot; he has methods of his own in growing mushrooms, and is credited with growing them success-

# EASTER PLANTS

## Prepare for Easter

And purchase your Easter supply direct from your old reliable friend, Godfrey Aschmann, of Philadelphia. Two more houses devoted this year to Easter plants, and we have an immense stock for immediate shipment.



### Lilium Multiflorum.

Our own importation from our general grower in Japan, raised from 9-10 in bulbs, started in 6-in. pots last October; have kept cold. 25c to 30c each, by the dozen or hundred. Plants, medium size, from 5 to 10 buds per plant. 10c per bud; plants under 5 buds. 12c per bud. Just right for Easter. We have the finest lilies this year in Philadelphia and all over the country. It is the town talk from florists and agents daily visiting our place. "We never have seen anything like it," said two well-known growers from Cincinnati and Short Hills, N. J. We have three houses all in 6-in. pots nicely stacked up, and can supply all applications.

Two houses in *Cineraria Hyb. Grandiflora*, just right for Easter; in bloom now if desired. Our strain in size of plants and flowers are twice as large as the old varieties; flowers when open will last much longer than usual; perfect green foliage in fine brilliant colors. 5½ to 6-in., 25c. 5c to 75c, and as high as \$1.00 each; 4-in., ready for a shift into 5½ to 6-in., 10c each; \$1.00 per 1-0.

Our *Hydrangea Olaksa* can be beat! full of buds; right for Easter trade; every branch nicely stacked up. 6-in. pots. 25c. 35c to 50c; 7-in. 75c. \$1.00 \$1.25 to \$1.50.

*Hyacinths* of our own importation, four best colors, Gertrude best pink; King of the Blues, best blue; Grand Maitre, light blue; La Grandesse, best white; 4-in. pots, now outside in cold frame, covered with leaves; two weeks will force them out into bloom; now \$1.00 (per 10); when in bloom, \$1.00 per 10.

*Von sion Daffodils* (double nosed), best double Narcissus in cultivation, three bulbs planted in a 5½ to 6-in. pot. \$2.50 per doz. pots.

*Tulips*, Tournecole double, red and yellow variegated and Murillo, beautifully shaded rose pink, three bulbs in one pot (4 in.), \$1.50 per 100 pots; \$1.80 per doz.

*Ipomoea Noctiflora*, our so well-known pure white, waxy MOONVINE, bearing flowers very fragrant and as big as saucer, 2½-in. pot, will make good stock for you to propagate from, \$5.00 per 100.

## GODFREY ASCHMANN

Wholesale Grower and Importer of Potted Plants.

1012 W. Ontario St., PHILADELPHIA, PA.

## ROSES

See our list in classified columns. Best varieties and best quality. Order today. Stock will be reserved.

Wagner Park Conservatories, Sidney, O.

fully. It was a splendid paper; well read, and interesting from start to finish, and fully deserved the hearty

### Azalea Indica.

Remember we are headquarters for *Azalea Indica*, grown for us under contract in Ghent, Belgium under my personal inspection, by going abroad every year and looking them over. *Azalea Indica*, Easter forcing. Vervaeckens, Professor Wolters, Empress of India, Schryveriana, double variegated 60c, 75c, \$1.00 to \$1.50; Mme Van der Cruysen Simon Mardner, pink, Niobe, white, Apollo, red, 60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we have Niobe, Helena Thielman, Bernard Andreas Alba, white, Mme. Van der Cruysen, and others. \$1.50, \$2.00 to \$2.50.

*Azalea Indica*, with buds advanced showing color and partly in bloom. Deutsche Perle, Vervaeckens and Simon Mardner, 60c, 75c, \$1.00 to \$1.25.

### Araucarias Our Specialty.

We are the largest importers of these lovely decorative plants the *Araucaria Excelsa*, *Robusta Compacta* and *Glaucia*, 6,000 of the choicest last spring importation, now ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the *Araucarias* in the future.

*Araucaria Excelsa*, raised from top cuttings, no seedlings. Plants, 5-5½-6-7 in. pots. 15-18-20 seedlings, high. 4-5-6-7-8-9-10 years old 60c, 75c, \$1.00, \$1.25 to \$1.50 each. We give big value for your money. Just think! An elephant, 6-in. pot, 4 year old, 4-5-6 tiers, 20-25 in. high, for only 60c to \$1.00; a jumbo, 6-in. pot, 5-year old, 25 in. and over, as wide as a bushel basket, 5-6 tiers for only \$1.00, and what do you think a holy terror, 30 to 40 in. and over, 5-6 tiers, worth \$2.00, for only \$1.25 to \$1.50.

*Robusta Compacta*, *Excelsa Glaucia*, 6-in. pots. \$1.00, \$1.25, \$1.50 to \$2.00 each. We also have the nicest *Araucaria Robusta Compacta* and *Excelsa Glaucia*, a house full, for only \$1.25 to \$1.50, worth double.

*Adiantum Hybridum*, 6-in. pan 25c to 30c.

*Asparagus Sprengeri*, 2½-in. 3c, 4-in. 10c. *Sprengi cladstone*, two houses of our own importation, direct from Holland full of buds. 5½-6 and 7-in. pots, at 25c, 55c, 50c to 75c.

*Dracena Bruni*, 25 to 30 in. high, 6-in. pots, 40c to 50c. Highly recommended for store or home decoration: stands heat cold and dust.

*Latania Borbonica* (Chinese Fan Palms), 30 to 35 in. high 6 to 7 in. pots. 50c, 75c to \$1.00 each.

*Kentia Forsteriana*, in fine shape, 6-in. pots. 30-35 40-45 in. high. 5-6 tiers, 20-25 in. high. \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

*Kentia Belmoreana*, 30-35-40 in. high 5-5½-6-7 in. pots. 5-6-7 years old \$1.25 \$1.50 to \$2.00 each.

*Kentia Belmoreana*, combination plants 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots. \$1.00, \$1.25 to \$1.50. 4-in. 20 in. high 20 to 25c.

Our Ferns this year are exceptionally very fine. *Boston*, *Scottii*, *Whitmanii* and *Scholzii*, 5½ and 6-in. pots, 25c to 30c.

*Ferns for Dishes*, big assortment 2½-in. pots, at \$1.00 to \$1.25. Remember all our Ferns are pot-grown, not lifted from benches.

*Neph. Gladiolus*, a new beautiful form, an improvement on *Scottii*, much shorter and bushier than *Scottii* 5½ in. pots. 50c 3-in. pots, 25c.

*Crimson Rambler Roses*, 6-in. pots, 3 feet high, nicely stacked up and best down, 50c to 75c.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,

WEST GROVE.

PA

vote of thanks that was accorded him at the close.

JOSEPH W. PYBUS, Sec'y.

# Bobbink & Atkins

World's Choicest Florist and Nursery Products.

## RHODODENDRONS.

In all bright colors: fine forcing varieties: good value.  
\$9 00, \$12 00, \$15 00, \$18 00 per doz.

**CAMELIAS.** Well budded plants, variety of colors, \$15 00, \$18 00, \$24 00 per doz.

**ACACIA PARADOXA.** Fine plants, \$12 00, \$18 00, \$24 00 per doz.

## Pot-Grown Forcing Plants.

|                                                                   | Per 100 | Doz.   |
|-------------------------------------------------------------------|---------|--------|
| Azalea Mollis.....                                                | \$35 00 | \$4 50 |
| Lilac, Charles X, Marie Le Graye, extra size, for 8-in. pots..... |         | 10 00  |
| Dicentra Spectabilis.....                                         | 6 00    |        |
| Aucuba Variegated, for window boxes, 12-15 in.....                |         | 4 00   |
| Aucuba, fine plants, 18-24 in.....                                |         | 9 00   |

## KENTIAS and BAY TREES.

Our stock is larger and finer than ever. We can fill orders for any quantity in all sizes.

**HARDY HERBACEOUS PLANTS.** We grow a large quantity and variety of these popular florist plants.

Mail Us Your List of Nursery Plants for Quotations. Order early to save heavy express charges; impossible to ship by freight in cold weather. Ask for Wholesale Catalogue.

Nurserymen, Florists and Planters,

## ROSES.

H. P., low budded, 2-yr., fine stock for forcing in pots, in all the leading varieties..... \$15 00 per 100; \$125 00 per 1000

We have a fine, strong, healthy collection of Standard Roses, in all the leading varieties, at..... \$6 00 per doz.

H. T., low budded, 2-yr., fine stock for forcing in pots..... \$20 00 per 100

Crimson Rambler, home grown, 2 year old, 2-3 ft. Per doz. 100

well branched, own roots..... \$2 00 \$12 00

2 year old, 2-3 feet, well branched, budded..... 2 00 12 00

3 year old, 3-4 feet, well branched, own roots..... 3 00 15 00

3 year old, 4-5 feet, well branched, budded..... 3 00 15 00

Dorothy Perkins, strong field grown..... 2 00 15 00

Baby Rambler, half standard, 30 in. high..... 9 00 15 00

Lady Gay, 2 year old..... 9 00 15 00

Baby Rambler, dormant, field grown, selected, budded plants..... 16 00

A visit to our greenhouses and nursery will convince you we have the quality that gives satisfaction.

We have a fine selection of nursery products. Shall be pleased to give special prices on lists.

## EVERGREENS.

We have a large quantity and fine assortment of small Evergreens, for Winter Boxes and Vases. 10-12 inches, \$20 00 per 100; 12-15 inches, \$25 00 per 100; 15-18 inches, \$35 00 per 100.

RUTHERFORD, N. J.

## A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; Viand, Castellane, Poitevine, Jaulin, Ricard, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
Whitman! Ferns, 4-in. 25c each. 5-in. 35c.  
Boston Ferns, 5-in. 25c each.  
Vinea Var., 2-in. \$2.00 per 100.  
Dracena Ind., 4-in., \$10.00 per 100.  
Dracena Ind., 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
Asparagus Sprengeri, 2-in. \$2.50 per 100.  
Heliotrope, Blue, R. C., \$1.00 per 100.  
Cash with order.

GEO. M. EMMANS, Newton, N. J.  
Mention the American Florist when writing

## "Nothing but Roses"

Spring List ready

200 old and new sorts, 2½ and 4-in. on own roots.

THE LEEDLE FLORAL COMPANY -  
SPRINGFIELD OHIO

Mention the American Florist when writing

A New Fern **Nephrolepis Giatrasii**

Awarded a Certificate of Merit by the Horticultural Society of New York.

Prices: In 2½ inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates; 250 plants at 1000 rates. Orders delivered in rotation as received.

Now Ready for Delivery.

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## PALMS, FERNS AND Decorative Plants

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DETROIT, MICH.—Gus Taepke is going to tear down and rebuild five old houses and build one new house 33x200 feet, increasing his plant 10,000 feet and making a total of 85,000 feet.

## CARNATIONS

100,000 rooted cuttings, strong, healthy guaranteed.

Pink Delight, Dorothy Gordon, Apple Blossom, Wanoka, \$6.00 per 100. \$50.00 per 1000.

Cash or C. O. D. from unknown parties.

Order now for early delivery.

By the way have you ordered

## RAINBOW

the coming Carnation? Awarded A. C. S. Certificate at Pittsburg. Orders booked now for January, 1912. delivery, \$12.00 per 100; \$100.00 per 1000.

Wanoka Greenhouses, Barneveld, N. Y.

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL, New York.

D. U. AUGSPURGER & SONS CO.  
FLORISTS,

BOX 778,

Peoria, Illinois.

## Robert Craig Co...

HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa

## Rooted Carnation Cuttings

For Immediate Delivery

ENCHANTRESS, PERFECTION,

BEACON, \$3.00 per 100;

\$25.00 per 1000.

ROSE PINK and WHITE

ENCHANTRESS, WINSOR,

\$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

Thompson Carnation Co.,

JOLIET, ILL.

Mention the American Florist when writing

## Verbenas! Verbenas!!

Verbenas!

The Gem Bedding Plant.

Send for circular.

J. L. Dillon

Bloomsburg, Pa.

## CINERARIAS

Fine plants for Easter; also Primulas, Baby and Chinese, in full bloom, out of 4-in. \$5.00 per 100.

Alyssum, double and single, Verbenas, Stocks, Salvia, Phlox, Snapdragon, Ivy, Rose and other Geraniums and Asparagus Sprengeri, fine plants out 2½-in., \$2.00 per 100; 300 for \$5.00.

J. C. SCHMIDT, Bristol, Pa.



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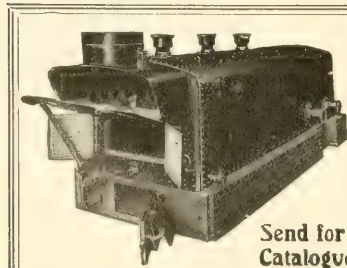
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Box trees, all sizes, Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, McHutchinson Co., 17 Murray St., New York.

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Bulbs, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs, Calla Elliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

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| Shasta, white                      | 6.00    | 50.00   |
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| Enchantress                        | 3.00    | 25.00   |
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| White Enchantress                  | 3.00    | 25.00   |
| Victory                            | 3.00    | 25.00   |

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| Washington       | Per 100 | Per 1,000 |
|                  | \$10.00 | \$75.00   |
| Sangamo          | 6.00    | 50.00     |
| Mary Tolman      | 6.00    | 50.00     |
| Conquest         | 6.00    | 50.00     |
| May Day          | 3.00    | 25.00     |
| Beacon           | 3.00    | 25.00     |
| White Perfection | 2.50    | 20.00     |
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| Winous           | 2.50    | 20.00     |

Satisfaction guaranteed.

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Carnation, Enchantress, Perfection, Beacon, \$5 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations, For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties, Chas. H. Totty, Madison, N. J.

Carnation Right Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

Carnations, A. M. Herr, Lancaster, Pa.

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Chrysanthemums, novelties and standard varieties, Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

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Cineraria, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

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Coleus, Golden Buzzer and Verschaffeltii, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Coleus, yellow, red and variegated, 2-in. heavy, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Coleus, Golden Buzzer, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.

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Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

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Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

Dahsies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

**DRACENAS.**

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, extra strong, 2 1/2-in., one-year-old, \$3 per 100; \$25 per 1,000. Cash, Henry Dault, Decatur, Ill.

Dracena Brunnii, 6-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

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Boston Ferns, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in. \$5 per 100; \$60 per 1,000; 4-in. at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, Boston, Pierson, Scottii, 2 1/2-in., 4c; 3-in., 5c; Elegantisima and Whitmanii, 2 1/2-in., 5c; 3-in., 10c. Special prices on large specimen ferns. Mosbek Greenhouse Co., Omaha, Ill.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Pierson, Elegantisima, Barrowsii, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitmanii, 4-in., 25c each; 6-in., 35c; Boston, 6-in., 25c. Geo. M. Emmans, Newton, N. J.

Boston ferns, 2 1/2-in., \$5 per 100. Nephrolepis Elegantisima, 2 1/2-in., \$5 per 100. Good strong healthy plants. J. M. Cochrane, 548 W. 119th St., Chicago, Ill.

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Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000. Frank Oeschlin, 4911 Quincy St., Chicago.

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Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

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Ficus, McHutchison & Co., 17 Murray St., New York.

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Forget-me-nots, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

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Fuchsias, 6 vars., 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Fuchsias, 2 1/2-in., \$4 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

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Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellane, Poltevine, Jaulin, Ricard, Buchner, G. S., \$1.25; 2-in., \$2; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

ROOTED CUTTINGS, All stock, Nutt, Grant, Poltevine, Buchner, \$1.50 per 100; \$15 per 1,000. Net delivery March 25th to 30th. The W. T. Buckley Co., Springfield, Ill.

Geranium Mm. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Geraniums. For varieties and prices see advertisement on front cover page. R. Vincent, Jr. & Sons Co., White Marsh, Md.

RED WING, the best 1910 novelty, deep cardinal red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mm. Sallerol, 2 1/2-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, 15 leading varieties, 2 1/2 in., \$1; 3-in., \$6 per 100. Leo Wellenreiter, Danvers, Ill.

Geraniums, S. A. Nutt, \$11.50 per 1,000; Ricard and Poltevine, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and 6 other vars., 2 1/2-in., \$3 per 100; 3-in., \$4. Jos. H. Cunningham, Delaware, O.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$5.00. Spruce, trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 33 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, N. C.

Greens, wild smilax, 60-lb. case, \$5. Fancy and dagger ferns, 10,000 to case, \$1.25 per 1,000. Neff National Floral Co., Bellevue, Pa.

Greens, evergreen, fancy and dagger ferns, bronze and green galax Geo. Cotsonas & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Miami, Ala.

**HARDY PLANTS.**

REAL NOVELTIES AND NOVEL REALITIES IN HARDY PLANTS.

The biggest collection of hardy plants here, is found in our NOVELTY CATALOGUE. Just out of Great interest to the amateur and commercial grower alike. It describes and illustrates numerous plants of singular beauty, desirability, and simplicity of growth; inexpensive to acquire. Besides, our low prices. Plants are big, making them valuable in small or large quantities. Mailed along with our illustrated wholesale catalogue of HARDY PERENNIALS, on receipt of three 2c stamps, which pays postage only, and which amount is credited on first order.

PALISADES NURSERIES, Inc., Sparkill, N. Y. Imperative to mention this paper.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Bellis and pansies, seedlings, \$4 per 1,000. Helianthus multiflorus, n. pl., \$10 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Hardy herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

**HELIOTROPES.**

Heliotrope Centeufur, \$10 per 100. E. G. Hill Co., Richmond, Ind.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmans, Newton, N. J.

**HYDRANGEAS.**

Hydrangeas, Dr. Thomas Hogg, pure white, pot-grown in splendid condition for spring blooming, 4-in. pots, branched, \$10 per 100; 5-in., pots, \$15; 6-in. pots, \$20; 7-in. pots, \$25 per 100. Hydrangea Oakleaf, pot-grown, 5-in. pots, branched, \$15; 6-in. pots, \$20; 7-in. pots, \$25. Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

**IVY.**

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

**ISMENE.**

Ismene Calathina, large size, \$4 per 100; small size, \$2 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**LANTANAS.**

Lantanas, 6 vars., 2-in., \$2; \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

**LILACS.**

LILACS, Marie LeGrave, pot-grown for forcing, \$1 each; \$9 per doz.; Chas. X. pot-grown, for forcing, \$1 each; \$9 per doz.

THE GEO. WITTBOLD CO., Chicago, Ill.

Lilacs, Charles X, 50c each; \$5 per doz. Jackson & Perkins Co., Newark, N. Y.

Lilacs, Jas. Smits, Ltd., Naarden, Holland.

**LILY OF THE VALLEY.****To Import.**

Lily of the valley, Jas. Smits, Ltd., Naarden, Holland.

Lily of the valley. For prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Lily of the valley, Premium dormant, \$13 per 1,000. International dormant, \$10. London Market (storage), \$14. Vaughan's Seed Store, Chicago.

Lily of the valley pips, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley pips, Hamburg or Berlin type, McHutchison & Co., 17 Murray St., New York.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

**From Storage.**

Lily of the valley pips, \$1.50 per 100; \$14 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

**LOBELIAS.**

Lobelia Kathleen Mallard and Newport Model, 2-in., \$2 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Lobelia Kathleen Mallard, 2 1/2-in., \$2 per 100. Henry Dault, Decatur, Ill.

**MANETTI.**

Manetti, English, \$12 per 1,000. French, \$10. Jackson & Perkins Co., Newark, N. Y.

**MOSS.**

Spaghnum moss, 10-bbl. bales, \$4 per bale; 5-bbl. bales, \$2.25 per bale. Rooted peat, 90c per sack. J. H. Sprague, Barnegat, N. J.

**MUSHROOM SPAWN.**

Mushroom Spawn, English, 25 lbs., \$2.00; 100 lbs., \$8.50; American, 25 bricks, \$3.50; 100 bricks, \$12. Vaughan's Seed Store, Chicago and New York.

Mushroom Spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

**NURSERY STOCK.**

Nursery stock, 500 Barberrum Thun., 18 to 24-in., \$c. 2,000 Wigela, 18 to 24-in., \$c. 2,000 Russian Mulberry, 6 to 12-in., \$c. 2,000 Philadelphia Corp., 12 to 18-in., \$c. 1,000 Elm of Rochester, 18 to 24-in., \$c. 1,000 Forsythia, 12 to 18-in., \$c. 2,000 Sprea Van Houttei, 18 to 24-in., \$c. 300 Clematis, strong, \$c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, funkies, Japan maples, hydrangeas, Jasca Smits, L. T., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (*Thuja occidentalis*), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, cattleyas and novelties. Carrillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 6-in., \$5 per doz.; 6-in., \$9 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

Pansies (transplanted); these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75c per 100; \$5 per 1,000. F. A. Miller, Bloomington, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kenilworth, N. J.

Pansy plants, \$1.50 per 100. Jos. H. Cunningham, Delaware, Pa.

Pansies, \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

## PALMS.

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Lantana, 3-in., \$8 per 100; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1912 W. Ontario St., Philadelphia.

Phoenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Palms, Kentias, McHutchison & Co., 17 Murray St., New York.

Palms, Kentias, Joseph Heacock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

## PEONIES.

Peonies, all vars. Jasca Smits, L. T., Naarden, Holland.

Peonies, McHutchison & Co., 17 Murray St., New York.

## PETUNIAS.

Double petunias, mixed, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## POINSETTIAS.

Poinsettias, stock plants from 6-in. pots, \$10 per 100; 6-in. pots, \$7.50; 4-in. pots, \$5 per 100. Expressage paid. They are fine and scarce. Don't get left again. Avenue Flora Co., 3442 St. Charles Ave., New Orleans, La.

## PRIMULAS.

Primula chinensis, 5½-in., \$2.50 per doz. G. Aschmann, 1912 W. Ontario St., Philadelphia.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

Primulas, Chinese, 2½-in., \$2 per 100. J. G. Schmidt, Bristol, Pa.

## PRIVET.

Privet, California, 1- and 2-year plants. Chas. Black, Hightstown, N. J.

Privet, Ithaca, \$5 per 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co., office: Worcester, Mass. Nurseries: Castle Hayne, N. C.

## RHOODODENDRONS.

Rhododendrons, McHutchison & Co., 17 Murray St., New York.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons, Bobbink & Atkins, Rutherford, N. J.

Rhododendrons, Jasca Smits, Naarden, Holland.

## ROSES.

ROSES. Thrifty 2-in. stock of F. E. Willard, Mrs. Ben R. Cant, Bride, Bridesmaid Perle, \$2.50 per 100; \$20 per 1,000. Wellesley, Souv. De P. Notting, White, Cochet, Helen Gould, Burbank, Pink Cochet, White La France, Red La France, Coquette des Blancs, Louis Van Houtte, Kaiserin A. V., Tausendsehn, Dorothy Perkins, \$3 per 100; \$25 per 1,000. La Reine, Jules Margottin, Magna Charta, Chestant Hybrid, Veilchenblau (blue rose), Flower of Fairfield (everblooming ramblers), Sunrise, Gloire de L'E., Bruxelles, \$3.50 per 100; \$30 per 1,000. Can furnish the above in large long-stemmed plants at \$8, \$9 and \$10 per 100; except Veilchenblau and Flower of Fairfield, we have in 3½-in., at \$12 per 100. Order today. Stock will be reserved for you. WAGNER PARK CONSERVATORIES, Sidney, Ohio.

## ROOTED ROSE CUTTINGS.

|                 | Per 100 | Per 1000 |
|-----------------|---------|----------|
| RICHMOND        | \$1.50  | \$12.50  |
| WHITE KILLARNEY | 3.50    | 30.00    |

## PLANTS FROM 2½-INCH POTS.

|                 | \$3.00 | \$25.00 |
|-----------------|--------|---------|
| RICHMOND        |        |         |
| WHITE KILLARNEY | 7.00   | 60.00   |

GEO. REINBERG

35 Randolph St., Chicago

Roses, Lady Hillington, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Red Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomington, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. Bobbink & Atkins, Rutherford, N. J.

Roses, 2½-in. For varieties and prices see advertisement on front cover. Good & Reese Co., Springfield, O.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

White Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. For prices and varieties see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, hybrid perpetual and Ramblers. Jackson & Peins Co., Newark, N. Y.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

New Rambler (violet blue), Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leddie Floral Co., Springfield, O.

Roses, McHutchison & Co., 17 Murray St., New York.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

## SALVIA.

Salvia, Zyrich, rooted cuttings, 1c prepaid; 2-in., 2c; L. Schiller, Toledo, O.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvia splendens, R. C. C., 1c; 2½-in., 2½c. Mosbach Greenhouse Co., Onarga, Ill.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvias, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, Pa.

## SEEDS.

ASPARAGUS PLUMOSUS NANUS SEED. House-grown; a high grade seed and absolutely true to name.

|                 |        |                  |        |
|-----------------|--------|------------------|--------|
| 1,000 seed..... | 1,000  | 10,000 seed..... | 1,000  |
| 5,000 seed..... | \$2.50 | 20,000 seed..... | \$2.00 |
|                 | 2.25   |                  | 1.75   |

On larger quantities write for quotations. LOS ANGELES FLOWER MARKET

414½ So. Broadway, Los Angeles, Calif.

Seed, Asparagus plumosus nanus, \$4 per 1,000; 5,000 for \$18.75. A. Henderson & Co., 61 Wabash Ave., Chicago.

Seeds, cabbage, cauliflower, carrot, mangold, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, snail, etc. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beef, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Slater Bay, Wis.

Seeds, pansy, 1,000 seeds, 25c; 1 os., \$2.25. H. Wrede, Lunenburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, Archias' Seed Store, Box 52, Sedalia, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 87 E. 19th St., New York.

Seeds, flowers. Frederick Roemer, Quedlinburg, Germany.

Seeds, dower. J. H. Gregory & Son, 115 Elm St., Marblehead, Mass.

Seeds, Landroth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 38 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chillicothe, Ohio.

Seeds, Burnett Bros., 72 Cortland St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

## Contract Growers.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flat and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohbert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

## SHAMROCKS.

Shamrocks, Welch Bros., 226 Devonshire St., Boston, Mass.

Shamrocks, 2-in., \$5 per 100. Frank Oechslein, 4911 Quincy St., Chicago.

## SMILAX.

Smilax, \$1.75 per case. Needle pines, 2 to 4 ft., \$3.50 and \$4 per 100. Henry M. Robinson & Co., Pine Apple, Ala.

Smilax, Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snappedragons, seedlings, 1c; 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

## SPIREAS.

Spiraea Gladstone, 6-in., bud, \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Spires, J. Smits, L. T., Naarden, Holland.

## STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

## TRADESCANTIA.

Tradescantia, 2½-in., 2½c. Mosbach Greenhouse Co., Onarga, Ill.

## VERBENAS.

Verbena verbenas, 2-in., \$2; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

## VINCAS.

Vinca variegata, 2½-in., \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Vincas, variegated, strong 2-in., \$2 per 100; \$18 per 1,000. C. Humfeld, Clay Center, Kans.

Vinca var., 2½-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**VIOLETS.**

For Sale—Violet Plants, Princess of Wales Luxonne, California, well rooted plants, clean and healthy, \$5 per 100; \$8 per 1,000. Cash with order. Jacques Gilmet, Morlan, Del. Co., Pa.

Violets, Lady Campbell, \$3 per 100; \$25 per 1,000. J. C. Schmidt, Bristol, Pa.

**WHOLESALE CUT FLOWERS.****Commission Dealers.**

Ambling Co., E. C., 19-21 Randolph St., Chicago.  
Angermueller, Geo. H., 1324 Pine St., St. Louis, Mo.

Bradley, Riedel & Meyer, Inc., 38 W. 25th St., New York.

Deamud Co., J. B., 51 Wabash Ave., Chicago.

Ford, M. C., 121 W. 25th St., New York.

Ford, Wm. P., 45 W. 25th St., New York.

Froment, Horace E., 57 W. 25th St., New York.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 51 Wabash Ave., Chicago.

Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Hunt, B. H., 76 Wabash Ave., Chicago.

Kastine Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennicott Bros. Co., 48-50 Wabash Ave., Chicago.

Kessler Bros., 136 W. 25th St., New York.

Kruchten, John, 51 Wabash Ave., Chicago.

Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 51 Wabash Ave., Chicago.

Kuebler, Wm. H., 28 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 25th St., New York.

Lery, Joseph J., 56 W. 25th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCallough's Sons Co., 316 Walnut St., Cincinnati.

McKellar, Chas. W., 51 Wabash Ave., Chicago.

Millang, Aug., 41 W. 25th St., New York.

Milling, Chas., 55 W. 25th St., New York.

Moltz, A. & Co., 55 W. 25th St., New York.

Moore, Hentz & Nash, 55 W. 25th St., New York.

Munk Floral Co., Columbus, O.

N. Y. Cut Flower Exchange, Coogan Bldg., New York.

Nissen Co., The Leo, 1209 Arch St., Philadelphia.

Pennock-Meehan Co., S. S., 109 W. 25th St., New York.

Pittsburg Cut Flower Co., 121 7th St., Pittsburg, Pa.

Randall, A. L. Co., 19-21 Randolph St., Chicago.

Rice Bros., 115 6th St., Minneapolis, Minn.

Robinson & Co., H. M., 15 Province St., Boston.

Sheridan, Walter P., 131 W. 25th St., New York.

Siebrecht & Siebrecht, 136 W. 25th St., New York.

Smith, P. J., 49 W. 25th St., New York.

Treadley & Schenck, 131 W. 25th St., New York.

Vaughan & Sperry, 52 Wabash Ave., Chicago.

Welland & Rich, 59 Wabash Ave., Chicago.

Welch Bros., 226 Devonshire St., Boston, Mass.

Weiss & Sons, Charles, 128 W. 25th St., New York.

Young & Co., A. L., 54 W. 25th St., New York.

Zech & Mand, 51 Wabash Ave., Chicago.

**BUILDING MATERIAL.**

Building material. Cypress is far more durable than pine. Cypress sash bars up to 32 feet or longer. Greenhouse and other building material. Men furnished to superintend erection when desired. A. T. Stearns Lumber Co., Newport, Boston, Mass.

Building material of all descriptions for all cypress semi-iron frame or truss houses. Hotbed sash and frames. Lord & Burnham Co., 1133 Broadway, New York.

Building material, cypress, sash bars, greenhouse material of any description. Write for catalogue. John C. Moninger Co., 902 Blackhawk St., Chicago.

Cypress for greenhouse construction, benches, etc. Baker-Wakefield Cypress Co., Ltd., Plainville, La.

Building material, greenhouse material and hotbed sash of Louisiana cypress and Washington red cedar. A. Dietrich Co., 2642 Sheffield Ave., Chicago.

Building material, cold frames, hotbed sash. Hitchings & Co., 1170 Broadway, N. Y.

Building material, Louisiana cypress, pecky cypress, hotbed sash. S. Jacobs & Sons, 1357 Flushing Ave., Brooklyn, N. Y.

**GOLDFISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Send for catalogue. AUBURNDALE GOLDFISH CO., 920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Schaff Bros., Van Wert, Ohio.

Insecticides. Carnen's Antipath Insecticide and fungicide, \$1.50 per gal. Perfection Chemical Co., Flushing, N. Y.

Insecticides. Aphine, \$1 per quart; \$2.50 per gal. Fungicide, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Pump, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Punk, \$6.50 per case of 12 paraffined boxes.

**MATS.**

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kew-Forest, Pa.

**MISCELLANEOUS.**

Draper's recording thermometers, 14x20 ins., \$30; 2x14 ins., \$25. The Draper Mfg. Co., 152 Front St., New York.

Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

Mold extension connection support; galvanized rose staves. Igoo Bros., 266 N. 9th St., Brooklyn, N. Y.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

New imported florists' baskets. The Radlein Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Lichtenberg, 1064 Ave. N. Y.

Superior carnation staple, 1,000, 50c postpaid. L. J. Walte, 293 Main St., Springfield, Mass.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. L. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchblinder Bros., 618 Milwaukee Ave., Chicago.

Artificial flowers. The Chicago Artificial Flower Co., 4813 North 40th Ave., Chicago.

Poultry food. J. Bolgiano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Glass. Baur Window Glass Co., Eaton, Ind.

Illinois Self-Watering Window and Porch boxes, hanging baskets. American Metal Box Co., 36 Dearborn St., Chicago.

Green carnation fluid, \$1 per quart. Mrs. F. Beu, 27 Randolph St., Chicago.

Cast iron reservoir vases. Washington Iron Works, Buffalo, N. Y.

Panex baskets, plant and fruit baskets. Webster Basket Co., Box 55, Webster, N. Y.

**POTS, PANS, ETC.**

"NIP-SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

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Cane Stakes. Standard grade, 6 to 8 feet, per 100; 50c; 500 for \$5; \$5.40 for 1,000.

Pine stakes, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 81 Barclay St., New York.

A well-known nursery house writes of our

**CREDIT LIST**

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Why don't you avoid further losses by joining

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# The Toledo Jardinier and Stand

Is a Work of Art.

They are made from quartered white oak, golden finish and polished. Hoops, handles, etc., are made of polished brass. They stand 31 1/2 inches high, 9 1/2 inches diameter.

**Toledo Tree Tubs**

are made of the everlasting red cedar. They have the extension stave foot, that holds the tub up from the floor or carpet. This feature permits circulation between the tub and the floor, also prevents rot or decaying. They have electric welded galvanized basic steel wire hoops, that will not rust or break. They are made in all sizes, from two quarts to two barrels.



Write us for catalogue and prices.

Manufactured by

**The American Wooden-Ware Manufacturing Co., TOLEDO, OHIO.**

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Steam and Hot Water. GIBLIN & CO., Utica, N. Y.

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# "ILLINOIS" Self-Watering

Window and Porch Boxes, Hanging Baskets, Pots, Etc., Etc.

Mr. Florist:—You can easily double your sales of plants by offering them in Self-Watering devices, for the very simple reason that the plants will live and thrive in spite of careless watering.

The better your plants grow in the homes of your customers, the better your reputation will be for selling good plants and the more people will buy from you.

We are selling thousands of these boxes to florists and consumers all over the United States.

We much prefer to sell through the florist only, and offer a handsome margin of profit.

If You Doubt their efficiency send us a trial order and return the goods after a trial if they prove different from our claims.

Illinois Self-Watering Flower Boxes were awarded Certificate of Honorable Mention by Society of American Florists in 1910.

Write for Catalog. Use your letterhead or no discount will be quoted.

**American Metal Box Co.,**  
**36 Dearborn St., CHICAGO.**

Conard & Jones Co., West Grove, Pa., agents for N. Y., N. J. and Pa.



Pat. 1-99-07 6-22-09

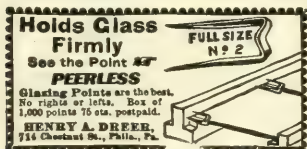
Mention the American Florist when writing



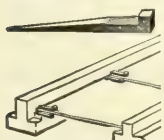
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 Never Rust  
**GLAZING POINTS**

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$  inch. 40c per lb. by mail for extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

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 Chas. T. Siebert, Baum & Beatty Sts., Pittsburgh  
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**Siebert's Zinc**  
**Glazing Points.**

Good for small or large glass. do not rust. easy to drive  $\frac{3}{4}$  and  $\frac{1}{2}$  inch. Per lb 40c. 5 lbs \$1.85. 20 lbs \$7.00

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Let us quote you on new and second-hand

**BOILERS, PIPE, FITTINGS, GLASS,**  
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Lock the door before the horse is stolen,  
 and insure your glass before it is broken.

For particulars concerning  
 Hail Insurance address

**JOHN G. ESLER, Secretary**

SADDLE RIVER, N. J.

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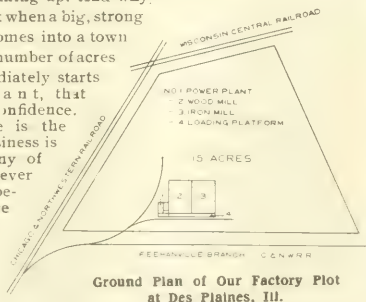
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DES PLAINES, Ill., is where that new factory of ours is located. The real estate men say that "until we started building, things were absolutely dead there, and had been for years." Now what has happened? New houses are going up—fine ones too; and land has greatly increased in value. Not a boom mind you, but a good healthy waking up. And why? They tell us that when a big, strong firm like ours comes into a town and securing a number of acres of land, immediately starts building a plant, that it inspires confidence. And confidence is the thing sound business is based on. Many of these people never heard of us before, but when we came into their town and began doing business, they evidently liked

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Just to try us out, order even as small a thing as a keg of putty. You will get a genuine greenhouse putty. The kind that stays put. Address your letter to The Rookery, Chicago.



Ground Plan of Our Factory Plot at Des Plaines, Ill.

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 St. James Building.

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IS THE  
STRONGEST  
BEST PACKED  
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|------------------|---------|
| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 3.50    |
| 288 sheets.....  | 6.50    |
| 1728 sheets..... | 35.10   |

# "Nico-Fume" LIQUID

OVER 40% NICOTINE

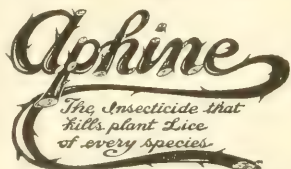
By far the  
CHEAPEST

JUST NOTE PRICES

Furnishes the  
Most Nicotine for the Money!

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

|                |         |
|----------------|---------|
| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 47.25   |



You may rely on it for positive results, with-  
out fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

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An infallible remedy for mildew and other  
fungus diseases. A clean, safe and easily ap-  
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for the greenhouse.

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For Sale by Seedsmen.

Send for name of nearest selling agent.

Our products are not alone endorsed, but  
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partments and state colleges of the country.

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## INSECTS

An invaluable exterminator of wood-  
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troublesome in the greenhouse and garden;  
endorsed by florists and gardeners.  
Price with full directions postpaid, 50c.  
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**Building and Propagating Sands**  
Fire Brick and Fire Clay, Portland Cement  
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The tank is made of galvanized sheet steel, and in brass.  
The pump is of brass throughout, simple and powerful.  
The mixing device keeps the contents of the tank well stirred up from  
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When the machine is filled to within six inches of the top, a few strokes  
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All parts are made to gauge and may be had for repairs.

Ask your dealer about our **Extension Hose, Extension Rods,**

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Sold through Seedsmen, Dealers in Florists' and Poultry Supplies.

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The most effective  
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material there is  
for spraying plants and blooms.

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Is skillfully extracted  
from leaf to  
bacco and carefully  
refined; it is clean and easy to apply.

## Nikoteen

Does the work when  
vaporized either in  
pans or pipes or  
over a flame. Full Pint Bottles, \$1.50.

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Specially prepared for fumigating closed  
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Price \$6.50 per case of 12 paraffined boxes.  
All Seedsmen.

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Pure—dry—uniform and reliable!  
The best of all manures for the  
greenhouse. Florists all over the  
country are using it instead of  
rough manure.

## Pulverized Sheep Manure

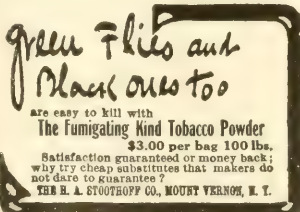
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Write for circulars and prices.

**The Pulverized Manure Company**

32 Union Stock Yards.

Chicago

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are easy to kill with  
**The Fumigating Kind Tobacco Powder**

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
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For Florists, Gardeners, Truck Farmers,  
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Waterproof Sheetting, Hay Caps, Etc.

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**INSECTICIDE AND FUNGICIDE**  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless  
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Kills Green Fly, Aphides, Bark Lice,  
Thrips, Mealy Bug, Red Spider, Scale,  
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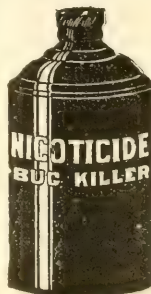
This is the Grower's Friend. Handy to  
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keeps down mildew. Circulars on applica-  
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Approved by the New York State Agricul-  
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Guaranteed under insecticide act 1910.  
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For PROOF  
Write to

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No matter what system you want we can install it for you. Gravity, forced circulation, forced draft for burning low grade coal, traps, pumps, hooks, fittings. Anything and everything for any kind of greenhouse heating.

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**HITCHINGS & COMPANY,**

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Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4-inch to 2-inch inclusive with arms to carry 8-inch or 12-inch boards.

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# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

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Manufacturers, PLATTEVILLE, LOUISIANA

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are planning any  
tions, it will pay

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TRUSSED  
SASH BAR  
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IRON FRAME  
HOUSES



CONCRETE  
BENCH MOULDS  
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GREENHOUSE  
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## WILKS' Hot Water Boilers

ARE THE MOST ECONOMICAL  
Boiler for Greenhouses

No Night Fireman Required  
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**SELF-FEEDING HOT WATER BOILERS.**

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Write for Illustrated Catalog,  
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The Most Economical Type of Boiler  
for Greenhouse Heating. Highly  
recommended by well-known florists.

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Use our patent  
Iron Bench  
Fittings and  
Roof Supports

THE JENNINGS IMPROVED  
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**IMPROVED VAPORIZING PANS**  
For Tobacco Extracts, etc. Send for Circulars.

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## Greenhouse Material

of Louisiana Cypress and  
Greenhouse Hardware and Posts.



## Hot Bed Sash

Washington Red Cedar,

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Our grade invariably the best, our prices right.  
Write for catalog and estimate when figuring on your new houses.

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**Hot Bed Sash**

Excellent Quality at Bargain Prices.  
Size: 3 ft. by 6 ft., 1 3/8-inch thick.

**Prices—GLAZED HOT BED SASH.**  
Clear Western Soft Pine.

10-A-G-88—Single lots. Price each.....\$1.67  
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**Prices—OPEN HOT BED SASH.**  
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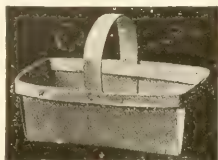
10-A-88—Price single lots, each.....96c  
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All prices for material named are F. O. B.  
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Free upon request

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Manufacturers of PANSY BASKETS, all kinds  
of PLANT and FRUIT BASKETS and crates.  
Write for catalogue and price list.

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**SPLIT CARNATIONS**

Quickly easily and  
cheaply Mended.  
No tools required.

Pillsbury Carnation Staple

2000 for \$1.00 postpaid.

**I. L. PILLSBURY**  
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**GET OUR PRICES ON**

**Galvanized Wire Rose Stakes and Tying Wire**

Manufacturers of the Model Plant Supports for  
Carnations, Dahls, G. Idem Glow, Peonies,  
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**BURNED CLAY**

**Tile Benches and Tile Bottoms**

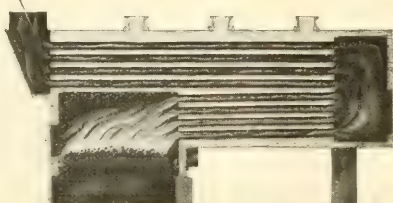
Gives results. Three styles of benches including  
Iron Pipe Frame, with Tile Bottom and Sides.  
Write for descriptive circular and delivered  
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**THE CAMP CONDUIT CO.**  
Garfield Bldg., Cleveland, O.

**"SUPERIOR"**

To All Others for Greenhouse Heating

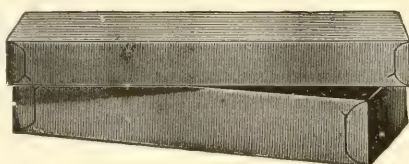


Made in 9 Sizes

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**CUT FLOWER  
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Design Boxes**

All sizes, lowest prices. Write.

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MILWAUKEE.

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**New Imported Florists' Baskets**

Our line of baskets contains many absolutely new designs that have never been  
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work of true artists. Let us send you a sample trial order. We know we can  
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**ARTIFICIAL FLOWERS OF PAPER**

Beautiful and Inexpensive decorations for Churches, Weddings, etc.  
Send 50c for full line of samples, with wholesale prices attached.

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1120 Arch Street, **PHILADELPHIA, PA.**  
Send for our new catalogue.

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We Manufacture all Our

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Use our **COLOR CHART** in describing them.  
**PRICE, \$1.00 POSTPAID.**

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This is the British Trade Paper, being read weekly  
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**Superior  
Crimped  
Invisible  
Carnation Staple**

(PATENT APPLIED FOR.)

For repairing split carnations, 1000 for 50 cents  
Postpaid. Sample free.

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POT MAKERS FOR 140 YEARS

WORLD'S LARGEST MANUFACTURERS

WRITE FOR CATALOG AND DISCOUNTS.

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Established 1785.

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## Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'FY

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## Standard Flower Pots

Porosity and Strength  
Unsurpassed.

Write for prices.

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## J. A. BAUER POTTERY CO.,

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LOS ANGELES, CALIF.

Carry a Large Stock of Nice Red Pots.  
All orders shipped promptly.

Largest Pottery on Pacific Coast.



## GEO. KELLER & SON,

Manufacturers of

## Red Pots

Before buying write for prices.  
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For sale by Wholesale Seedsmen, Florists  
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Price, \$1.00 per dozen by express. Sample  
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I. N. KRAMER & SON, Cedar Rapids, Iowa



Water Proof, Don't Break,  
Cost Little.

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AGENTS,  
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Shippers use them and save their customers many dollars  
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## Sterling Iron Reservoir Vases

Chairs, Settees, Hitching Posts, Etc.

Complete Catalogue and Discounts Upon Request.

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Is prepared by passing through a screen 1600 meshes to the square  
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all the articles we make for florists' use.

THE PETERS & REED POTTERY CO., ZANESVILLE, OHIO.

## CHERRY RED Standard Flower Pots



Prominent Florists and  
Managers of Public  
Grounds claim for our  
pots quality that excel.

It's in the clay. Use our  
pots and you will say  
as much. Prompt ship-

ments guaranteed. Prices right.

SEND FOR PRICE LIST.

The MT. GILEAD POTTERY CO., Mt. Gilead, O.  
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## Cast Iron Reservoir Vases.

Wholesale and Retail,

Washington Iron Works,  
BUFFALO, N. Y.

## Greenhouse Construction.

By Prof. L. R. Taft. Price \$1.50  
AMERICAN FLORIST CO.  
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## Standard Flower Pots!

Packed in small crates, easy to handle

| Price per crate              | Price per crate             |
|------------------------------|-----------------------------|
| 1500 2-in., in crate, \$4.88 | 144 6-in., in crate, \$3.16 |
| 1500 2 1/2 " " 5.25          | 120 7 " " 4.20              |
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Seed pans, same price as pots. Send for price  
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Baskets, Lawn Vases, etc. Ten per cent off or  
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Florist Specialties.

New Brand - New Style.

Hose "RIVERTON"

Furnished in lengths up

to 500 ft., without seam or

joint.

THE HOSE FOR THE FLORIST

1/2 inch, per ft., 15 c.

Reel of 500 ft., 14/20

2 Reels, 1000 ft., 14 c.

1/2 inch, 11 c.

Reels, 500 ft., 13/20

Couplings furnished.

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# THE AMERICAN FLORIST



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Vol. XXXVI.

CHICAGO AND NEW YORK, MARCH 18, 1911.

No. 1189

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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**SOCIETY OF AMERICAN FLORISTS AND  
ORNAMENTAL HORTICULTURISTS.**

OFFICERS—GEO. ASMUS, Chicago, President;  
RICHARD VINCENT, Jr., Baltimore, Md., Vice-  
Pres.; H. B. DORNER, Urbana, Ill., Sec'y; WM.  
F. KASTING, Buffalo, N. Y., Treas. Adjourned  
meeting at Boston, Mass., March 31-April 1,  
Second National Flower Show, Boston, Mass.,  
March 25-April 1, 1911. Chester I. Campbell,  
Manager, 5 Park square, Boston, Mass.  
Annual Convention at Baltimore, Md., August,  
1911.

**AMERICAN PEONY SOCIETY.**

Next annual meeting and exhibition June 1911.  
B. H. FARR, Reading, Pa., President; A. H.  
FEWKES, Newton Highlands, Mass., Secretary.

## THE GREAT National Flower Show,

**MECHANICS BUILDING,  
Boston, Mass.**

**March 25 to April 1, inclusive,**

**Under Auspices**

**Society of American Florists**

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Pea Society, Gladiolus Society, National  
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## SUGGESTIONS FOR PLANT GROWERS.

### Violets,

As the days grow longer and the sun stronger, the violet plants will begin to make active growth. Many growers wait until the time comes to throw out the plants before the propagation is done, and the plants divided, but the days are warm at that time of the year and the other kinds of stock are demanding attention and many of the young plants are lost. Besides, there is less chance of carrying over any fungous disease, if the plants are propagated from cuttings taken during February and March. The plants are now producing quantities of runners and these can be made into cuttings and placed in the propagating bench, where they will root in from three to four weeks and can be placed in flats about two inches apart each way. These cuttings will make fine stock for planting out in the early spring, and time will be gained by having good stock in fine condition when the plants are discarded during the busy days of April. The stock plants will require but little attention now but the blooms must be picked daily and as the sun grows brighter the flowers are apt to come light colored. A watering of liquid manure with soot added will help preserve the color and the flowers should be picked early in the morning. Give the plants plenty of air and watch the dry places for red spider and keep these spots sprinkled down.

### Marguerites.

The plants of marguerites that have been blooming all winter will now need some new nourishment, or they will grow hard and woody, and will produce nothing but short stemmed flowers. They should be given frequent applications of liquid manure. Cow manure is the best to use in liquid form for it never burns and is sure to give the desired result. Cuttings should now be taken for the spring stock, and also for the plants to be grown next season for flowers. Some growers who make marguerites a specialty always have a batch of cuttings in the bench, keeping a continuous crop of young plants growing all the

time, for they claim that they get the largest and best blooms off of the plants when in six-inch pots, and then when the flowers begin to grow small and the plant hard and woody they are discarded and the younger stock grown in their place.

### Plants for Window Boxes.

The window box is quite a factor with the grower of bedding plants, and they are placed in all locations, some with the sun beating down upon them all day, and others where the sun barely reaches them, or with a few hours' sunlight in the early morning or late in the afternoon. The boxes that are in the bright sunlight are an easy proposition, for the geranium or any of the blooming plants are nice subjects in these locations, but with the boxes planted in shady spots other varieties of plants must be chosen. Fuchsias and plants with variegated foliage are fine for these boxes. Vines of different kinds are a necessity. The first, of course, are vincas, and there is nothing that will so ornament a window box as large handsome plants of the variegated variety. These plants should now be beginning to make their growth and should be potted in good rich soil and placed along the edges of the benches where they can become fine plants. It is too late to make cuttings for this year's use, but any poor lengths can be cut up and placed in the propagating bench, and these planted in the ground next summer will make fine stock for next year. This propagating of the old wood is better done before firing has ceased. German ivy is another nice vine for window boxes, which should be now propagated. Thunbergias and nierenbergias are both good plants as well as the lobelia gracilis. Seed should be sown at once of all these, to have good sized plants in time to fill the boxes. Nasturtiums planted in pots the last of March or first of April are also very useful. Marguerites are very satisfactory plants in window boxes and cuttings rooted now will make fine plants by June for this purpose. Another good plant is Gaura Lindheimeri, sometimes called the butterfly plant. Seeds sown early and



potted off and pinched back when four inches high will be very useful in filling in and add to the effect of the arrangement. While this is not a showy plant yet its spikes of white flowers are quite an addition, and being a rapid grower is a cheap plant with which to fill in.

#### Chrysanthemums.

The grower of large chrysanthemum blooms, especially if for exhibition purposes, is now preparing to propagate the stock, and for the very early varieties preparations should now be also made. The advent of Golden Glow made a new proposition for the chrysanthemum grower. There have been some very handsome blooms of the variety grown ever since it was introduced, but there has also been large quantities of inferior flowers. To have blooms by September 1 the bud must be taken early in July and the cutting must therefore be rooted early, surely by April 1, in order to obtain the properly grown plant. Another variety that does better with early propagation is Miss Virginia Poehlmann. This variety will break a very good lot of cuttings when the stock plants first start to make their growth, but after this crop is taken off, is very slow to make a second lot, and if a quantity is desired the early propagation must be depended upon. To procure large, deep, well finished blooms the March struck cuttings give the best results, but there must be plenty of head room in the houses to grow plants propagated so early. In the growing of the medium sized or commercial blooms of nearly all the varieties April and May struck cuttings are early enough. The stock plants should now be looked over and if growing rapidly the tops taken off and they will branch out and give a bountiful supply of cuttings when wanted.

#### Centaurea Moschata and Cyanus.

The sweet sultans, *Centaurea moschata* and bachelor's buttons, *C. cyanus*, are being grown extensively now and are greatly appreciated by flower lovers. There are many beautiful varieties of the sweet sultan and great improvement in this flower has been noted in the newer strains placed upon the market and are a great addition to the spring flowers. Seed may be sown at any time, but if sown now the plants will be in bloom in late spring and will fill in a place when many of the winter flowers have passed. The bachelor's button or cornflower has been used a great deal of late for boutonnieres and is extremely popular in some sections. The dark blue is the only variety worth growing and is very useful after the violet is through blooming in late spring, coming at a time when blue flowers are very scarce. The seed should be sown at once and planted out in a bench and as long as the cool nights last some very handsome flowers can be cut which will find favor at that season of the year. It is yet a little early for seeds of these flowers for the outdoor planting to be sown, but still better blooms are obtained before the hot days of summer come on and the sowing for plants for this purpose should not be delayed too long.

NORFOLK, VA.—Mrs. M. S. Williams and W. P. Cotton have formed a co-partnership to carry on a floral business under the firm name of the W. P. Cotton Floral Co., at 327 High street.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

#### Basket of Orchids and White Lilac.

The beautiful basket composed of *Cattleya triana*, *Dendrobium* noble, *Vanda cœrulea* and white lilac which we illustrate was arranged by Canger & Gormley, of Chicago, and is a splendid example of the artistic work which can be arranged with these exotics which lend themselves to such attractive work, and also of the designing of this firm which enjoys the patronage of much of the select trade of their city. Baskets of this character can be arranged for many purposes, this one being the centerpiece placed upon one of the tables at a large banquet, where it was greatly admired.

#### March Flowers in the New York Stores.

The month of March always brings joy to the heart of the retail florist, flowers get more plentiful and the spring flowering plants are available in quantity. Store windows of florists all over town have taken on a very spring-like appearance and they never looked more bright and dazzling with color than at the present time. Azaleas are numerous and they are the principle features in many large windows, with sometimes a few rhododendrons

baby rambler roses are also in, the white, pink and red are all being used, though in somewhat limited numbers. Hyacinths and tulips in pans are seen in great profusion, and what is there more spring-like than the always fragrant hyacinth? Crocuses also have been a feature in one Fifth avenue store and, though they may not be so showy as the hyacinths or tulips, they find many admirers always. Cinerarias in many dark shades are being used and those old favorites the primulas, in their several types, are always to be seen where show window space is limited and small plants have necessarily to be used. In orchids beautiful plants of *Cattleya triana* and *dendrobiums* are being used. These with background of *Cibotium Schiedii* and bordered with *Primula obconica* made a striking picture in a Fifth avenue store this week. Marguerites, spiræas, deutzia, prunus, besides the many choice ferns that are available, all tend to give the retailer a wide range of plant material for his display windows.

In cut flowers, March has not added much to the list over the previous month, that is, in variety, but when it comes to quantity, each day seems to just show an increase over yesterday and such, of course, is only natural for it is spring time and sunny days are the rule, not the exception. Probably the flower in most abundance



BASKET OF CATTLEYS, DENDROBIUMS, VANDAS AND WHITE LILAC.

Arranged by Canger & Gormley, Chicago.

intermingled. Some acacias are even being used for large effects in yellow, and wherever so utilized they stand out preeminently, their feathery foliage and yellow globular blossoms being always attractive. Some of the

is the narcissus. We have the Poeticus, Bauli, Von Sion, Golden Spur, Trumpet, Paper White and maybe others, and they are used in tremendous quantities. Next come the hyacinths, both Dutch and Roman, and

it is a fact, we believe, that although the former mentioned type may give heavier and more massive spikes and afford a range in color, they are not as preferable for cut flower purposes as are the Romans. Tulips also are very much in evidence. White, pink, red and yellow, all have their uses and immense quantities are available every day. Freesias are being used very extensively, and it is the pure white ones that have the preference at all times. It does not seem that those of a creamy white or pale yellow color are ever going to become very popular.

Sweet peas are coming in more variety as the month advances. There are some of a rather deep blue shade that are always appreciated when they can be had in quantity. Light lavender colors also are used extensively and of these there is an ample supply. It must not be forgotten, however, that the white sorts are in the greatest abundance. Of violets and myosotis there is plenty. The violet has come to be a great factor in funeral work, and that fact somewhat compensates for its decline as a flower for wearing purposes. The forget-me-not is only used for table work as a rule, consequently is rarely needed in very large quantities.

Among the cut orchids available are *Dendrobium Wardianum*, *Cattleyas Trianae* and *Schroederii*, a few *Odontofolium crispum*, a few *laelias*, a little *oncidium* and *zygopetalum*. The *cattleyas*, of course, constitute the bulk of the orchid supply. *Gardenias* are still the classy flower for average wear and they are not so plentiful as the retailers would wish. They are quite a luxury and come high. *Snapdragon* can now be had in quantity and what a grand thing it is for some kinds of work. M. A. Bowe used bunches of it at the end of each pew at a church decoration recently, and it made a hit with everybody and brought him very favorable notices from the daily press, a very rare thing, indeed, in this town. Cut sprays of *acacia* are a feature also this month. The supply, of course, is rather limited, as few growers care to devote the space necessary for this crop. *Lilac* we have in plenty, also *lily of the valley*, *lilies*, white and pink, and *callas*. *Daisies*, too, we have, both white and yellow, and among the odds and ends are *wallflowers*, sprays of *cerasus*, *clivias*, *amaryllis*, *strelitzia*, and maybe lots of things we have not seen.

Of carnations and roses, they, of course, are always with us. Just now, however, the *American Beauty* is quite shy. There are few to be had and much complaining thereof. The other roses, though, are all in crop and this spring sunshine is giving them added beauty every day. The carnation supply has probably doubled within the last ten days and everybody is glad, for not only carnations, but every other flower is now, or soon will be, coming in quantity, so that it will be possible to handle cut flowers at a fair profit, something, many of the retailers say, that has not been possible to do since January first owing to the continued scarcity of stock and the consequent prevailing high prices.

DANBURY, CONN.—Mrs. Nellie Hubbard-Mathewson, proprietor of the North street conservatories, opened an office and salesroom at 284 Main street March 4. The establishment will be called the Mathewson Flower Shop.



#### THE WORLD IN FLOWERS.

Designed by the Fleischman Floral Co. for the Funeral of the Late John J. Bohn, of the Hotel World Chicago. White Carnations Were Used to Show the Water of the Globe and the Land was Represented by Violets. Photo by J. W. Taylor, the Well Known Floral Photographer

#### American Carnation Society.

The reading of papers and all other unnecessary business has been eliminated from the program this year. It was deemed desirable to make the meetings short on account of the great amount of interesting and instructive displays in the show. Members will find enough in the show to occupy their full time. All the meetings have been set for the evenings to give the members opportunity to visit among the growers in the vicinity of Boston, without having to miss the meetings.

Notice:—The secretary will leave for Boston on Sunday, March 26. All mail which will not reach him by Saturday, March 25, should be addressed to him at Boston, in care of the Lenox Hotel, which will be A. C. S. headquarters. Entries can still be made for the show, but there will have to be added \$2.00 for each entry made, after March 18.

#### REGISTRATION OF NEW CARNATIONS.

By J. H. Leach & Son, North Easton, Mass.—Pink Supreme—Seedling X Boston Market; color flesh pink; size  $3\frac{1}{2}$  inches; habit similar to Fair Maid. Flower larger and fuller. Strong stiff stem. Does not split the calyx.

By Chas. Weber, Lynbrook, L. I., N. Y.—Brooklyn—Prosperity X Mrs. Thos. W. Lawson; color bright deep pink; size  $3\frac{1}{2}$  inches; habit same as Lawson, with foliage not quite so heavy. Free growing, very healthy, prolific, every shoot running to flower. Form of flower somewhat irregular, slightly fringed.

A. F. J. BAUR, Sec'y.

#### John F. Beyer.

John F. Beyer, 26 years old, junior member and secretary of the Beyer Floral Co., of South Bend, Ind., died Tuesday, March 14, at five o'clock. The funeral will be held at two p. m. Thursday, March 16, at the home in South Bend.



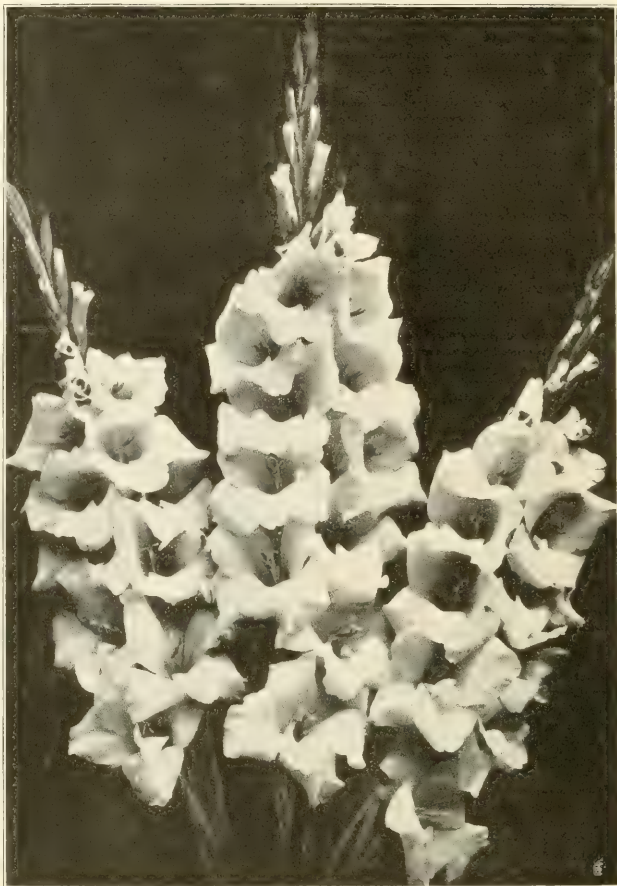
## Gladiolus Notes.

In trying out the new varieties of gladioli there are various things that have to be considered before passing final judgment. The change of climate and soil; the manner of fertilizing and cultivation, all have their influence in developing or retarding the blooming qualities, then there are varieties that do not bloom at their best ~~only~~ every other year. This is characteristic of many varieties after they have been grown from divisions for a few years. So it is much better, when possible, to get bulbs that are grown to blooming size from the bulbets. These young bulbs are much stronger, and nearly always produce good flowers under changed conditions of planting. Two years ago, I obtained in a collection from Vilmorin & Co., Paris, their variety *G. Parure*. It produced that year a rather weak plant with a short spike of insignificant pink flowers poorly set on the spike, but a very pretty shade of pink, and for this reason I saved the bulb and planted it last season, and when it came into bloom again I had the surprise of my life, for I can truly say that I beheld the most beautiful pink gladiolus I have ever seen. The flowers set perfectly on a splendid spike, very large soft pink, daintily penciled on the edge with carmine with a large pure white throat. *Le Triomphe*, a lilac pink variety, and *M. A. Brougniat* a large orange pink sort, are two other very fine *gandavensis* varieties offered by this house.

I received from Wilhelm Pfitzer, Stuttgart, Germany, about 60 varieties, a very excellent collection. Of these the following were particularly fine: *Jungfrau*, a very delicate pink with a most distinctive lavender tint, *Margot von Quaita*, a variety resembling *May*, but nearly double the size, *Helios*, a very large dark Canary yellow, almost solid color and *Frau Senger Bettaque*, a large pure white with a slight stain in the throat.

E. Y. Teas & Son, Centerville, Ind., sent me a splendid white variety, *Alice Carey*, that I would describe, very similar to *Frau Senger Bettaque*. Another variety from this firm that I liked very much is *Big Medicine*: rose color flaked yellow, very large and fine; C. L. Goodrich, the Luther, Iowa, specialist, is producing some remarkable Childs seedlings. The colors are clear and bright and the blendings exquisitely delicate. No. 183 is a large flower, measuring five to six inches across; a beautiful blending of lilac and lavender, with penciling on the edges of some of the petals. No. 1248 is a very large flower of a tint similar to *G. America* with a larger flower, although not quite so well arranged spike. No. 1528: white ground penciled crimson; dark red blotch in throat; flower about five inches in diameter.

I tested all of the novelties from John Lewis Childs and a fine quartette they were; especially good were *Pink Pearl*, a very beautiful pearly pink, as the name suggests, and *Rosy Spray*, a large white sort beautifully stained with rose. From their general list were *Melrose*, a large white flower, flaked pink with a bright crimson center. 1. S. Hendrickson, a beautiful mottling of white and bright pink and *Wild Rose*; delicate pink or rose shade, very fine. P. O. Coblentz, New Madison, O.,



GLADIOLUS EUROPA.

is doing good work as a breeder and his seedlings show great vigor with petals of good substance. He is producing some fine stuff. His No. 400 is a splendid light yellow with a bright red blotch and extra large flower. No. 531 is a beautiful ruffled pink. No. 42 a deep bright pink, almost solid color. *Nancy Ray* is a fine large white with a red throat marking. In a collection from E. E. Stewart, Rives Junction, Mich., there was a most beautiful variety No. 102. It was a delicate pink sort with ruffled petals. *Golden Queen*, the variety that won the prize at Rochester for the best yellow, did well with me. It is a clear light yellow with a red blotch, good straight spikes that do not get soft, or wilt in water, and the flowers open out to the last bud.

*Margaret*, offered by Vaughan's Seed Store, Chicago and New York, is one of the best reds of recent introduction. It is a bright carmine with a large pure white throat. *Mastodon*, a novelty of Vaughan's offered for the first time this year, is a seedling of *Principene* and a very striking and valuable variety of the giant flowering type. Another seedling of *Principene* is a variety named

*Principene*, raised by the W. E. Kirchoff Co., Pembroke, N. Y. This is one of the most brilliant scarlets I have seen. Very vigorous, large, well-open flowers with large pure white throat; of fine substance and has been shipped to Porto Rico in fine condition, proving its quality as a good shipper.

Montague Chamberlain, who is soon to establish as a commercial grower, has recently bought out a large collection of Kunder's hybrids. I am well acquainted with a large number of varieties in this collection and they are a splendid lot of gladioli. Improved 1900, one of the best, is, as the name implies, a real advance on the old 1900 and is a robust and healthy variety, a quality that was lacking in the old sort. Mr. Chamberlain has purchased a nice farm in Groton, Mass., where he will grow gladioli extensively. The farm is nicely located and the soil is well adapted to growing bulbs. Mr. Chamberlain is a well known ornithologist and is the author of several volumes on this subject. A man of strictest integrity and fine business ability, the floral trade will gain another good man.

L. MERTON GAGE.



GLADIOLUS AMERICA.

#### National Sweet Pea Society.

The programme of the meeting of the National Sweet Pea Society of America is as follows: Wednesday, March 29, at 2 p. m., meeting of the executive committee. At 3 p. m. the general meeting. President Asmus of the Society of American Florists will welcome the society, and President Burpee will reply. Prof. Beal will read an address on "Trials of Sweet Peas Under Glass as Tested at the Experiment Station at Cornell University." Prof. Craig will talk upon "Sweet Peas and the Results of Our Experiments at the Trial Grounds;" William Sim will make a short address upon "The Growing of Sweet Peas Under Glass;" C. W. Kerr will read a paper on "The Latest Novelties in Sweet Peas." Invitations by cities and societies to hold the next exhibition and convention to be held next summer.

Are you a member of the National Sweet Pea Society of America? If not, you should send for an application blank; the annual dues are \$2; life membership, \$25. By becoming a member you are entitled to the report of

the sweet pea trials of Cornell University, Ithaca, N. Y., where over 600 varieties were grown during the summer of 1910. These trials, which have been under the supervision of Profs. Craig and Beal, will be published in 1911, and will be a most comprehensive and exhaustive work, covering experiments with fall and spring sowing, and other valuable tests. For further information, write to the secretary, Harry A. Bunyard, 342 West 14th Street, New York.

MILWAUKEE, WIS.—City Treasurer C. B. Whitnall, the well known florist and park man, has been granted a divorce from Annie G. Whitnall.

DAYTON, O.—At a meeting of the Florists' Club, held March 6 at Mrs. J. F. Young's store on East Fifth street, the following officers for the ensuing year were elected: F. R. Mittman, president; A. E. Schmidt, vice-president; Horace M. Frank, secretary; George Bartholomew, treasurer. A social will be held at the residence of J. F. Young and wife April 3.

#### American Rose Society.

Entries for exhibits have been received from Murray Hill and Princeton, N. J., in addition to those already mentioned, and inquiries are coming in from various quarters. The following gentlemen have accepted the positions of judges for one division: William F. Kasting, Buffalo, N. Y.; Frederick Burki, Gibsonia, Pa.; Otto G. Koenig, St. Louis, Mo., and Emil Buettner, Park Ridge, Chicago. The American Rose Society is a national society, enrolling its members from Germany, England, and the United States and Canada from the Atlantic to the Pacific, so we have representative men for the positions.

The program provides for three meetings, the "Commercial grower's meeting," the "Business meeting," and the "Amateur rose grower's meeting." President Elliott is very much in earnest about making these meetings interesting. Eber Holmes is the manager of the show, and will look after all the details. Any one having any special prizes to offer, dues to pay, or other matters of interest, write to the secretary, Benjamin Hammond, Fish-kill-on-Hudson, N. Y.

To the special prize list for exhibits at the coming show to be held in the Mechanics hall, Boston, Mass., March 25-April 1, are to be added the following: By Alexander Montgomery, Natick, Mass., a silver cup, valued at \$25, for the best new rose of American origin of 1909-1910; by the Toronto Horticultural Society of Toronto, Can., two prizes, a silver medal, first, and bronze medal, second, for the best specimen of hardy climbing roses, and in judging fragrance is to count 33 points. The idea of the society is that, for out-door roses, fragrance adds very greatly to the value and is a desirable object. Eber Holmes, of Montrose, Mass., manager of the show, writes that everything is going on finely and that vases for the cut flowers will be furnished. Thomas Roland, of Nahant, Mass., will make an exhibit of a rose garden and M. H. Walsh of Woods Hole, Mass., a display of pot roses.

Tickets will be issued to the members of the American Rose Society, who do not belong to the Society of American Florists. These tickets will not be transferable.

BENJAMIN HAMMOND, Sec'y.

HOLLYWOOD, CALIF.—The Cocos & Kentia Co. are erecting a greenhouse, 36x60 feet.

HOUSTON, TEXAS.—W. W. Coles, who has been prospecting on his orange ranch for some weeks, leaves for San Antonio this week and expects to be at home in Kokomo, Ind., about March 24.

RICHMOND, VA.—In the test case which was brought against J. D. Hooper in the effort to prevent the florists from disposing of their product on the street at the market, the court decided that the market committee had no case and dismissed the charge.

GOVANSTOWN, MD.—Stevenson Bros., the noted rose growers of this place, have purchased a piece of property at Towson and are preparing to erect a range of rose houses thereon. An iron frame Lord & Burnham house 43½x206 and a connecting house 12x42½ will be built this spring. They will continue the plant here, where they make a specialty of Killarney, White Killarney and Richmond roses, for the next two years.



### The Jos. Heacock Co., Roelofs, Pa.

For several years past it was seen that the Heacock greenhouses were being taxed to the limit, alterations were made, the space between the houses was taken in and every foot of ground covered, but the cry was for more room, the business was growing, the stock was going out faster than it could be produced and something had to be done to meet the demand. Mr. Heacock, the president of the company, is an energetic and progressive business man, next year with him must always be better than the last. Palms are a specialty here, kentias particularly being grown in quantity, so much room had been given to them of late that roses, which were also leaders,

center of the house in two large mains, and distributed to the smaller pipes which run along the sides of the house and along the sides of the beds, being attached to the curbs. To the upper end or half of the house the steam is first carried in the main, and there distributed to the radiating pipes so as to get the slight fall to carry back the condensation. The steam is worked on the vacuum system, there being no air valves, a provision being made in the condenser for the escape of any air that accumulates. The steam is generated by two return tubular boilers five feet six inches by sixteen feet, pressure is kept at seventy pounds. The fuel is buckwheat coal, which is the cheapest good coal to be obtained, costing something less than seventy cents

modious boiler house, in which provision is made for another battery which may be needed for future expansions of the place. A house similar to the present structure is, we believe, contemplated in the near future. With such an efficient plant one expects good stock, and with one accord it is acknowledged by the buyers that the white and pink Killarney roses that are produced here are better than anything else coming to this market.

Other improvements have been made to the farm in the shape of a large barn in which are housed twelve cows and about fifty hogs, it being the intention to produce all the manure necessary for use in the houses. A commodious house has also been erected for the foreman. The location of the farm is admirable, and the construction of the greenhouse and heating under the supervision of the Lord & Burnham Co. is a great credit to that noted firm. Mr. Heacock should also come in for his meed of praise, for such an establishment so extensive as this is not brought to such perfection without careful planning and arranging for every detail. K.

### National Flower Show Programme.

The programme for the Meeting and the Second National Flower Show at Boston, Mass., March 25-April 1, 1911.

Monday, March 27.

Opening Session.

SOCIETY OF AMERICAN FLORISTS.

First Day, 10:30 a. m.

General Meeting for the Opening of

the Convention.

Welcome by President Asmus.

Welcome by Boston Florists.

Afternoon Session.

AMERICAN ROSE SOCIETY.

First Day, 2:30 p. m.

Call to Order by President W. H. Elliott.

Address by President.

Secretary's Report.

Treasurer's Report.

Reports of Committees.

Evening Session.

AMERICAN ROSE SOCIETY.

First Day, 8:00 p. m.

Paper . . . . . August Poehlmann, Morton Grove,

Ill.

Paper, "The Science of Rose Grow-

ing" . . . . . W. R. Pierson, Cromwell, Conn.

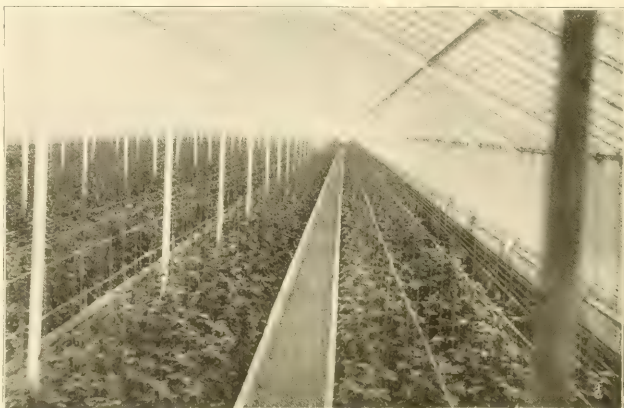


JOS. HEACOCK CO.'S NEW GREENHOUSE AND BOILER HOUSE AT ROELOFS, PA

were being crowded out and it was finally determined to devote the entire space at Wyncote to palms and orchids, which latter flower have of late been given considerable attention, and new houses should be built for rose forcing. For this purpose a farm of fifty-seven acres at Roelofs, on the New York division of the Reading Road, was purchased, and the Lord & Burnham Co. was given the order for one of their most modern iron frame structures, 600 feet long and 55 feet six inches in width. This is a model house in every respect, the shadeless ridge is twenty-three feet high, a three-foot cement wall is surmounted with three feet six inches of glass which contains a row of side ventilation. There is also a continuous row of sash ventilators on either side of the ridge. The house runs 14 points north of east and has a fall of only thirty inches in its entire length. There is very little drainage, being but two three-inch drains three feet below the surface the full length of the house.

A walk or division of eight feet across the center of the house gives a working space from which nine four-foot beds extend to each end of the house, these are separated by twenty-inch walks, each bed is bordered with a two by 12-inch curb is set about four inches in the ground. In the ends of the curb iron pipes are imbedded, level with the top, into which are placed smaller iron pipe that carry the wires which run the length of the house and to which the rose stakes are attached with Court's patent fasteners. There are 8,000 pink Killarney, 5,000 White Killarney and 300 Richmond roses growing in these beds and all are the picture of vigor and health. The heating is by steam and is brought into the

at the mines. A blower, working automatically, keeps a forced draft under the furnaces on any reduction of the pressure. The water is supplied from an artesian well which was sunk 200 feet in depth, and in which the water rises to within ten feet of the surface. A pump attached to the well is connected with the steam pressure so that whenever a spigot is turned on, the pump is immediately in action, there is no tank or reservoir, none being necessary. There is a smaller auxiliary boiler for use of the pumps during the summer. The whole heating plant is on the surface of the ground and covered with a finely constructed and com-



KILLARNEY ROSES AT JOS. HEACOCK CO.'S ROELOFS, PA.

Tuesday, March 28.

Morning Session.

AMERICAN ROSE SOCIETY.

Second Day, 10:30 a. m.

Selection of Place of Meeting 1912.

Election of Officers.

Discussion of New Roses, to be

Opened by Prominent Rosarians.

Miscellaneous Business.

Afternoon Session.

NATIONAL SWEET PEA SOCIETY.

Second Day, 2:00 p. m.

Meeting of Executive Committee.

AMERICAN ROSE SOCIETY.

Second Day, 2:30 p. m.

Papers by

Richard Vincent, Jr., White Marsh, Md., upon his trip to Brussels Exhibition.

"Sweet Peas and the Results of Our Experiments at the Trial Grounds".....Prof. Craig  
 "The Growing of Sweet Peas Under Glass".....Wm. Sim  
 "The Latest Novelties in Sweet Peas".....G. W. Kerr  
 Invitations by Cities and Societies for Meeting Place for the Exhibition and Convention Next Summer.

Evening Session.

AMERICAN CARNATION SOCIETY.

Third Day, 8:00 p. m.

Call to Order.

Deferred Reports.

Deferred Business.

Selection of Meeting Place for 1912.

Discussion of President's Address

and Secretary's Report.

New Business.

Appointment of Committees.

Election of Officers.

Report of Exhibition Committee.

Report on Boston Show.

Report on Baltimore Show.

Report of Committee on Nomenclature.

Report of Exhibition Committee on Rules Governing the Awarding of "Certificates of Merit" and Suggesting a "Scale of Points" to Use in Judging.

New Business.

Discussion, "What Action Shall Our Society Take When the Same Name Has Been Given to Several Different Varieties of Gladioli and When Different Names Have Been Given to the Same Variety," Opened by A. Cowee, Berlin, N. Y.

NATIONAL SOCIETY OF GARDENERS.

Evening Session.

Fourth Day.

In the hands of Boston Florists.

Friday, March 31.

Morning Session.

SOCIETY OF AMERICAN FLORISTS.

Fifth Day, 9:00 a. m.

President's Address.

Report of the Secretary.

Report of the Treasurer.

Preliminary Report of National

Flower Show Committee.

Miscellaneous Business.

Afternoon Session.

SOCIETY OF AMERICAN FLORISTS.

Fifth Day, 2:00 p. m.

Ten Minute Talks by Presidents of

Various Societies:

George Asmus, President S. A. F.

Fred Burki, President A. C. S.

W. H. Elliott, President A. R. S.

Elmer D. Smith, President C. S. A.

W. Atlee Burpee, President N. S. P.

A.

I. S. Hendrickson, President A. G. S.

J. A. Valentine, President F. T. D.

William Kleinheinz, President N. S. G.

Evening Session.

SOCIETY OF AMERICAN FLORISTS.

Fifth Day, 8:00 p. m.

Illustrated Lecture, "Trees, Shrubs

and Flowering Plants".....

John Dunbar, Asst. Supt. of

Parks, Rochester, N. Y.

Saturday, April 1.

Morning Session.

SOCIETY OF AMERICAN FLORISTS.

Sixth Day, 9:00 a. m.

Unfinished Business.

Adjournment.



EXTERIOR VIEW OF JOS. HEACOCK CO.'S NEW GREENHOUSE ROELOFS, PA.

Thursday, March 30.

Morning Session.

AMERICAN CARNATION SOCIETY.

Fourth Day, 9:30 a. m.

Call to Order.

Final Report of Judges.

Deferred Business.

Adjournment.

Afternoon Session.

AMERICAN GLADIOLUS SOCIETY.

Fourth Day, 2:00 p. m.

Reading of Minutes of Last Meeting.

Report of Officers.

Report of Bulletin Committee.

Rev. Spencer S. Sulliger, Vancouver, Wash., special representative at the National Rose Exhibition held in London, England.

Address by W. G. MacKendrick, Toronto, Can.

Unfinished Business.

Evening Session.

AMERICAN CARNATION SOCIETY.

Second Day, 7:30 p. m.

Call to Order.

President's Address.

Secretary's Report.

Treasurer's Report.

Report of Nomenclature Committee.

Miscellaneous Business.

Invitations for 1912 Meeting.

Nomination of Officers.

Short Talks on the American Carnation in Europe by Visitors From Abroad.

Report of Judges.

Wednesday, March 29.

Morning Session.

CHRYSANthemum SOCIETY OF AMERICA.

Third Day, 10:00 a. m.

Call to Order.

Discussion of Questions of Day.

Miscellaneous Business.

FLORISTS' TELEGRAPH DELIVERY.

Third Day, 10:00 a. m.

Business Meeting.

Afternoon Session.

FLORISTS' TELEGRAPH DELIVERY.

Third Day, 2:30 p. m.

Business Meeting.

NATIONAL SWEET PEA SOCIETY.

Third Day, 3:00 p. m.

Welcome by George Asmus, President S. A. F.

President's Address and Reply.

"Trials of Sweet Peas Under Glass as Tested in the Experiment Station at Cornell University".....

.....Prof. A. C. Beal



CENTRE WALK IN JOS. HEACOCK CO.'S NEW GREENHOUSE, ROELOFS, PA.

Showing Arrangement of Beds and Piping.



### Inspection of Dreer's Plant at Riverview.

Responding to the kind invitation of the Henry A. Dreer management about 100 representatives of the trade, mostly from Philadelphia and suburbs, but with quite a few from Washington, Baltimore, New York and even as far as Boston, visited the latest addition to the establishment of this enterprising firm. The trip was made by special train from Market street wharf direct to the greenhouses, at which a new station is soon to be established and will be called Riverview.

The houses are built on an almost level piece of ground, are 20 in number, 203 feet in length. They are divided in the center by a shed or working house. A great feature of this establishment was the very short time which was taken in its construction. The ground was purchased in June, the contract awarded and the construction commenced September 6 and the buildings completed in the early part of January. The King Construction Co. were the contractors and this example of their work is a great credit to them, and when one considers the very short time in which was completed the houses and the installation of the heating apparatus, all of which was included in the contract, it can safely be said that it is one of the quickest and best examples of its kind to date.

The entire establishment is now filled to the doors with stock under cultivation; there were houses of dahlias, houses of ferns, others of palms, splendid stock, kentias galore, and a grand lot of Phoenix Robellinii, surely a coming favorite. A center table in one house, planted its entire length with variegated pineapple, was possibly the largest lot of this beautiful plant ever seen together in this country. Several of the houses are filled with dormant roses in 6-inch pots. This stock is a specialty with this concern and large quantities, reaching into the hundred thousands, are sent out annually. The large shed, with its wealth of bay trees, reminded one of a Belgian nursery, there being hundreds of these popular plants, from large, beautiful specimens down to the smallest commercial sizes. In one end of the shed

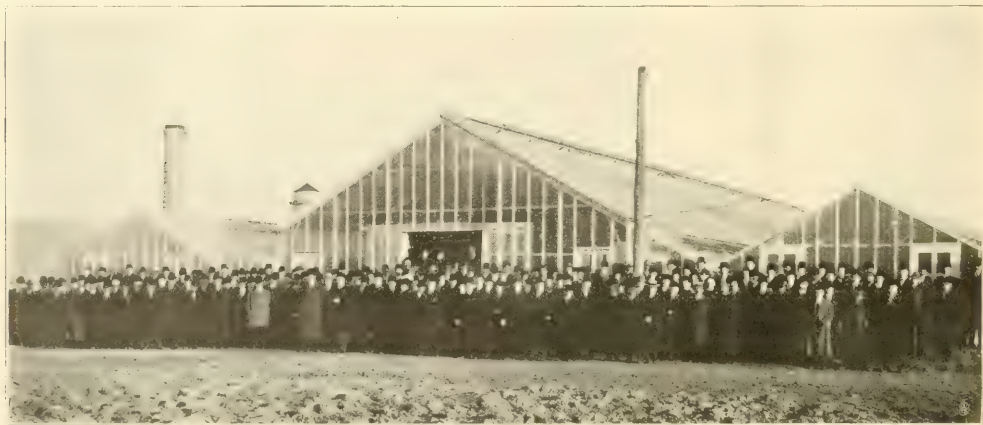
had been placed tables upon which were spread appetizing things for the inner man, and after the inspection of the houses the company was invited to "eat, drink and be merry," which they did in right royal fashion. After the cigars had been passed around, Robert Craig was called upon and in behalf of the visitors thanked the officers of the corporation for their hospitality and the opportunity granted its guests of seeing this new addition to their already large establishment. He compared the present methods of heating and greenhouse construction with those of but thirty years ago, when houses were built and heated separately, the furnace being six feet below the surface and the stoke hole so small that one could scarcely turn around in it, and was always in danger of barking his knuckles on the walls of the narrow space. Brick flues had given way to 4-inch hot water pipes, which was considered a great innovation; these had in turn given way to steam and a central heating plant, and now the use of power to insure a perfect circulation of both hot water and steam, as was seen here, was almost perfection. In the old days houses were built by the local carpenter or the help of the place. Now one could go to the telephone and order from the greenhouse specialist a range of glass such as this, and work is started immediately. The erection of this addition of such magnitude he considered a great achievement and a great credit, both to the Dreer corporation and the King Construction Co., who had finished both the heating and completed the construction in the short period of three months in the middle of winter when the weather is most unfavorable for outside work. Otto Thilow, who had introduced Mr. Craig, read a telegram from William F. Dreer, the president of the company, who is in California, in which he sent his congratulations on the completion of the work in such a short space of time and his greetings to the visitors. Mr. Thilow, in extending the glad hand to the visitors, said that the working organization of the place might well be likened to the heating apparatus, the boilers, the pipes, the pumps and the engines,

which all did their share of the work admirably, but to Mr. Eisele must be given the great credit, for he was as the fire under the boiler, the living and untiring force of the entire system. Just before departure a group photograph of the party was taken with the greenhouses as a background. As the train was boarded for the return, three rousing cheers for the corporation and its officers were given with a will. K.

[Extended descriptive particulars of this new plant, with illustrations, will be found in last week's issue, that of March 11, pages 298 and 299.—Ed.]

### New York Florists' Club.

Promptly at eight p. m., March 13, President J. B. Nugent, Jr., called the members to order, almost 80 being present. After the reading and adoption of the minutes of the previous meeting P. O'Mara, for the legislative committee, reported that he, together with F. R. Pierson and other members of the trade from Buffalo and Rochester, had been before the ways and means committee at Albany, who have charge of the bill calling for the appropriation of \$50,000 for building greenhouses. They also conferred with Gov. Dix and, unless the legislative body at Albany develops an economical streak, there is a fair chance of the bill going through favorably. Chas. H. Totty mentioned that in New Jersey the bill for appropriating \$30,000 to be used for building greenhouses at New Brunswick, N. J., had been passed by the legislative body of that state. Chas. E. Weathered, for the dinner committee, announced that the seating capacity of the dining room at Shanley's had been sold, every seat being taken. Robert L. Young, for the outing committee, reported that the day for the excursion would be June 28. The steamer Isabel had been chartered and that Witzels Point, L. I., would be the place. There will be no programme of the outing published, so members will not be importuned to take advertising space, but prizes for children's and ladies' events will be desired. Tickets will only be sold to club members, though each member may purchase as many as he wishes. The recommendations of the outing committee were fully approved and endorsed by the



INSPECTION PARTY AT DREER'S NEW RANGE, RIVERVIEW, N. J. MARCH 8.



BANQUET OF THE GREATER NEW YORK FLORISTS' ASSOCIATION, MARCH 9, 1911.

club on motion, after some discussion participated in by Messrs. O'Mara, Birnie, Schultze, Marshall, Bunyard and Weathered. W. F. Sheridan presented resolutions on the death of Mrs. E. C. Horan, which were adopted, and the secretary instructed to send a copy to the family of the deceased.

Frank McMahan said a few words relative to the injurious effects to trees and shrubs by gas escaping from wrought iron pipes, which are being used instead of cast iron pipes for mains in some districts and, after some discussion, the matter was placed in the hands of the legislative committee, with request to report at the next meeting. H. A. Bunyard announced that the Fall River line of boats had been selected as the official route to Boston to attend the national show. A rate of one fare and three-fifths would rule for the round trip on the certificate plan. It was expected that the largest delegation would leave March 24 at 5:30 p. m. from the pier, foot of Murray street.

W. H. Siebrecht, Jr., who has been active in seeking a permanent market location, announced that the board of aldermen had passed the necessary measures for using the space under the Fifty-ninth street bridge, and that by September next the place will be ready for occupancy. In the meantime a temporary market for plant growers will open April 1, under the same bridge, but a few blocks from the river. Resignations were accepted from Fred. Weir, U. G. Scollay, Alex. Don and M. A. Bowe. J. J. Brozat, W. E. Tricker, C. Knight and S. Whitefield were elected to membership.

P. O'Mara, F. H. Traendly and J. A. Shaw were appointed a committee to meet the group of English growers that are expected March 17 and bring them to the club dinner as guests of the club on the evening following.

A. L. Miller, for the award committee, reported that the carnation Woden-

eth had been examined at Chas. H. Totty's establishment, Madison, N. J. The flower scored 93 points and was awarded the club certificate. Also the carnation, Miss Dimple Widener, had been examined at Ogontz, Pa., grown by Wm. Kleinheinz, which scored 88 points and was awarded the club certificate also.

An exhibition of 21 vases of sweet peas from A. Zvolanek, Bound Brook, N. J., contained many very pretty unnamed varieties, seedlings of the Spencer type. A certificate of merit was awarded for Spencer seedlings. A similar award to variety Helen Lewis, and the thanks of the club for Unwin seedlings. A strain of seedlings classed as the Wallace type, were also awarded a certificate of merit. The Cottage Gardens Co. showed two carnations, No. 513, a deep pink, and Howard Gould, cerise pink; both large flowers and each received preliminary certificates. Wm. Eccles received cultural certificate for vases of well-grown Alma Ward and Beacon carnations. Chas. Weber, Lynbrook, L. I., showed two new carnations, Brooklyn, scarlet, and No. 2, a pink, which were highly commended by the committee. Lewis P. Lord, Minneapolis, Minn., received a certificate of merit for Lord's frost-proof plant box, which he exhibited and demonstrated. The box is so made that single plants are enclosed, the box folded simply, yet so secure that the plant cannot move about, however roughly the box is handled.

Five minute talks were given by several members. A. L. Miller told why florists should attend the National Flower Show; John Birnie told of the advantages to be derived from a plant market; H. A. Bunyard made a plea for the National Sweet Pea Society; I. S. Hendrickson explained how the gladiolus can become more popular as a florist's flower; James T. Scott told why florists should not take more in-

terest in the nursery trade, and H. Turner, who has just returned from a visit to England, told of the open climate experienced there during the winter months. The canteen was enjoyed during a short recess and at 11 p. m. the meeting adjourned.

### Greater New York Florists.

#### DINNER AND DANCE.

The first annual dinner of the Greater New York Florists' Association, which took place at "Raubs" restaurant, 14 Nevins street, on the evening of March 9, was one of the pleasantest and most successful social events in the trade that ever was held in this borough. Upwards of eighty persons sat at the tables and there was quite a sprinkling of beautiful and fashionably gowned women among them and many of the men were in full dress. Brooklyn is certainly all there when it comes to class. The dinner tables were charmingly adorned with cut flowers and palms and southern smilax had been freely used in transforming the dining room into a tropical garden.

About 11 p. m., when the good things as set forth on the menu card had been enjoyed, the president, D. Y. Mellis, made an address of welcome and followed by inviting everybody to the ball room, where an orchestra played for dancing until the morning hours. Between the dances short talks were indulged in. Mr. Mellis, acting as master of ceremonies and introducing the different speakers. Mrs. J. V. Phillips, president of the Ladies' Auxiliary of the S. A. F., made a strong plea for the ladies to become members of that society and no doubt gained many recruits. Among others who were called upon were J. B. Nugent, Jr., A. L. Miller, J. V. Phillips and S. S. Butterfield, the AMERICAN FLORIST representative.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,**  
324 Dearborn St., CHICAGO.

**THIS ISSUE 56 PAGES WITH COVER**

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GERANIUMS are exceedingly scarce in some sections.

RENEW subscriptions promptly so that no copies of the papers may be missed.

A HEAVY fall of snow and freezing weather in Texas is reported as having damaged fruit trees.

DOUBLEDAY, PAGE & Co., publishers of Country Life in America and the Garden Magazine, have issued invitations to their horticultural friends for a reception and dinner at Garden City, Long Island, March 23.

## Correction.

The prices quoted in the advertisement from P. O. Box 453, Palo Alto, Calif., in our last issue for echeverias, fleur de lis and violets were by the thousand and for Shasta daisies, gail-lardias and tuberoses by the hundred.

## Society of American Florists.

By order of the president, notice is hereby given that the mid-lent meeting of the executive board of the Society of American Florists will be held at Boston, Mass., from March 25 until April 3 with an adjourned meeting to be held at Baltimore on April 4. Meetings are called at Boston for 9 A. M. each morning from March 25 to April 3 inclusive. The meeting at Baltimore is called for 10 A. M. on April 4 and will remain in session until all business is disposed of.

## SPECIAL RATES TO BOSTON.

A special rate of 1-3/5 on the certificate plan has been granted by the New England Passenger Association excepting Eastern Steamship Co., the Trunk Line Association, and the Central Passenger Association. Tickets may be secured not earlier than March 22 and not later than March 27 and will be good returning to April 5, inclusive. In securing your tickets purchase a regular full one-way first-class fare and be sure to ask for a certificate. No reduction in fare will be made unless a certificate be secured at the time of the purchase of the ticket.

Immediately upon your arrival at Mechanics Hall present your ticket and 25 cents to the secretary S. A. F. A fee of 25 cents is charged for each ticket validated. Certificates will be signed by the agent on March 26, 27 and 28 and at no other time.

When returning, certificates should be presented at the railway ticket office and a ticket at three-fifths (3/5) of the regular fare will be furnished you.

For those living west of Chicago and St. Louis, tickets should be bought to those cities from which points tickets may be secured at the reduced rates. It will be well to confer with your agent concerning rates and routes.

There will be no hotel headquarters for the S. A. F. at this convention.

## HEADQUARTERS.

The offices of the secretaries are in Mechanics building.

New Members.—Those desiring to become members of any of the societies should apply at the offices of the respective secretaries.

Paying Dues.—Dues may be paid and orders for members' tickets obtained at the office of the respective secretaries.

Railway Certificates.—Railway certificates should be deposited with the secretary of the S. A. F. immediately upon arrival at Mechanics building. The fee of 25 cents must be paid when certificate is deposited. Certificates will be signed by the agent from 9 a. m. to 6 p. m. on March 27, 28 and 29. No certificate will be signed before or after these dates. Certificates must be called for before 11 a. m. March 31.

The office of the National Flower Show committee is in Mechanics building. Chester I. Campbell, manager of the show, is in charge. All business connected with the Flower Show should be presented there.

Members' Tickets.—Orders for members' tickets must be presented to the committee in charge of admission and exchanged for regular tickets. All orders and tickets in hands other than the owners will be taken up and cancelled.

Register.—All members of the S. A. F. and affiliated societies should register with the secretary of the S. A. F. so that a record may be kept of the attendance and so that members may be located when asked for.

H. B. DORNER, Sec'y.

## National Council of Horticulture.

We are in receipt of the season's first installment of articles issued by the press agent for the National Council of Horticulture as follows: "Preparing for Flower Garden," "Hotbed Hints," and "Spring Work Among Shrubs." The articles are timely and practical and are entirely free to nurserymen, seedsmen, florists and local editors applying for them to James H. Burdett, 1620 West 104th Place, Chicago.

## Chicago to Boston.

The Chicago Florists' Club has decided to use the Lake Shore & Michigan Southern Railway on the National Flower Show trip to Boston and arrangements have been made with that company for a special section of the Lake Shore Limited to leave Chicago 5:30 p. m. Thursday, March 23, due in Boston the following evening at 8:30, provided a sufficient number of requests for reservations are received to warrant a special section; otherwise the party will be accommodated in special sleepers attached to the regular Lake Shore Limited, leaving and arriving at the same hours as above quoted.

The rate for the trip is one and three-fifths fare on the certificate plan, which means \$22 going and \$13.20 returning, or a total of \$35.20 for the round trip. Don't fail to ask for certificate at time of purchase. The selling dates are March 22 to 27 inclusive, final return selling date April 5. Passengers from western points should purchase to Chicago only and repurchase here, as no special rates are authorized west of Chicago. Pullman rates: Lower berth, \$5.50; upper berth, \$4.40; compartment, \$15.50; drawing room, \$20.00.

Sleeping car reservations should be made at the earliest possible moment by communicating with G. K. Thompson, General Agent Passenger Department, Lake Shore & Michigan Southern Railway, 180 South Clark street, Chicago. Telephone, Harrison 7600.

## Cleveland to Boston.

The Cleveland Florists' Club will have a special car, Cleveland to Boston, and everyone is invited to join the members on this Lake Shore & Michigan Southern train, leaving the Union Station, Cleveland, Friday, March 24, at 7:40 p. m., and arriving in Boston at 3:40 p. m. March 25. The rate secured is 1 3/5 fare for the round trip on the certificate plan, that is \$14.20 going and \$8.52 returning, or a total of \$22.72 for the round trip. Be sure and ask for certificate when purchasing ticket, lower berth \$3.50, upper berth \$2.80. Reservations should be sent in early to Frank A. Friedley, Rocky River, O.

## New National Flower Candidate.

Mary Garden and Lawrence Durand have won the fight to have catnip adopted as the national flower—congress willing. A little catnip, please. —Chicago Journal.

## Meetings Next Week.

Boston, Mass., March 21.—Gardeners' and Florists' Club of Boston, Horticultural Hall, Detroit, Mich., March 20, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
Grand Rapids, Mich., March 20.—Grand Rapids Florists' and Gardeners' Club, office of member.

Hartford, Conn., March 24, 8 p. m.—Connecticut Horticultural Society, County building.  
Montreal, Que., March 20, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guards building, 211 Sherbrook street west.

New London, Conn., March 22.—New London County Horticultural Society, Ellis' hall.  
Providence, R. I., March 20, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.

Salt Lake City, Utah, March 21.—Salt Lake Florists' Club, Hoddart Floral Co., 114 East Second South street.

Seattle, Wash., March 21.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.

St. Paul, Minn., March 21, 8 p. m.—Minnesota State Florists Association, 50 Snelling avenue north.

Toledo, O., March 22.—Toledo Florists' Club, Toronto, Ont., March 21, 8 p. m.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

Winnipeg, Man., March 22.—Winnipeg Florists' Association.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As rose grower, 18 years' experience; reference furnished everywhere.  
J. L., care R. T. McGovern, Natick, Mass.

**Situation Wanted**—Gardener, 34 years of age, married, no children, life experience in greenhouse cultivation also landscape.  
Key 414, care American Florist.

**Situation Wanted**—As florist or gardener; as assistant or single handed; 12 years' experience; Englishman, age 27, single; excellent references.  
BURTON 317 1/2 South Fourth St., Richmond, Ind.

**Situation Wanted**—As foreman by a practical grower of cut flowers and plants in a modern place, capable of taking entire charge; a life experience; single; references O. K., F. L., 59 W. Ontario St., Chicago.

**Situation Wanted**—As gardener and florist on a private estate by a single young man. Good at landscape work and with flowers; 3 years experience. Good references. Address  
WILLARD COATES, East Aurora, N. Y.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address  
Key 394, care American Florist.

**Situation Wanted**—Gardener, German married, age 33; life experience in landscape work and greenhouse cultivation; wishes position as foreman on first class private or commercial place.  
JULIUS BAUER, Rochester, N. Y., Ulster Co.

**Situation Wanted**—By young man, 26, German, single with experience in decoration and making up designs; also help in greenhouses; wages in first letter. Address  
F. F., care of Jos. Zlamany, Bower Ave., Winfield, L. I. N. Y.

**Situation Wanted**—By experienced seed salesman to the trade who can also fill any inside position; young, single and can give best reference; position calling on trade in central states preferred. Address  
Key 398, care American Florist.

**Situation Wanted**—By gardener, Scotch, married, age 49; life experience in greenhouse, fruit, vegetable and general estate work; can grade and lay out grounds; one year in U.S.; wishes private place. New England preferred. Address  
Key 399, care American Florist.

**Situation Wanted**—Position as working foreman in up-to-date place, wholesale or retail, by practical grower of first-class stock; life experience; exceptional references; middle-aged, married. Address  
J. HODGE, 712 Greendale St., Meadville, Pa.

**Situation Wanted**—As a grower of cut flowers and plants in general; life experience; capable of taking charge; state of Washington or Oregon preferred. Please state full particulars in first letter when writing. Address "Florist," 214 S. Washington, Spokane, Wash.

**Situation Wanted**—Commercial or private place; young man thoroughly qualified in all lines of commercial floriculture and private gardening is open to engagement. Experience in Sweden, Germany and Canada; single; with excellent references. G. LUNGBERG, 110 Weber St., Berlin, Ont., Can.

**Situation Wanted**—On private place or institution to take full charge, by one who understands all about trees, shrubberies, flowers and vegetables; have life experience and with the very best of reference; middle age, married; no children; please state wages.  
Key 411, care American Florist.

**Situation Wanted**—Working foreman, strictly sober, age 38 single, German, hustler, with 24 years' practical experience in roses, carnations, mums, fancy pot plants for Christmas and Easter, quick designer and decorator, landscaping etc., first-class references; please state full particulars in first letter; Pennsylvania preferred. Address  
Key 409, care American Florist.

**Help Wanted**—A strictly sober and industrious man for the potting bench; one who has had experience at potting and bedding out; wages, \$12 per week; references required. Address  
JOHN RICK & SON, 985 Main St., Bridgeport, Conn.

**For Sale**—Three greenhouses, 5300 feet glass, good eight-room house, 2 barns, in smart town, 8000 population, no other within 26 miles; stock, tools, horse and wagons all go. Price \$6,500, part cash. Send for book farm bargains.  
D. B. CORNELL CO., Great Barrington, Mass.

**For Sale**—Greenhouse, 20x9 ft.; large work-room, boiler room and barn, 30x25; lot 100x135; small three-room house; local demand for more than you can raise; have sold rest of property reason for selling; price \$2500; \$500 down, balance 1, 2, 3, 4 years; good start for someone; stamp for reply.  
DR. F. E. GRAVES, Hincley, Ill.

## Agents Wanted.

To sell Begonia Bulbs, for large Begonia grower in Ghent, Belgium; write  
Key 413, care American Florist.

## Wanted

Young Florist or Gardener familiar with greenhouse construction and heating to call on the greenhouse trade.  
Key 404, care American Florist.

## Wanted

Plantsman and foreman for large place. Only capable and strictly temperate man need apply. Give age, references and experience. Address  
Key 406, care American Florist.

## Wanted to Rent.

Established retail place, store, greenhouses, (4000-ft.) and dwelling; covers city block; three cemeteries; on street-car line; reasonable terms. Address  
Key 401, care American Florist.

## For Sale.

An Established Well Paying Business

Located on Broadway, New York, is for sale. A rare opportunity for a good practical man. For further particulars address  
Key 407, care American Florist.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.  
Key 408, care American Florist.

## WANTED.

## Gardener and Florist

For a first-class private estate near Chicago. Single or married, must be neat, sober, no smoker, good worker; first-class all round man, and knows how to handle men to advantage.

Good cut flower and plant decorator in residence. Thoroughly experienced grower in greenhouses and outside, all kinds of plants, flowers and vegetables; especially good rose grower.

Give experience references, number in family, nationality, wages wanted and full particulars in first letter. Address  
SUPERINTENDENT, Box 345, Lake Forest, Ill.

## GRAND COMBINED

National Flower Show  
and Spring Number

OF

## THE AMERICAN FLORIST

Goes to Press March 29

Advertising Forms Close March 28

MAIL ADVERTISEMENTS NOW



# A Big Crop of Roses

## and Lilies Now on

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

#### AMERICAN BEAUTIES

Per doz.

|                      |                |
|----------------------|----------------|
| Extra long.....      | \$6.00         |
| 24 to 36 inches..... | \$3.00 to 4.00 |
| 15 to 18 inches..... | 1.50 to 2.00   |
| 8 to 10 inches.....  | 1.00           |

#### Rhea Reid

|                     |                          |
|---------------------|--------------------------|
| Extra long.....     | per 100, \$12.00         |
| Good lengths.....   | per 100, \$8.00 to 10.00 |
| Medium lengths..... | per 100, 6.00            |
| Short.....          | per 100, 4.00            |

#### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin and Richmond

|                         |                          |
|-------------------------|--------------------------|
| Extra select.....       | per 100, 10.00           |
| Good lengths.....       | per 100, 8.00            |
| Medium lengths.....     | per 100, \$ 5.00 to 6.00 |
| Good short lengths..... | per 100, 3.00 to 4.00    |

#### CARNATIONS

|                                       |                     |            |
|---------------------------------------|---------------------|------------|
| Fancy pink and white.....             | per 100,            | \$3.00     |
| Fancy red, O. P. Bassett.....         | per 100,            | 4.00       |
| Split Carnations.....                 | per 100             | 2.00       |
| <b>HARRISI LILIES</b> .....           | per doz.,           | 1.50       |
| ".....                                | per 100,            | 10.00      |
| Lily of the Valley.....               | per 100,            | 3.00       |
| Select Pink and White Sweet Peas..... | per 100,            | 75 to 1.00 |
| Double, Single Daffodils.....         | per 100,            | 2.00       |
| Tulips.....                           | per 100,            | 3.00       |
| Adiantum.....                         | per 100,            | 1.00       |
| Asparagus.....                        | per string, .40 to  | .50        |
| Asparagus Sprays.....                 | per 100, \$3.00 to  | 4.00       |
| Ferns.....                            | per 1000,           | 2.50       |
| Galax, Green.....                     | per 1000,           | 1.00       |
| Bronze.....                           | per 1000,           | 1.00       |
| Smilax.....                           | per doz., \$1.50 to | 2.00       |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

#### Chicago.

##### PLENTY OF EVERYTHING.

Every day sees the stock increase in quantity and the quality holds up to a high standard. The weather for the month of March is exceedingly fine and of a kind that greatly aids the grower in producing high grade stock, for the days are pleasant with plenty of sunshine and the nights cold but not severe, and it is easy to keep the temperature even and at just the right point. The only shortage noted upon the market is American Beauty roses, which have not yet got into full crop and are not producing heavily. The larger number of those received are short-stemmed, and the quality is not of the highest. Other roses are being received in bountiful supply, and of all grades, some very fine stock being seen with all the growers. Killarney and White Killarney are in excellent shape, long stems bearing fine large flowers. Richmond is fine as are both Bride and Bridesmaid. Mrs. Jardine of beautiful color and My Maryland with fine long stems. Rhea Reid is also seen in excellent shape and is being used instead of American Beauty. The other popular varieties are to be found in smaller quantities but in fine condition. Carnations are being shipped to the stores in large quantities, and it is a wonder where they all go. Although the price on whites advanced for St. Patrick's Day and there was a large demand, it looks as if the supply was large enough to fill all the requests. The prices on the high grade stock, however, hold up well. Orchids are plentiful enough to fill all the orders and some very beautiful flowers are obtainable, the demand about equals the supply, however, and the prices do not fluctuate. Lilies and callas are in good supply and some extra fine blooms are noticeable

and the prices are a little lower. Violets are too plentiful and move slowly. Lily of the valley is coming in plentifully and some extra fine pots are seen in the store windows. The cut flowers are of splendid quality and are held at normal figures. Bulbous stock is at times over-plentiful, for not only are all the growers here in good supply but large shipments are being received from southern points which tends to lower the prices and cause a glut at times. Of the other spring flowers the cut increases mignonette, marguerites, snapdragon, freesias, calandulas, wall-flowers, stocks and forget-me-not are daily offerings. Sweet peas are more abundant and large numbers are being received, but the quality is uniformly good. There is plenty of greenhouse greens, both kinds of asparagus and smilax, but the price of hardy ferns holds high. The plantmen are all making ready for Easter and the stock at present looks very promising. Trade in general is a little light but, as one of the wholesalers says, all lines are feeling a slight depression and the florist business reflects the general conditions.

##### NOTES.

Phil Schupp, the hustling manager at J. A. Budlong's, is preparing to move and expects to occupy the new store at S2-S6 East Randolph street on April 3. His object in moving so soon is to take advantage of the new numbering system which goes into effect the first of next month. The new store is well lighted and has four entrances, a passenger and freight elevator and two side entrances. The interior will be re-painted and a few necessary alterations made. A new ice-box, in addition to the one now in use, is being built and will be installed on the north end of the building; a row of tables will

extend the length of the store. Both gas and electric lights are installed and, taken altogether, the accommodations could not be improved. Sinner Bros., Martin Gunterberg and others will occupy the east side of the building but do not expect to move until May 1. Budlong's will be greatly benefited by the change, as they have, for several years, been crowded for room which was a great handicap to them in handling the splendid business which they enjoy.

Poehlmann Bros. Co.'s large stock of lilies, consisting of 80,000 to 100,000 plants, are in splendid condition and will be in full bloom for the Easter trade. They are now booking orders for both the cut lily blooms and lilies in pots and will ship them, packed in paper pots, carefully crated and wrapped to keep clean and protected, with no extra charge for packing. The stock never looked better than now and they have reason to feel proud of the excellent condition of the plants at the present time.

E. B. Washburn and wife returned March 11 from a most enjoyable visit spent at Pasadena, Calif. He is in the best of health and is back at his desk at the store where he will look after the business while his father is attending the National Flower Show at Boston. He informs us that O. P. Bassett is building a new house, of bungalow style, and expects to occupy it some time in June. Mr. Bassett's many friends will be agreeably surprised when they read that he will pay the city a visit this summer on a combined business and pleasure trip. He has been suffering for some time with rheumatism but is improving and feeling much better.

N. Bezdek, of the Northwestern Floral Co. of Wilmette, will build a new residence this spring.

# EASTER LILIES

**As They Look Now.**



**They Will Be in Full Bloom for Easter.**

80,000 to 100,000 clean, healthy plants with luxuriant foliage are ready for Easter booking now, at the following prices, all shipments made direct from our greenhouse, if desired.

**Pot Lilies** Carefully crated and wrapped to keep clean and protected; shipped in paper pots if so ordered. No extra charge for packing.

|                                     |                 |
|-------------------------------------|-----------------|
| Extra select plants, per bloom..... | \$15.00 per 100 |
| Choice plants, per bloom.....       | 12.00 per 100   |
| Short plants, per bloom.....        | 10.00 per 100   |

**Cut Easter Lilies** Large, magnificent blooms in quantity to meet all demands. Send along your order; will fill it to your satisfaction.

|                          |                                      |
|--------------------------|--------------------------------------|
| Extra select, long,..... | per 1000, \$125.00; per 100, \$15.00 |
| Choice,.....             | per 1000, 100.00; per 100, 12.00     |
| Short,.....              | per 1000, 80.00; per 100, 10.00      |

## Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35

**CHICAGO, ILL.**



# Extra Fancy Beauties

## Cattleyas, Tulips, Valley, Violets

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
Seasonable stock.

and Fancy Carnations in good supply.

### CURRENT PRICE LIST

| American Beauty           | Per doz.               |
|---------------------------|------------------------|
| Extra long.....           | \$6 00                 |
| 36 inch and up.....       | 5 00                   |
| 30 inch.....              | 4 00                   |
| 24 inch.....              | 3 00                   |
| 18 to 20 inch.....        | 2 00                   |
| Short stem.....           | \$1 00 to 1 50         |
| 12 to 15 inch.....        | per 100. 8 00 to 10 00 |
| Richmond, fancy.....      | Per 100                |
| select.....               | \$12 00                |
| medium.....               | 10 00                  |
| good short.....           | \$6 00 to 8 00         |
| Killarney, fancy.....     | Per 100                |
| select.....               | 15 00                  |
| medium.....               | 12 00                  |
| good short.....           | 8 00 to 10 00          |
| ROSES, our selection..... | 4 00 to 6 00           |

| Bridesmaid, fancy.....  | Per 100          |
|-------------------------|------------------|
| select.....             | \$12 00          |
| medium.....             | 10 00            |
| good short.....         | \$6 00 to 8 00   |
| Bride, fancy.....       | Per 100          |
| select.....             | 12 00            |
| medium.....             | 10 00            |
| good short.....         | 8 00 to 10 00    |
| My Maryland, fancy..... | Per 100          |
| select.....             | 12 00            |
| medium.....             | 10 00            |
| good short.....         | 8 00 to 10 00    |
| CATTLEYAS.....          | Per doz.         |
| select.....             | \$6 00 to \$7 50 |
| Harristil Lilies.....   | per doz.         |
| select.....             | 1 50 to 2 00     |
| Fancy Eupatorium.....   | per bunch.       |
| select.....             | 50               |
| Carnations, fancy.....  | per doz.         |
| 1st quality.....        | \$2 00 to 3 00   |
| 2nd quality.....        | 1 50 to 2 00     |

| Freelias.....                          | Per 100          |
|----------------------------------------|------------------|
| select.....                            | \$3 00 to \$4 00 |
| Mignonette.....                        | Per 100          |
| select.....                            | 4 00 to 8 00     |
| Pacer Whites.....                      | Per 100          |
| select.....                            | 3 00             |
| Romans.....                            | Per 100          |
| select.....                            | 3 00 to 4 00     |
| Sweet Peas.....                        | Per 100          |
| select.....                            | 75 to 1 25       |
| Tulips.....                            | Per 100          |
| select.....                            | 3 00 to 4 00     |
| Valley.....                            | Per 100          |
| select.....                            | 3 00 to 4 00     |
| Violets.....                           | Per 100          |
| select.....                            | 50 to 1 00       |
| Adiantum.....                          | Per 100          |
| select.....                            | 75 to 1 00       |
| Asparagus Plumosus, extra quality..... | Per bunch        |
| select.....                            | \$35 to \$50     |
| Sorenderi.....                         | Per string       |
| select.....                            | 50 to 60         |
| Boxwood 25c per lb. 50-lb. case.....   | Per 100          |
| select.....                            | \$7 50           |
| Fancy Ferns.....                       | per 1000         |
| select.....                            | 3 00             |
| Galea.....                             | per 1000         |
| select.....                            | 1 25             |
| Smilax.....                            | per doz.         |
| select.....                            | 1 50             |
| Mexican Ivy.....                       | per case         |
| select.....                            | 5 00             |
| Wild Smilax.....                       | per case         |
| select.....                            | 5 00             |

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

Geo. Keller & Son, 2614 Herndon street, manufacturers of red pots, will make extensive improvements at their factory this spring. The press which they recently purchased from the Baird Machine & Manufacturing Co., of Detroit, is giving satisfaction and increases their capacity, the daily output from this one machine being 10,000 pots.

The Des Plaines Floral Co. has received the material for their new greenhouses and will commence building operations soon. John Prickett, the junior member of the firm, will superintend the construction of the houses and Harry Blewitt, the senior member, will continue to devote his time to looking after the stock.

A. Anderson, of Moline, Ill., forwarded this week to the Chicago Carnation Co., a shipment of sample blooms of a seedling carnation he is growing. It is a very striking novelty, the background is of yellow and heavily variegated with red.

Mathias Engels, 2673 Herndon street, has four houses of bedding stock and ferns that are in splendid condition. Geraniums are his specialty and he expects to realize good profits from their sale this season.

John W. Pink, the hustling grower of Herndon street, expects to have a large crop of lilies for the Easter trade, plants are in splendid condition and should be in bloom at the proper time.

Manager Pyfer and Superintendent Olsen, of the Chicago Carnation Co., will attend the National Flower Show at Boston, where they will make a large exhibit of their choice products.

Kyle & Foerster are receiving a large supply of stock of all kinds, they are offering a novelty in Gem callas which is meeting with favor in the trade.

Howard A. Muir, formerly with the J. B. Deamud Co., is now with his

brother John, looking after the trade at the Forty-seventh street store.

E. F. Keebler & Co., real estate dealers, have leased to George A. Peters a flower stand in the new Hotel Sherman for ten years at a rental of \$12,000 for the term of the lease.

Sol. Garland is cutting heavily in carnations and is shipping some splendid blooms to this market, his Enchantress are of exceptionally good quality.

E. E. Pieser, of Kennicott Bros. Co., accompanied by his wife, left March

## ORCHIDS

..A Specialty..

A fine stock of Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

## CHAS. W. McKELLAR

51 Wabash Avenue,  
CHICAGO.



14 for West Baden, Ind., where they will receive treatment at this famous resort.

John Welsh, the well known florist of Ravenswood, is again attending to his business, fully recovered from a severe attack of rheumatism.

Geo. Reinberg is filling a number of orders for rooted rose cuttings and plants, mostly Richmond and White Killarney.

Mrs. J. M. Smely, of Aurora, was in the city on March 10, buying supplies for the Easter trade.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

**Orchids, Valley, Sweet Peas, Easter Lilies, Spring Flowers and all other seasonable stock, Short and Medium Roses enough to fill all orders.**

**CURRENT PRICES, Subject to Change Without Notice.**

| AMERICAN BEAUTIES   | Per Doz.               |
|---------------------|------------------------|
| Specials .....      | \$6.00                 |
| 36-inch .....       | 5.00                   |
| 30-inch .....       | 4.00                   |
| 24-inch .....       | 2.50                   |
| 18 to 20-inch ..... | 1.50                   |
| 12 to 15-inch ..... | \$1.00 to 1.25         |
| Short stem .....    | per 100.. 4.00 to 6.00 |

| KILLARNEY, extra | Per 100.       |
|------------------|----------------|
| Select .....     | 12.00          |
| Medium .....     | 10.00          |
| Good Short ..... | \$6.00 to 8.00 |
| Good Short ..... | 4.00           |

| RICHMOND, extra  | \$12.00        |
|------------------|----------------|
| Select .....     | 10.00          |
| Medium .....     | \$5.00 to 8.00 |
| Good Short ..... | 4.00           |

| MY MARYLAND, extra | 12.00          |
|--------------------|----------------|
| Select .....       | 10.00          |
| Medium .....       | \$5.00 to 8.00 |
| Good Short .....   | 4.00           |

| WHITE KILLARNEY, extra | 12.00          |
|------------------------|----------------|
| Select .....           | 10.00          |
| Medium .....           | \$5.00 to 8.00 |
| Good Short .....       | 4.00           |

| PERLE, long  | 6.00 |
|--------------|------|
| Medium ..... | 4.00 |

Our Extra special grade Roses charged accordingly.

| CARNATIONS, fancy | Per 100 |
|-------------------|---------|
| first .....       | \$4.00  |
| common .....      | 3.00    |

| ORCHIDS, Cattleyas, per doz.  | \$4.00 to 6.00 |
|-------------------------------|----------------|
| HARRISII and CALLAS, per doz. | \$1.50 .....   |
| NARCISSUS PAPER WHITE .....   | 10.00          |

|                 |      |
|-----------------|------|
| JONQUILS .....  | 3.00 |
| DAFFODILS ..... | 3.00 |

|                |                |
|----------------|----------------|
| TULIPS .....   | \$3.00 to 4.00 |
| FREESIAS ..... | 3.00 to 4.00   |

|              |              |
|--------------|--------------|
| ROMANS ..... | 3.00 to 4.00 |
| VALLEY ..... | 3.00 to 4.00 |

|                                          |            |
|------------------------------------------|------------|
| VIOLETS, double .....                    | .60 to .75 |
| VIOLETS, Single, Princess of Wales ..... | .75        |

|                                   |      |
|-----------------------------------|------|
| VIOLETS, single, California ..... | .50  |
| MIGNONETTE, large spikes .....    | 4.00 |

|                          |                |
|--------------------------|----------------|
| SWEET PEAS .....         | .75            |
| ADIANTUM CROWEANUM ..... | \$1.00 to 1.50 |

|                                  |                        |
|----------------------------------|------------------------|
| SMILAX .....                     | per doz., 1.50 to 2.00 |
| SPRENGERI, PLUMOSUS SPRAYS ..... | 3.00 to 4.00           |

|                       |               |
|-----------------------|---------------|
| PLUMOSUS STRING ..... | each .60      |
| FERNS .....           | per 1000 2.50 |

|                 |               |
|-----------------|---------------|
| GALAX .....     | per 1000 1.25 |
| LEUCOTHOE ..... | per 100 .75   |

|                                                  |      |
|--------------------------------------------------|------|
| BOXWOOD, per bunch, 35; per case of 50 lbs ..... | 7.50 |
| WILD SMILAX, 50 lb. case .....                   | 5.00 |

**POEHLMANN'S FANCY VALLEY EXTRA FINE HARRISII LILIES** } We make these a special.  
Can supply them all the year.  
Once tried you will have no other.

The Raedlein Basket Co., 713 Milwaukee avenue, is receiving some very complimentary letters from the florists to whom they have shipped baskets in which the writers state that they are well pleased with the shipments received. They are filling a large number of orders for their \$5.00 and \$10.00 assortments consisting of pot covers and cut flower baskets for the Easter trade. They are well prepared to handle the large trade which they enjoy, as they have recently received a shipment of 100 cases from their factories at Ebersdorf, Germany.

The Geo. M. Garland Co. of Des Plaines will furnish the material for the two new houses 34x37 feet that R. Yonkers, the well known vegetable grower of Grand Rapids, Mich., will erect this season.

Bassett & Washburn are filling a large number of orders for lilies, of which they have a supply. Stock

in general is arriving in quantity large enough to meet all demands. The bulbous stock that they are offering is of good quality with tulips and jonquils exceptionally fine.

Hoerber Bros. are offering a splendid grade of Killarney, White Killarney, Richmond, Bride and Bridesmaid roses. A large quantity of bulbous stock of all kinds is included in their daily shipments, as is also a splendid grade of sweet peas and carnations of good quality.

Henry Van Gelder, with Percy Jones, is showing an exceptionally fine grade of carnations and bulbous stock that are bringing good prices.

Harry Manheim is again attending to his duties at the Hoerber Bros. store, having recovered from his recent illness.

The James H. Rice Co. will deliver a car load of glass to Boelter & Quehike of Appleton, Wis., on April 1.

**U S Budlong's  
E Blue Ribbon Valley.**

John Nellist of Grand Rapids, Mich., is shipping a good grade of sweet peas to Kennicott Bros. Co.

The A. L. Randall Co. is showing a choice grade of gardenias, orchids, roses and carnations.

Weiland & Risch are well supplied with stock, their cut being exceedingly heavy.

The Star Floral Co. of Wilmette will build two new greenhouses this spring.



# CARNATIONS ROSES BEAUTIES

We are cutting a splendid grade of **Carnations** in all the leading varieties, and are now prepared to fill all orders.

## PRICE LIST:

### AMERICAN BEAUTIES

|                   | Per Doz. |
|-------------------|----------|
| Extra long.....   | \$5 00   |
| 36-inch stem..... | 4 00     |
| 30-inch stem..... | 3 50     |
| 24-inch stem..... | 3 00     |
| 20-inch stem..... | 2 50     |
| 18-inch stem..... | 2 00     |
| 16-inch stem..... | 1 50     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                      |  |
|----------------------|--|
| Richmond.....        |  |
| Killarney.....       |  |
| White Killarney..... |  |
| Field.....           |  |
| My Maryland.....     |  |
| Uncle John.....      |  |
| Bride.....           |  |
| Ivory.....           |  |
| Sunrise.....         |  |
| Gate.....            |  |
| Perle.....           |  |

|              | Per 100 |
|--------------|---------|
| Special..... | \$10 00 |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |

### ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|                 | Per 100      |
|-----------------|--------------|
| Fancy.....      | \$3 00       |
| Common.....     | 1 50 to 2 00 |
| Sweet Peas..... | 75 to 1 00   |
| Jonquils.....   | 3 00 to 4 00 |
| Daffodils.....  | 3 00 to 4 00 |

|                |                   |
|----------------|-------------------|
| Harrisii.....  | per doz., \$1 50  |
| Valley.....    | \$4 00            |
| Violets.....   | \$ 75 to 1 00     |
| Adiantum.....  | 1 00              |
| Asparagus..... | per bunch, \$0 50 |
| Ferns.....     | per 1000, 3 00    |

Subject to change without notice.

**PETER REINBERG,** <sup>35</sup> Randolph St., **Chicago**

The John C. Moninger Co., 906 Blackhawk street, is receiving their share of the many orders that are being placed for greenhouse material this spring and their factory, which employs 150 men, is a scene of activity nowadays. This enterprising firm is meeting with great success and they have found it necessary not only to erect a new building but to purchase another, five stories in height. They have already spent \$50,000 this year for improvements and alterations are still under way. Philip L. McKee, the industrious representative, escorted us through the various departments of their factories and one thing in particular that attracted our attention was the painting of their iron frames, which are covered with a coat of the liquid on both the inside and outside before they are shipped. Another object of interest is the Otis electric elevator, which was installed some time ago at an expense of \$1,800; it is giving satisfaction and another of the same style will be added. After a walk through the factories we passed through the lumber yards, five in number, where are stored a total of 1,400,000 feet. We hope at some future date when the alterations are completed, to give a more thorough description of the factories of this enterprising concern.

E. H. Hunt is receiving a large supply of stock of all kinds; carnations are arriving in splendid condition and move readily at good prices. Clifford Pruner of the supply department is looking for a brisk Easter trade, and the many advance orders that have been received are now being shipped.

Vaughan & Sperry are receiving a number of advance orders for lilies for the Easter trade and have had inquiries from different sections of the country which leads them to believe that trade will be brisk from now on.

## CUT FLOWERS

### CURRENT PRICE LIST

#### ROSES

|                      |                            |
|----------------------|----------------------------|
| American Beauty..... | per doz., \$1 50 to \$6 00 |
| White Killarney..... | 4 00 to 10 00              |
| Killarney.....       | 4 00 to 10 00              |
| My Maryland.....     | 4 00 to 10 00              |
| Richmond.....        | 4 00 to 10 00              |

Extra special roses billed accordingly.

#### MISCELLANEOUS

|                                | Per 100          |
|--------------------------------|------------------|
| Violets, double.....           | \$0 75 to \$1 00 |
| single.....                    | 50 to 75         |
| Sweet Peas, fancy.....         | 1 50             |
| medium.....                    | 75 to 1 00       |
| Easter Lilies.....             | 12 50            |
| Callas.....                    | per doz., \$1 50 |
| Valley, select.....            | 3 00             |
| special.....                   | 4 00             |
| Daisies, white and yellow..... | 1 00 to 2 00     |
| Jonquils.....                  | 3 00             |
| Daffodils.....                 | 3 00             |
| Paper Whites.....              | 3 00 to 4 00     |
| Romans.....                    | 3 00             |
| Freesias.....                  | 4 00             |
| Tulips.....                    | 3 00 to 4 00     |

|                                     |                        |
|-------------------------------------|------------------------|
| Orange Blossoms, large cluster..... | \$1 00 to \$1 50       |
| Orchids, Cattleyas.....             | per doz., 6 00 to 7 50 |
| Gardenias.....                      | 25 to 4 00             |

#### CARNATIONS

|                              | Per 100          |
|------------------------------|------------------|
| Common.....                  | \$1 50 to \$3 00 |
| Select, large and fancy..... | 3 00             |

#### DECORATIVE

|                                      |                  |
|--------------------------------------|------------------|
| Asparagus Plumosus, per string.....  | \$0 50 to \$0 75 |
| per bunch.....                       | 35 to 50         |
| Asparagus Sprengerii, per bunch..... | 25 to 50         |

|                            | Per 100          |
|----------------------------|------------------|
| Adiantum, fancy, long..... | \$1 00           |
| Farleyense.....            | \$8 00 to 10 00  |
| Smilax.....                | per doz., \$1 50 |
| Mexican Ivy.....           | per 1000, 6 00   |
| Ferns.....                 | 3 00             |
| Galax.....                 | 1 00             |
| Leucothoe Sprays.....      | 75               |

Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

## CHICAGO CARNATION CO.

A. T. PFYER, Manager.  
Phone Central 3373.

35-37 Randolph St., CHICAGO

Peter Reinberg is cutting heavily in all varieties of roses and carnations and is shipping out a large quantity of choice stock daily. American Beauty roses are arriving in limited quantities but it is expected that even the supply of these will be equal to the demand in the near future.

Wietor Bros. are supplying their customers with a splendid grade of sweet peas as well as roses and carnations of their usual good quality.

The J. B. Deamud Co. is handling an exceptionally fine grade of sweet peas and carnations. This house is well sup-

**U S Budlong's**  
**E Blue Ribbon Valley.**

Mention the American Florist when writing

plied with bulbous stock of every description and carries a full line of florists' greens.

**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**


**ROSES** Of extra good quality which we offer  
at reasonable prices.

AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

**White, Red, Light Pink and Pink**

Mignonette, Sweet Peas, Violets, Tulips, Daffodils, Jonquils, Narcissus,  
Romans, Daisies, Smilax, Asparagus and Greens of all kinds. Also a good supply of  
our famous **BLUE RIBBON VALLEY**—once used, always used. Order some and  
be convinced.

 **Notice:** All business houses will be effected by the new numbering system, effective  
April 1st. Beginning with said date we will be permanently located in our  
spacious new store when our new number will be **82-84-86 East Randolph Street.**

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**  
37-39 Randolph Street, CHICAGO.  
Roses and  
Carnations  
A Specialty.....  
WHOLESALE  
GROWER of **CUT FLOWERS**

**We Strive  
To  
Please.**

The Geo. Wittbold Co., 737 Bucking-  
ham place, is now booking orders for  
Easter blooming plants. A visit to the  
greenhouses on March 12 found the  
lilies, azaleas, Rambler roses and  
spireas in splendid condition, the latter  
being particularly noticeable. Henry  
Wittbold and his force of assistants  
have been very busy with store decorations  
and it was long after midnight on  
March 11 when they completed their  
week's work.

Chas. W. McKellar has made ar-  
rangements with the Huebert Bulb Co.,  
of Portsmouth, Va., to handle exclus-  
ively all their stock that is shipped to  
this market. The Huebert Bulb Co. is  
one of the largest growers of high class  
bulb stock in this country and Mr. Mc-  
Kellar is indeed fortunate in having  
them as one of his shippers.

The alterations in the store of H. C.  
Rowe at the Palmer House have been  
completed and the proprietor has one  
of the prettiest stores in town. The  
available space has been more than  
doubled, and the fountain in the rear

**"The Busiest House in Chicago"**

**Fancy Carnations, Fancy Sweet Peas,  
Roses and Cattleyas in quantity.**

**J. B. DEAMUD CO.**

Loug Distance Phone

**51 Wabash Ave., CHICAGO**

surrounded with plants makes a beau-  
tiful picture.

Zech & Mann are offering an ex-  
ceptionally fine grade of Richmond,  
Killarney, White Killarney, Brides and  
Bridesmaid roses. Allie Zech is again

attending to his duties at the store af-  
ter having been confined at home for  
a week, with a severe cold.

C. M. Hirsch has accepted a position  
with the Poehmann Bros. Co. and  
entered upon his duties March 14.



# ROSES

Extra fancy KILLARNEY, WHITE KILLARNEY,  
RICHMOND, BRIDE, BRIDESMAID, and  
AMERICAN BEAUTIES.

## CARNATIONS

Sweet Peas, Violets, Valley, Jonquils, Tulips, Lilies,  
Callas, Mignonette, Ferns, Sprengerii. Send us your order. We  
have the Best Stock in the Chicago Market--Bar None.

# HOERBER BROS.

Wholesale Growers of Cut Flowers

51 Wabash Ave., CHICAGO.

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

We are Cutting a  
Large Quantity of

## Fine Roses

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      | Per doz.       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 16-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100                 |
|-----------------|-------------------------|
| Killarney       | Extra fancy.....\$ 8 00 |
| White Killarney | Fancy.....8 00          |
| Mrs. Jardine,   | Good.....5 00           |
| Richmond,       | Short.....3 00          |
| Per 100         |                         |
| Bride,          | Fancy.....\$6 00        |
| Maid,           | Good.....5 00           |
| Uncle John,     | Short.....3 00          |
| Perle           |                         |

|                            | Per 100        |
|----------------------------|----------------|
| Roses, Our Selection       | 3 00           |
| Carnations, fancy.....     | 3 00           |
| Good.....                  | 1 50 to 2 00   |
| Valley.....                | 4 00 to 5 00   |
| Adiantum.....              | 1 00           |
| Sprengerii, per bunch...\$ | 0.50 to \$0.75 |
| Asparagus " " " " " "      | .50 to .75     |
| Ferns, per 1000.....       | 3.00           |
| Galax " " " " " "          | 1.00 to 1.50   |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

The machinery for the new factory that Lord & Burnham are building at Des Plaines arrived this week and will be installed immediately. This firm is mailing the trade their Handy Hand Book, a guide to greenhouse construction, and one wishing for a copy can obtain one from George Sykes at the Rookery or from any of the eastern offices.

The E. C. Amling Co. is well supplied with roses, carnations and bulbous stock. The Lily of the valley that is being offered is of extra good quality.

The H. Hrudka Pottery Co., 2619 Herndon street, manufacturers of plain

and fancy flower pots, are enjoying exceptionally good business. This firm supplies a number of the large local growers with pots and are making endeavors to build up a western shipping business.

A. Vanderpool, manager of the Douglas Boulevard Floral Co., has recovered from his recent injury and was seen in the market this week.

The E. P. Winterson Co. is showing a full line of stock of all kinds, and the carnations that are received are of good quality.

C. J. Cleve Houck, manager of the Lakewood cemetery greenhouse of Minneapolis, was a visitor this week.

**U S Budlong's**  
**E Blue Ribbon Valley.**

DES MOINES, IA.—The Des Moines Seed Co., at 409-411 East Fifth street, opened its new cut flower department February 16. Mrs. Anna Sherman is in charge.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.

— SEND FOR PRICE LIST. —

FLORISTS' SUPPLIES TOO.

76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 51 Wabash Avenue CHICAGO

## Percy Jones

60 Wabash Ave., CHICAGO

### Chicago Bowling.

On March 3, the Carnations won three games from the Violets and the Orchids won two and lost one to the Roses. Frank Ayers bowled two exceptionally good games and had a total of 218 pins in the opening and 209 in the final game. John Zech and Al. Fisher reached the 214 mark, followed closely by Wm. Lorman, who had a total of 201 pins to his credit.

Number of games won and lost by each team to date:

| Won        |    | Lost |  |
|------------|----|------|--|
| Orchids    | 47 | 16   |  |
| Carnations | 33 | 30   |  |

| Roses.    |             | Violets. |             |
|-----------|-------------|----------|-------------|
| Byers     | 109 97 133  | Ayers    | 218 179 209 |
| Golbach   | 143 147 176 | Kiley    | 108 155 174 |
| Fisher    | 138 163 187 | Goerisch | 116 168 187 |
| Wolf      | 143 147 134 | Krauss   | 181 109 143 |
| A. Fisher | 169 198 214 | Schultz  | 191 139 174 |

Totals... 722 752 \$40

| Orchids. |             | Violets.  |             |
|----------|-------------|-----------|-------------|
| Huebner  | 171 148 155 | Lorman    | 201 124 121 |
| Sweeney  | 135 154 142 | Lieberman | 157 145 108 |
| Graff    | 124 172 173 | Riley     | 145 144 128 |
| Degan    | 129 166 144 | Meyer     | 144 164 170 |
| Zech     | 169 141 214 | Sweeney   | 108 170 142 |

Totals... 728 781 828

Two teams representing the league will visit Milwaukee next Sunday, March 19, when they will play two florist bowling teams of that city. A special rate has been secured for the round trip and anyone wishing to accompany the team should leave word with Allie Zech at Zech & Mann's store so arrangements for all can be made. The bowlers will leave on March 19 at 9:15 a. m. on the Chicago, Milwaukee & St. Paul railroad, returning home the same evening. A large crowd of rooters will accompany the bowlers to the Cream City.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

19, 21 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO Mar. 15.                |      | Per doz. |
|---------------------------------|------|----------|
| Roses, Beauty, specials.        | 4 00 | 6 00     |
| " " 36 in.                      | 5 03 | 5 03     |
| " " 30 in.                      | 4 10 | 4 10     |
| " " 24 in.                      | 2 10 | 2 10     |
| " " 18 to 20 in.                | 1 50 | 1 50     |
| " " 12 to 15 in.                | 1 00 | 1 25     |
| " " Short stem                  | 4 00 | Per 100  |
| " Killarney                     | 6 00 | 7 15 00  |
| " White Killarney               | 6 00 | 15 10    |
| " Richmond                      | 6 00 | 15 00    |
| " My Maryland                   | 6 00 | 15 00    |
| " Cardinal                      | 6 00 | 15 00    |
| " Perle                         | 6 00 | 15 00    |
| Carnations                      | 2 00 | 3 00     |
| " fancy                         | 5 00 | 7 50     |
| Orchids, Cattleyas              | 6 00 | 7 50     |
| Harrisii and Callas             | 1 50 | 1 50     |
| Narcissus Paper White           | 3 00 | 4 00     |
| Jonquils                        | 3 00 | 4 00     |
| Dahodis                         | 3 00 | 4 00     |
| Tulips                          | 3 00 | 4 00     |
| Freelias                        | 3 00 | 4 00     |
| Romans                          | 3 00 | 4 00     |
| Valley                          | 3 00 | 4 00     |
| Violets, double                 | 75   | 75       |
| " single, Princess of Wales     | 1 00 | 1 00     |
| " single, California            | 75   | 75       |
| Mignonette, large spikes        | 40   | 40       |
| Sweet Peas                      | 75   | 1 00     |
| Adiantum (Crownemum)            | 1 00 | 1 00     |
| Smilax                          | 1 50 | 2 00     |
| Sprenger, Plumosa Sprays        | 3 00 | 4 00     |
| Pomposus String                 | 60   | 60       |
| Perns                           | 2 50 | 2 50     |
| Galax                           | 1 25 | 1 25     |
| Leucocoe                        | 75   | 75       |
| Boxwood, per bunch 35¢ per case | 5 00 | 5 00     |
| o 50 lbs.                       | 5 00 | 5 00     |
| Wild Smilax, 50 lb. case        | 5 00 | 5 00     |

### Davenport, Ia.

Business the past week has not been as brisk as previously. Roses have been very scarce and hard to obtain, carnations were plentiful, and never better. Plenty of bulb stuff of A No. 1 quality.

The regular monthly meeting of the Tri-City Florists' Club was held March 2 at the greenhouse of John Deers, Moline, Ill. Every member but one being present. It was the annual meeting and the election of officers took place which resulted as follows:

Theodore Ewoldt, president.  
Henry Paul, first vice president.  
John Staack, second vice president.  
H. Gaethje, third vice president.  
Wm. Knees, treasurer.  
John Temple, secretary.  
Harry Ellis, financial secretary.  
A. Eckstrom, Ed. Pattern, H. Hensley, directors.

The banquet committee reported the annual banquet will be held at Watch

## WIETOR BROS.

Wholesale Growers of Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.



## A. L. Randall Co.

19-21 Randolph St.,  
CHICAGO.L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO

Telephone, Central 3284.

W. P. KYLE

JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.

Long Distance Phone, Randolph 3619.

## U S Budlong's E Blue Ribbon Valley.

Tower Inn, Rock Island, March 23. All florists and their wives are invited. Greenhouse construction was the topic for the evening's discussion, which was ably handled by John Staack and Henry Paul. A fine hot supper was served by the hosts and a social hour enjoyed. George Bunyard of Chicago was present and gave a very interesting talk. A vote of sympathy was extended to George Forbes, whose father recently passed away.

### NOTES.

Wm. Goos of Bettendorf will build an addition to his greenhouse this summer.

Ludwig Stapp is adding another 300 foot house to his range.

Theo. Ewoldt of Budlong Bros. has purchased a tract of land north of the city containing about 4½ acres.

R. M. C. Rohlfis of the Alta Vista Nurseries reports sales far ahead of the same time last year. T. E.









## New York.

## HEAVIER SUPPLIES.

A recital of market conditions just at this time is not very comforting, supplies are becoming heavier every day and the tendency in prices along all lines is downward. Fortunately we have been favored with some very fine spring like weather lately, and it has been possible to unload quantities of stock to speculators, all of which has been a relief that was appreciated by those who had accumulations of violets and carnations. The tea roses in grades from extras down are not near so difficult to dispose of as are the special and fancy grade stock. It does not seem to be a question of price either, for they are offered at all kinds of figures, there does not seem to be the kind of trade going that calls for them in quantity. The pinching out of buds method, adopted by growers, and which is giving a larger proportion of long stemmed roses with periods of scarcity between crops, is perhaps going to prove in the long run the most profitable way. When we consider that during January and February, number one and number two grades fetched good prices with not enough to go around, while now every grower almost seems to be in crop and the long-stemmed flowers predominate, and are bringing little, if any, more than the number two's did a month ago, it would seem that this pinching out of buds may need some further consideration. Carnations continue very plentiful and the quality was never better, it seems a shame almost that they have to be cleared out at such low prices as have prevailed lately. Cattleyas are going very slowly. C. Mossiae is beginning to come in limited quantities. Violets come in heavily every day and are going very cheap, one buyer alone took 175,000 out of the market one evening recently, quite a few for one man, but he no doubt got them at his own price. Gardenias get a little more numerous every day, though they are perhaps maintaining their value better than any other flower coming in. Lilies show many grades and are quite plentiful. Tulips, narcissus, freesias, sweet peas and all the incidental flowers are very plentiful yet, even though prices are not high, they go at some figure or other and no real glut has occurred. A little falling off is noted in the demand for geraniums.

## NOTES.

The Essay Committee of the New York Florists' Club has requested a number of members to present five-minute papers, or make addresses, on various subjects as follows: "Why Should Florists Attend the National Flower Show," by L. Miller. "The Benefit to New York Floriculture in the Establishment of the New Plant Market," by John Birnie. "The Retailer's Mission and Duty as a Member of the N. Y. Florists' Club," by Robert E. Berry. "The Best Method of Increasing Interest in the Club's Annual Outings," by C. B. Weathered. "The National Sweet Pea Society at Boston," by H. A. Bunday. "The History of Floriculture on Long Island," by Jas. Dean. "The Schoolteacher's Mission in Horticulture," by W. B. DuRie. "How Can the Gladiolus be Made a Popular Florist Flower," by I. S. Hendrickson. "Handling Lily Bulbs from the Field in Japan," by A. Kakuda. "The Status of Orchids in the Florist Trade," by John A. Manda. "Why Do not Florists Take More Interest in the Nursery Branch of the Business," by Jas. T. Scott. "Valley Growing 365 Days in the Year," by W. H. Siebrecht. "Fruited Plants and Blossomed Fruit Trees for Easter," by Anton Schulthies.

John Nicholas, the Forty-second street retail florist, who secured control of the two buildings in Twenty-

eight street, and who is remodeling them to be adaptable for the wholesale business for Kessler Bros. and the Growers' Cut Flower Co., has also obtained either by purchase or very long lease, three more buildings adjoining those at present undergoing renovation. These new acquisitions he will also remodel and make fit for the wholesale trade when he gets possession, which will not be until next year, however. It begins to look like an assured fact that the Twenty-eighth street flower district will eventually be mostly confined in the block between Sixth and Seventh avenues.

For the Havenmeyer-Dick wedding, which took place in the Church of the Incarnation, Feb. 28, M. A. Bowe arranged one of the smartest church decorations ever seen. White and pink were the colors and large plum trees in full bloom were among the many things utilized. Probably the most conspicuous and the most admired feature of the arrangement were the floral embellishments on the ends of each of the pews. A Porto Rican mat crushed and tied around each pew-head and filled with antirrhinum was the method employed, a new idea and which certainly made a hit.

It seems evident that more trouble is in store through express drivers strikes, the men of the Adams Co. went out March 11, and no deliveries were made on that day. Dealers who had consignments coming in over that company's routes were notified to send for the boxes, as it was impossible to deliver, causing much inconvenience. Present indications point to the drivers of other express companies going out also through sympathy. The trouble seems to be through the unwillingness of the Adam's Co. to recognize the union.

August Millang, 41 West Twenty-eighth street, has purchased the retail business of Muller, an old established place at 57 Stuyvesant avenue, Brooklyn. The store fixtures, two greenhouses well stocked, horses and wagons are all included in the purchase. Possession has already been taken and Mr. Millang is operating the place in conjunction with his Twenty-eighth street store. A new lease has just been signed for the latter store so that an immediate move from there is not at present contemplated.

J. D. Cockcroft, Northport, L. I., is erecting three more houses; one for carnations is 100x55 feet, two for chrysanthemums and sweet peas are each 150x25 feet, all are of the Payne iron construction and will be ready for occupancy July 1. When completed Mr. Cockcroft will have an establishment covering 100,000 square feet of area.

A large space in the first floor of the Cooper Buildings, directly underneath the New York Cut Flower Co., is being prepared for the accommodation of wholesale flower business. It is rumored that among those who will occupy the space are A. Hanig, Brooklyn, and A. N. Pierson, Cromwell, Conn., for the sale of plants.

It is said that 250 tickets are sold for the club dinner, which will be at Shanley's March 18. A delegation from England, en route for the Boston Show, are expected to reach here in time to attend the dinner.

J. P. Cleary, of the Fruit Auction Co., has returned from Europe where he has been making arrangements for consignments of plants. It is expected to open the auction season for plants, etc., March 21.

The Tarrytown Horticultural Society will hold their next exhibition in Tarrytown. For two years past, the music hall there was not available and the society had to hold their show in White Plains.

A birthday party in honor of Julius Roehrs, Jr., was held at his home,

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**U S Budlong's**  
**E Blue Ribbon Valley.**

Carlton Hill, N. J., March 4. Among those present were the parents of Mrs. Roehrs, Mr. and Mrs. Chas. Koch, Brooklyn.

For St. Patrick's Day there were a few green roses and carnations, clay pipes with bowls containing shamrocks and miniature pots of shamrock, all in limited quantities, however.

Miss Minnie Kreiger, a former employee of Weiss, for seven or eight years, has opened a retail store at 318 Fulton street, Brooklyn.

The Doubleday Page Co. have issued invitations for a dinner and reception to the trade at their place in Garden City, L. I., March 23.

E. S. Miller, Wading River, L. I., is very heavily in the hardy lily growing; he plants 200,000 L. tenuifolium.

G. B. Hall, retail florist, 518 Fifth avenue, Brooklyn, has put a new team and covered wagon into service.

Bowlers are gaining in enthusiasm. There were fourteen present at the New York alleys on March 10, quite a gathering for this club.

John Heeremans returned from an European trip on the Adriatic, March 10.

John Birnie attended the Deer reception at Riverview, N. J., March 8.

John T. Raynor left San Francisco for home March 14.

Visitors: Wm. Kleinheinz, Ogontz, Pa.; J. D. Cockcroft, Northport, L. I.; E. S. Miller, Wading River, L. I.

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1665 }

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Give us a  
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Florists' Supplies and Wire Designs.**Wholesale Flower Markets**

|                                |                         |
|--------------------------------|-------------------------|
| NEW YORK, Mar. 15.             |                         |
| Roses, Beauty, special.        | 30 00@ 50 00            |
| extra and fancy.               | 15 00@ 25 00            |
| " " No. 1 and No. 2.           | 2 00@ 6 00              |
| " Bride, Bridesmaid, special.  | 5 00@ 6 00              |
| extra and fancy.               | 3 00@ 5 00              |
| " " No. 1 and No. 2.           | 1 00@ 3 00              |
| " Killarney, My Mary Ind. spl. | 5 00@ 6 00              |
| extra and fancy.               | 3 00@ 4 00              |
| " " No. 1 and No. 2.           | 1 00@ 2 00              |
| " Richmond.                    | 1 00@ 3 00              |
| Carnations.                    | 1 00@ 3 00              |
| Callas.                        | 8 00@ 10 00             |
| Cattleyas.                     | 25@ 50                  |
| Gardenias.                     | per doz. 2 00@ 5 00     |
| Lilium Longiflorum.            | 6 00@ 8 00              |
| Lily of the Valley.            | 1 00@ 3 00              |
| Narcissus P. White.            | 1 00@ 2 00              |
| Yellow.                        | 2 00@ 2 00              |
| Roman Hyacinths.               | 1 00@ 2 00              |
| Sweet Peas.                    | per doz. bchs. 60@ 1 50 |
| Tulips.                        | 1 00@ 2 00              |
| Violets.                       | 20@ 30                  |

|                              |                  |
|------------------------------|------------------|
| BUFFALO, Mar. 15.            |                  |
| Roses, Beauty, special.      | 35 00@ 40 00     |
| extra and fancy.             | 25 00@ 30 00     |
| " " extra.                   | 15 00@ 20 00     |
| " " No. 1.                   | 10 00@ 15 00     |
| " " No. 2.                   | 3 00@ 5 00       |
| " Bride, Maid, Killarney.    | 5 00@ 10 00      |
| " Killarney, White and Pink. | 5 00@ 12 50      |
| Carnations.                  | 1 50@ 3 00       |
| Callas.                      | 12 00@ 15 00     |
| Double Yon S.                | 2 00@ 3 00       |
| Lilium Longiflorum.          | 10 00@ 12 00     |
| Lily of the Valley.          | 3 00@ 4 00       |
| Mignonette.                  | 3 00@ 4 00       |
| Narcissus Paper Whites.      | 2 00@ 3 00       |
| Sweet Peas.                  | 4 00@ 5 00       |
| Trumpet Major.               | 2 00@ 3 00       |
| Tulips, Murillo.             | 3 00@ 4 00       |
| Tulips, Single.              | 3 00@ 4 00       |
| Violets.                     | 40@ 50           |
| Adiantum Crowneum.           | 75@ 1 50         |
| Asparagus, per bunch.        | 35@ 50           |
| Asparagus Sprenger.          | 35@ 50           |
| Asparagus Str.               | 50@ 60           |
| Ferns.                       | per 1000. \$2 50 |
| Galax, green and bronze.     | 1 50             |
| Leucothoe Sprays.            | 15 00            |
| Smilax.                      | 15 00            |
| Daisies.                     | 1 00@ 1 50       |

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**P. J. SMITH,**Are the best product of the best growers  
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54 West 28th St. NEW YORK.

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# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

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Wholesale Commission Florists and Florists' Supplies,

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DETROIT, MICH.

### Washington.

#### INAUGURATION WEATHER.

After a week of real "inauguration weather," in which was included a temperature of 20 degrees and a snow-fall of seven inches, business comes up smiling. The latter part of the week was clear with a moderate temperature, but there was a very strong wind on March 10. Flowers of all kinds are plentiful, and to the extent that roses, carnations and sweet peas, in addition to violets and arbutus, are now being sold on the street corners. Of course it is understood that most of this is inferior stock, but it shows the drift of trade. As many and possibly more flowers are being sold than before the beginning of Lent, but at reduced prices. An extra session of congress looms up in the near future and this will keep business alive. Partly on this account there will be but a limited number from this city in attendance at the National Flower Show.

#### CLUB MEETING.

The regular monthly meeting of the club was held March 7. The principal business was the election of officers. The ticket nominated at the February meeting was elected without a hitch, as follows:

Elmer Mayberry, president.  
 David Grillbortzer, vice-president.  
 O. A. C. Oehmler, secretary.  
 Wm. F. Gude, treasurer.

#### NOTES.

George H. Cooke, who was reported in our notes of last week as suffering severely from blood poisoning in his left hand, is now believed to be out of danger. He was for some time in Georgetown University hospital, where both skillful and heroic measures were taken, fortunately with success, to save his hand. He has been a great sufferer and his misfortune has evoked much sympathy from his many friends.

Wm. F. and Adolphus Gude will attend the National Flower Show at Boston, the former being one of the judges. This firm is at present showing particularly fine stock in gardenias, roses and Beacon carnations. During the past week their store has been a very busy mart of trade.

The Florists' Exchange has bought the property outright at 1214 H Street N. W., the price paid being \$12,000.00. They are now finely located and well fitted up with a convenient store and abundant cold storage facilities for doing a first-class wholesale business. Manager Schnell is always on the job and we predict continued success for this initial venture in the exclusive wholesale trade of this city.

Wm. F. and Adolphus Gude, Mayberry and Hoover, Otto Bauer and J.



Wild Smilax Fresh from woods, 50 lb. case \$5. Let us figure with you on car lots.

Fancy and Dagger Ferns,

Strictly fresh picked clean and crisp. No waste; 10,000 to case, \$1.25 per 1000. Strictly cash with order.

Neff National Floral Co  
 Bellevue, Pa.

## Southern Wild Smilax

Now ready for shipment.

Perpetuated and Natural Sheet **MOSSSES**

Satisfaction Guaranteed.

E. A. BEAVEN, Evergreen, Ala.

L. Bickings, of Loy & Bickings, went to Philadelphia March 7 for the gathering at Dreer's. They were all surprised when they got over there, to find no snow, as they left plenty at home. A. F. F.

Tarrytown, N. Y.

The regular monthly meeting of the Tarrytown Horticultural society was held on February 21. President Brunger in the chair. F. W. Stobo, R. Franke and W. MacBean were elected active members and one application for membership was received. A communication was read from the New York Florists' Club, asking the co-operation of the society in securing the passage of a bill through the legislature, appropriating \$50,000 to erect greenhouses at Cornell for experimental purposes. It was announced that the fall show will be held October 31, to November 2, in the Music Hall, Tarrytown. The subject and exhibits for the next meeting will be roses and bulbous flowers.

GEO. MCINTOSH, Cor. Sec'y.

### 50-lb. case

# Extra Fine SMILAX

\$2.00 per case  
 QUALITY GUARANTEED

When in need of extra good Smilax in any quantity, write or wire

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Can fill all orders, large or small, promptly, on receipt of same. Give us a trial. We know we can please you.

Giddwell the Woodsman Co., Evergreen, Ala.

**MOSS AND PEAT**

Carefully selected fresh stock. Sphagnum Moss, burlapped; no dirt, roots or sticks.

10 bbl. bales.....\$4.00 per bale  
 5 bbl. bales.....2.25 per bale  
 Rotted Peat......90c per sack

"Not how cheap—but how good."

J. H. SPRAGUE, Barnegat, N. J.

Come Direct to  
Headquarters for

# EASTER PLANTS

Wishing You a Joyful, Happy and Prosperous Easter.

## Prepare for Easter

All florists should this Easter-time, come see my stock quite superlative:  
My glistening *Araucaria*, my *Lilies* strong and wondrous fair;  
Ferns, big and green no rival know. Bulbs of all sorts, the best I grow.  
There's not a flower you now can need, but I can sell you cheap indeed;  
Azaleas like a pinet on fire, with blooms that fill the heart's desire;  
Choice Primroses with colors chaste, Palms grown to suit the highest taste.  
The spring-time jewels are my flowers, pictures of life that bring them out;  
None fairer, better, you can find—I have the best of every kind.

### Spirea Gladstone.

What is a home, what is a store, what is a church,  
what is an Easter present, without having a few  
plants of the so much admired and so greatly in  
demand *Spirea Gladstone*, the pride of Holland?  
O, those charming sprays of beautiful  
pure white flowers! And the foliage, of such a  
beautiful waxy deep green is a jewel in itself!  
Mixed with beautiful lilies and other blooming  
plants they will complete the flower decoration  
for your happy, joyful Easter home of 1911.  
Knowing the great demand for these plants  
during past Easters, when not half the cus-  
tomers could be supplied, we are well prepared  
this year for the rush, and were fortunate in  
spite of the scarcity last fall in Holland. When  
other florists' supplies were cut short by Hol-  
land growers, we obtained enough of the bulbs  
to fill two houses with the choicest, and we are  
able to supply all incoming orders promptly.  
Price: 5½, 6 and 7 in. pots, full of buds and  
flowers, 25c, 35c, 50c, 75c to \$1.00 each; dozen or  
more, the same price. Some are as big as a  
washtub.

### Cineraria Hyb. Grandiflora.

Readers, please just a minute. I wish to call  
your attention to one of our biggest house-  
filled with a big selection of that so much ad-  
mired Easter novelty, the *Cineraria Hyb. Grandiflora*, which will have no equal in the  
flower market for Easter, 1911. If you are not  
fortunate enough to see them growing at our  
establishment, then just imagine you were  
promoted to a paradise, to a garden in Eden  
standing before a mass of flowers in various  
beautiful colors. This is the condition one of  
our *Cineraria* houses represents at Easter-time.  
Our new improved strain, planted in 6 in. pots,  
of medium tall sizes, are unsurpassed in the size  
and color of the flowers. The flowers are about  
twice the size of the old ordinary varieties, has  
big heads of flowers, good foliage, some of the  
plants are as big as a small apple basket.  
Price: 6 in. pots, 25c, 35c, 50c, 75c to \$1.00 per  
plant; dozen or more, same price.

### Azalea Indica.

Remember we are headquarters for *Azalea  
Indica*, grown for us under contract in Ghent,  
Belgium under my personal inspection, by  
going abroad every year and looking them over.

*Azalea Indica*, Easter forcing: *Vervaeana*,  
*Deutsche Perle*, President O. v. d. Kerkove,  
Emperor of Brazil, Professor Wolters, Empress  
of India, Schryveriana double variegated 60c,  
75c, \$1.00 to \$1.50; also *Minie Van der Cruysen*,  
*Simon Mardner*, pink, *Niobe*, white, *Apollon*, red,  
60c, 75c, \$1.00, \$1.25 to \$1.50. In large plants we  
have *Niobe*, *Helena Thielman*, *Bernard Andreas*,  
*Alba*, white, *Empress of India*, *Minie Van der  
Cruysen* and others \$1.50, \$2.00 to \$2.50.

*Azalea Indica*, with buds advanced, showing  
color and partly in bloom, *Deutsche Perle*, *Vervaeana*  
and *Simon Mardner*, 60c, 75c, \$1.00 to  
\$1.25. Can supply *Deutsche Perle* in bloom,  
all you want, for 60c on up to \$1.50.



### Lilium Multiflorum.

We have *Lilies* this Easter (1911) to burn to  
burn; they are crackjacks to beat the band,  
the best in the land, the best in the land.

Three houses in *Lilium Multiflorum* the genuine  
Japan Easter Lily, better than ever before.  
Our own importation from our general grower in  
Japan, raised from 9-10 in. bulbs, started in 6 in.  
pots last October; have kept cold. Plants  
medium size, from 5 to 10 buds to the plant,  
10c per bud; plants under 5 buds, 12c per bud.  
Just right for Easter. We have the finest lilies  
this year in Philadelphia and all over the  
country, is the town talk from florists and agents  
daily visiting our place. "We never have seen  
anything like it," said two well-known growers  
from Cincinnati and Short Hills, N. J., the other  
day, when visiting our place together. We have  
three houses full in 6 in. pots, nicely staked up,  
medium height, and can supply all importations.

Our *Hydrangea Otakasa* can't be beat; full of  
buds; right for Easter trade; every branch  
nicely staked up, 6 in. pots, 25c, 35c to 50c;  
7 in., 75c, \$1.00, \$1.25 to \$1.50.

*Hyacinths* of our own importation, four best  
colors, Gertrude, best pink; King of the Blues,  
best blue; Grand Maitre, light blue; La Grand-  
esse, best white; 4 in. pots, now outside in cold  
frame, covered with leaves; two weeks will force  
them out into bloom; now \$10.00 per 100; when  
in bloom, \$12.00 per 100.

*Adiantum Hybridum*, 6 in. pan, 25c to 30c.  
*Asparagus Sprengeri*, 2½ in., 3c; 4 in., 10c.

Wholesale Grower and Importer of Potted Plants  
1012 West Ontario Street,

Philadelphia, Pa.

GODFREY ASCHMANN,

GRAND COMBINED

# National Flower Show and Spring Lumber

of THE AMERICAN FLORIST

Goes to Press March 29  
Advertising Forms Close March 28



Mail Advertisements Now

### Araucarias Our Specialty.

We are the largest importers of these lovely decora-  
tive plants the *Araucaria Excelsa*, *Robusta*  
*Compacta* and *Glaucia*, 6,000 of the choicest last  
spring (1910) importation, ready for immediate  
shipment. It is of no use to look elsewhere for  
cheaper prices. We now control and will con-  
trol the market of the *Araucarias* in the future.

Look! Bargains in *Araucaria Excelsa*.  
Such low prices as are quoted below were never  
known in the history of *Araucaria Excelsa*. Just  
think! 6 to 7-inch pots, 4-5 years old, 4-5-6-7  
tiers, 25-35-40 in. in height, for only 75c, \$1.00,  
\$1.25, \$1.50 to \$2.00 each. These prices are  
record breakers—money makers for you.

*Araucaria Excelsa*, raised from top cuttings, no  
seedlings, Plants, 5-5½-6-7 in. pots, 15-18-20-  
25-30 in. high, 4-5-6 tiers, 2-8-4-5 years old, 75c,  
\$1.00, \$1.25, \$1.50 to \$2.00 each. We give big  
value for your money. Just think! *Araucaria*  
6 in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high,  
for only \$1.00; a jumbo, 6 in. pot, 5-year  
old, 25 in. and over, as wide as a bushel basket,  
5-6 tiers for only \$1.00; and what do you think!  
a holy terror, 30 to 41 in. and over, 5-6 tiers,  
worth \$7.00, for only \$1.25 to \$1.50.

*Robusta Compacta*, *Excelsa Glaucia*, 6 in. pots,  
\$1.00, \$1.25, \$1.50 to \$2.00 each.

We also have the nicest *Araucaria Robusta Com-  
pacta* and *Excelsa Glaucia*, a house full, for  
only \$1.25 to \$1.50, worth double.

*Dracena Brantii*, 25 to 30 in. high, 6 in. pots, 40c  
to 50c. Highly recommended for store and house  
decoration; stands heat, cold and dust.

*Von Sion Daffodils* (double nosed) best double  
*Narcissus* in cultivation, three bulbs planted in  
a 5c to 6 in. pot, \$2.50 per doz. pots.  
*Tulips*, Tourne-sole double, red and yellow varie-  
gated and *Murillo*, beautifully shaded rose  
pink, three bulbs in one pot (4 in.), \$15.00 per  
100 pots; \$1.80 per doz.

*Ipomoea Noctiflora*, our so well-known  
pure white, waxy *Moovine*, bearing flowers  
very fragrant and as big as saucer 2½ in. pots,  
will make good stock for you to propagate from,  
\$5.00 per 100.

*Lantana Borbonica* (Chinese Fan Palms), 30 to 35  
in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

*Kentia Forsteriana*, in fine shape, 6 in. pots,  
30-35-40-45 in. high, 4-5-6 years old, \$1.00, \$1.25,  
\$1.50, \$2.00 to \$2.50 each.

*Kentia Belmoreana*, 30-35-40 in. high, 5-5½-6-7 in.  
pots, 5-6-7 years old, \$1.25, \$1.50 to \$2.00 each.

*Kentia Belmoreana*, 30-35-40 in. high, 5-6-7 years  
old, in high made up of 3 plants, 6 to 7 in. pots,  
\$1.00, \$1.25 to \$1.50; 4 in., 20 in. high, 20c to 25c.  
Our Ferns this year are exceptionally very fine.

*Boston*, *Scotti*, *Whitman* and *Scholz*, 5½  
and 6 in., 35c, 40 and 50c; 7 in., large bushy  
plants, \$1.00 to \$1.00. As big as a bushel basket,  
\$1.00 to \$1.25. Remember, all our Ferns are  
not grown, not lifted from benches.

*Neph. Glatraii*, a new beautiful fern, an improve-  
ment on *Scotti*, much shorter and bushier than  
*Scotti* 5½ in. pots, 50c; 3 in., pots, 25c.

*Ferns for Dishes*, big assortment, 2½ in. pots, at  
40c per 100.

*Crispa Rambler Roses*, 6 in. pots, 3 feet high,  
nicely staked up and heat down, 50c to 75c  
\$1.00, \$1.25 to \$1.50 each.

*Begonia Rex*, 5 to 5½ in. pots, 20c to 25c.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.







#### Pochlmann's Latest Greenhouse Range.

The illustration herewith shows part of this year's addition to plant A of the Pochlmann Brothers Co., at Morton Grove, Ill., consisting of 13 houses 250 feet long by 27 feet wide, which have been added to similar houses recently built, and this range of 13 houses now being built, will be followed immediately by 13 more, for which material is now on the ground. These houses, running east and west, are built on 2-inch pipe posts set in concrete, supporting Garland cast iron gutters, which in turn support Louisiana red cypress woodwork, furnished by the Foley Manufacturing Co. The roofs are composed of 16-foot bars to the north and 14-foot bars to the south.



August Pochlmann.

which is the typical Pochlmann construction. The vent sash are made in the most approved manner, being blind-mortised, to prevent rotting of the stiles, which has happened in the old style construction of vent sash. The vent sash are operated by the Evans Challenge ventilating machine.

William Mellander, the well known greenhouse builder, who is doing the work for the Pochlmann Brothers Co., says he has broken the record in the speed with which he placed the roof bars on these houses, having put on and secured in place the roof of one house in four and one-half hours, owing to the excellent manner in which the woodwork was turned out, saving him a great deal of money in the cost



Adolph Pochlmann.

of construction. The roofs are supported by the Pochlmann truss, which is built by the Pochlmann Bros. Co. on the ground. These are a high type of greenhouses, the gutters being between 11 and 12 feet high. The benches are made of concrete, according to the Pochlmann ideas of construction, and while expensive, are expected to pay for the expense in durability. These buildings are heated by steam, coming from the new boiler house, automatic stokers being used to feed the coal. The large stack shown in the center of the picture is the stack of the new heating plant and power house, which plant when complete is expected will be the largest of its kind extant. The condensed steam is brought back to the boilers by the vacuum system.

The 13 new houses will be added to the east of those now in process of construction, and it is expected that when this range is complete, the houses in the same will be about 1,500 feet long. This range is expected to be used for American Beauty roses and this addition large as it is, and which would make a very respectable sized plant in itself, looks comparatively small, compared to the extent of the greenhouses in plants A and B.

The foregoing is typical of western hustle and energy and it looks as though their building operations, which have been largely to the east of the Chicago, Milwaukee and St. Paul railroad, will soon begin on the west, as the space on the east is limited to a few miles by Lake Michigan, while on the west the nearest large body of water to stop operations is the Mississippi river.

HUNTINGTON, W. VA.—The Peters Flower Store temporarily moved to their greenhouse until their new store on Eighth street, between Third and Fourth avenues, is completed.



POEHLMANN'S LATEST ADDITION.

#### European Horticulture.

FROM THE FRENCH TRADE PAPERS.

Gardens of the Luxembourg.—Lovers of statistics will be interested to learn that the gardens of the Luxembourg in Paris, with an area of sixty acres, require the services of 55 gardeners, chiefs and workmen; 160,600 plants are used for summer decoration, 35,000 in the spring planting. A single Sunday will sometimes record the visits of 10,000 persons. Plants for the decoration of the Palace are grown in the greenhouses, ferns, palms, azaleas, crotons, etc., while a specialty is made of orchids and chrysanthemums. The remarkable fruit garden (one could hardly say orchard) contains 300 varieties of pears and 250 of apples, each of the 900 trees a perfect specimen. Needless to say, these gardens have been a pleasure spot of Paris for centuries, \$25,000 per year being allowed for their maintenance.

Color descriptions.—Continued effort is being exercised among French horticulturists to reduce this matter to an exactitude. At the last meeting of the French Chrysanthemum Congress, Mr. Blot, chief of cultures, in a careful paper, proposed a manner of arriving at the "medium" color of a flower; a copy of the "Repertoire des Couleurs," remade by folding the color plates accordion-wise and attaching those of one fundamental color in an ascending scale of color, was shown, and as a test a flower of Chrysanthemum Tokio was immediately referred to its proper shade. The question of matching a petal or the entire flower was discussed and a committee formed to recommend a process. The recently published and scientific "Repertoire des Couleurs" must serve as the foundation for any such universal rule for descriptions, although its cost and bulk will preclude its general use. It is said that over 700 copies were purchased.



John Pochlmann.

chased in the Royal Horticultural Society of London.

Experiments with fertilizers.—The result of experiments in the fertilization of chrysanthemums by the French Society of Chrysanthemum Growers showed definitely that the addition of liquid manure to the soil during the period of vegetation was attended with poor results, a surface dressing of fertilizer, by August 15, at the latest, being much preferable. Analysis of the soil with an intelligent addition of fertilizers is considered indispensable.

Spirea Japonica Peachblossom.—This popular plant, which is in such demand for forcing, is most effective when contrasted with the milk-white Lord Salisbury, an equally fine sort for pot culture.

Carnation Carola.—Deep red, made a sensation among French growers in the spring and fall exhibitions of 1910, for size and brilliant color; also Mme. Leveque's Roi des Jaunes, an enormous pale yellow carnation, of dwarf habit and strong stem, as well as great freedom of bloom.

The Bouvardia.—This is to have a revival of popularity, and justly, for it may be grown into as handsome plants as the fuchsia, as well as forced for winter cutting; among the free-blooming and beautiful varieties shown this fall in Paris were: Rosalinda, President Cleveland, a fine scarlet; Rosa Multiflora, Bride of Brooklyn, pure white; Davison, pale pink; Priory Beauty, a handsome rose color.



Virginia Pochlmann.



# Your Carnation Trade Wants "Dorothy Gordon"

SOME new carnations look good when they first come out, but fail to measure up to their promise and the claims of the disseminator. In this connection, you can profitably remember that Carnation "Dorothy Gordon" has been tried and proved, and is still making good. Its merits were well known to us before we advertised a single cutting for sale, and the trade has had ample time since to get fully acquainted with this variety. As a result, "Dorothy Gordon" is making money for more florists this winter than ever. With its large flowers of uniform flesh pink; its long, stiff stems and unusually fine lasting qualities, "Dorothy Gordon" has won the favor of florists whose customers demand the best and are ready to pay for it. The flowers bring a higher price—we grew it for years beside Enchantress, and got practically 50% more for "Dorothy Gordon." Rooted cuttings—you ought to have some of them. Send us your order now or write for further particulars.

**Its Color, Substance and Durability Bring You Customers Who STAY.**

Rooted Cuttings: \$6 per 100, \$50 per 1000

We have an exceptionally good stock of

When in Philadelphia, Be Sure to Look Us Up

**Joseph Heacock Company, Wyncote, Penna.**

RAILWAY STATION  
JENKINTOWN

## Our Home-Grown Palms Will Help You Make Money

**Kentias,  
Areacas,  
Cocos, etc.**

**Send for list**

way vastly superior to imported stock—yet cost you no more. We pack carefully; can ship at very short notice.

When in Philadelphia, Be Sure to Look Us Up

**Joseph Heacock Company, Wyncote, Penna.**

RAILWAY STATION  
JENKINTOWN

### Detroit.

#### SATISFACTORY CONDITIONS.

Trade conditions last week, in deep contrast with the week previous, brought a happier solution to the question of supply and demand, satisfying both growers and dealers. A generous supply of nearly every seasonable flower was met with a spirited and surprising demand for the second week of Lent. Even the slower moving bulbous stock shared the favor of other items, and Saturday evening early the wholesale house could not fill even a small order for anything in the list of flowers. Roses are still comparatively scarce and even a day of slow demand does not allow them to accumulate. Carnations are becoming far more plentiful as the season advances and are improving in quality, and most of them selling at \$1.50 and as low as one dollar per hundred. The very best grades bring \$2.50 and a few \$3.00 per hundred. The white varieties are now being held back for the anticipated heavy demand for St. Patrick's Day. For this event, many shamrocks and unique arrangements are already being shown, and a good trade in them is expected. Interest is fast developing in the proposed trip of more than a dozen florists to Boston to attend the National Flower Show.

#### NOTES.

The Detroit Floral Co. has leased the store 747 Woodward avenue, corner of Alexandrine, and will occupy it about March 20. This move is made necessary because of the sale recently of the property where they are now located, but which they can still occupy until next fall.

A. B. Lewis, Pontiac, is suffering from a nervous breakdown, but hopes are entertained for improvement in his condition before long.

## ALL LEADING VARIETIES FLOWER SEEDS.

**Vick's Asters, Sweet Peas, Nasturtiums, Poppies,  
Marigolds, Gourds.**

## VEGETABLE SEEDS.

**Beans, Beets, Cabbage, Corn, Cucumber, Lettuce,  
Onions, Peas, Radish, Squash.**

**Lawn Grass and Clover Seeds, Best Grades of Farm Seeds.**

**Dahlias, Tuberoses, Gladioli, Tuberous Begonias,  
Lycoris, Cannas, Coleus, Geraniums.**

**Hardy Flowering and Foliage Plants.**

**Vines, Shrubs and Roses.**

**James Vick's Sons, Rochester, N. Y.**

SEEDSMEN,

Mention the American Florist when writing

Edmund S. Beard is being congratulated on the advent of another boy in his home.

Robt. Miesel, son of Fred Miesel, was recently married.

Visitors: M. Reukauf, Philadelphia;  
R. E. Hall, New York. J. F. S.

SPOKANE, WASH.—The Spokane Florist Co. has taken over the business and store of the Sanders Co. at 722 Riverside avenue. C. T. Kipp, the proprietor, will rearrange the combined stores and make extensive improvements.

## DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

# The Florists' Retail Delivery

## SPECIAL MEETING

at National Flower Show, Boston

Wednesday, March 29th, morning and afternoon.

All retailers invited.

**J. A. VALENTINE, President.**

Chicago.

Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

**WE HAVE THE BEST FACILITIES IN THE CITY**  
*Mention the American Florist when writing*

Brooklyn, New York.

**“WILSON”**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.  
— Deliveries in —

NEW YORK, LONG ISLAND AND NEW JERSEY.  
*Mention the American Florist when writing*

NEW YORK  
**Malanore Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

*Mention the American Florist when writing*

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

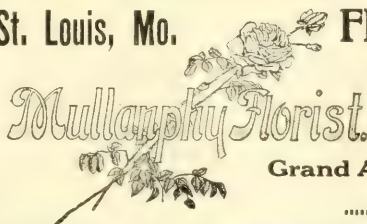
Mail. Telephone and Telegraph orders filled promptly with the choicest stock.

New York.

**Hartmann's**  
*Rosary*

2654 Broadway. Tel. Riverside 8730.  
Will carefully execute and deliver orders in any part of New York and to out-going steamships.

St. Louis, Mo.



Floral Designs

a Specialty

LONG DISTANCE  
Phones: J. BELL, TYLER 1104  
KIN., CENTRAL 4131

Grand Ave. and Palm St.

.....Wagon and Automobile Service.

Washington,  
D. C.

14th and N Street



Also

1801 Madison Ave.

Baltimore, Md.

J. DAN BLACKSTONE

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

*Mention the American Florist when writing*

New York and Washington, D.C.

**J. H. Small & Sons**  
FLORISTS  
New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.  
*Mention the American Florist when writing*

Indianapolis, Ind.

**Bertermann Bros. Co.**  
FLORISTS

.....241 Massachusetts Ave.

Kansas City, Mo.

**WILLIAM L. ROCK**  
Flower Co.

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

*Mention the American Florist when writing*

Albany, N. Y.

**EYRES,**

Flowers or Design Work.  
Delivered in Albany and Vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Omaha, Neb.

**Hess & Swoboda**  
FLORISTS,  
1415 Farnum St. TELEPHONES  
1501 and L 1553



# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders,

## Young & Nugent

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

## Terre Haute, Ind.

**John G. Heinl & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

## Dallas, Texas.

**The Texas Seed and  
Floral Company**

Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

## Washington, D. C.

**GEO. H. COOKE**  
FLORIST

Connecticut Avenue and L Street.

## Rochester, N. Y.

**J. B. KELLER SONS,**  
FLORISTS  
25 Clinton Avenue, N.

Rochester Phone 506, Long Dist. Bell Phone 2189

## St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery  
in this section from the

## LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

**Geo. M. Kellogg  
Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either  
Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

## Boston, Mass.



## "Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET.

## Denver, Colo.

**The Park  
...Floral Co**

J. A. VALENTINE, President.

## Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

## Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dia. Phone

## THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.



## New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

## Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN

## New York.

Established 1849

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones:  
1552-1553 Columbus. Choice Cut Flowers  
Mention the American Florist when writing

## Louisville, Ky.

Established 1880

Orders for delivery in this city and every city  
in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers.

..... 223 S. Fourth Avenue

Mention the American Florist when writing

## Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance Phone.

**M. C. Bowe**

IN THE HEART OF NEW YORK CITY  
Phone 6404 Madison Sq. 60 West 33d St.  
Our Motto—THE GOLDEN RULE.

## Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut  
Flowers in Iowa and the Middle West.  
Mention the American Florist when writing

## Anderson, S. C.

**THE ANDERSON FLORAL CO.**

533 MARSHALL AVE.

Mention the American Florist when writing

## Michigan.

Orders will be carefully  
cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

## Rockford, Ill.

**H.W. Buckbee**

## Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

## Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON**

D. C.

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.

CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

FLORISTS.

Phones: Home 1388. Cumb. Main 1388 A.  
..... 634 Fourth Avenue.

New York.

Established 1874.

**DARDS**

N. E. Corner 44th St.

and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Mention the American Florist when writing

New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS,

158 EAST 110TH STREET:

bet. 3rd and Lexington Aves. Tel. 5633 Harlem.

City Index to Retail Florists

Filling Telegraph Orders.

Aibany, N. Y.—Eyles, 11 N. Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lanes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Willbould Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellog F. & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 559 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Geny Bros.  
New York—M. A. Bove.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2694 Broadway.  
New York—Myer Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Svoboda, Farnum St.  
Philadelphia—Robert Kirt, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis, Mo.—Mullanphy Florist.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1408 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 80 Kearney St.  
Terre Haute, Ind.—J. G. Hotal & Son.  
Toronto, Can.—Dunlop's, 98 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL.

Western Union Code.

Mention the American Florist when writing

Chicago.

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main

14th & Eye Sts., N. W.

Write, Telegraph or Telephone

Los Angeles, Calif.

**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders

A Specialty.

216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

**Only  
the  
Best  
Dunlop's**

98 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in

**Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N. Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, June, 1911.

VISITED CHICAGO: C. F. Wood, of Wood, Stubbs & Co., Louisville, Ky.

BURPEE's page advertisement in color on the cover of Country Life for March 1 is a striking one.

THOSE in the seed and plant trades are hoping against a repetition of last season's disastrous and unreasonable March weather.

SOME interesting comments on the newer gladioli, by Secretary Gage of the American Gladiolus Society, will be found elsewhere in this issue.

VAUGHAN'S SEED STORE, Chicago, will publish a book on the gladioli, by M. Crawford and Dr. W. Van Fleet, April 1, at \$1.25 per copy. There is need of such a work.

CHICAGO.—Prices on the board of trade March 15 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

THESE are the big days with the mail order seed houses, Big Monday usually falling not far from March 20 in the absence of unusual cold snaps. The orders have been coming strong for the past two weeks.

DES MOINES, IA.—The Iowa Seed Co. made a deal in red clover last week which is claimed to be a record for size west of the Mississippi, securing five cars of Iowa stock, the amount involved in the transaction being over \$20,000.

NEW YORK.—Seed stores are all very busy, night work being a regular necessity to keep up with the orders. In fact, there is some work going on Sundays. Counter trade is increasing.—J. C. Vaughan returned to Chicago March 9.

SAN JOSE, CALIF.—Under date of March 5, we are advised by the Braslan Seed Growers Co., that California is having the worst storm in many years and it is feared that the seed crops, especially onion, will suffer much damage from rain and flood.

### Illinois After Canada Thistle.

There has been presented in the Illinois state legislature a bill amending section 40 of the act of 1874, and provides that whoever shall bring into this state, whether in packing or in grain or grass seed, or otherwise, or permit the dissemination on any land, any seed of Canada thistle, or permit the same to grow to a height of six inches or over on land owned or occupied by him, shall be fined not less than \$10.00 nor more than \$100.00, the fine to be paid to the commissioner of Canada thistles, if any is appointed in the town or precinct, city or village, or otherwise, as directed by law.

### Pure Seed.

A bulletin of the United States Department of Agriculture declares that the solution of the difficulty lies with the consumers; if they will demand a statement of quality and purchase only from firms that are willing to give a reliable statement, and if they will pay what good seed is worth, they will get good seed; if they will continue to buy haphazard they must take their chances.

Prof. W. F. Massey, a veteran farmer and writer on agricultural subjects, has a valuable article on this subject in the February number of the Southern Planter, of Richmond, Va., in which he points out that when seed turns out badly it is quite as often the fault of the planter as that of the seedsmen. He also says: "The difference in the crop to a market gardener between well-bred and poorly bred ones will often, and in fact generally, make the higher priced seed ten times cheaper than the low priced article."—Jacksonville (Fla.) Times-Union.

### Canadian Reciprocity Excludes Catalogues.

The proposed reciprocity treaty with Canada, according to Charles N. Page, permits the free passage of American seeds across the Canadian border, while the Canadian postal laws exclude American seed catalogues. In order to get their catalogues into Canada at the present time, the American seed growers are compelled to pay a duty of 15 cents a pound. That sum amounts to double the postage on the books.

"Every once in a while I get a letter from the Canadian postal department," says Mr. Page, "in which I am informed that a quantity of my catalogues are being held there and that they will be destroyed unless I send the money

to pay for their admission into the country. The duty amounts to about eight cents on each catalogue, which is too much for us to pay. There are 1,000 American farmers in Canada who want to use American seeds and these are denied them because of the stringent postal and revenue laws governing the admission of catalogues into Canada."

### Imports.

During the week ending February 11, imports were received at New York as follows:

P. Ouwerkerk, 118 cases trees.  
H. Frank Darrow, 99 packages seed, 14 cases plants, 7 cases trees and shrubs.

Henry Nungesser & Co., 62 barrels seed.

McFutchison & Co., 32 cases trees and shrubs, 31 cases plants, 30 casks seed.

Aug. Rolker & Son, 31 packages and 29 cases plants, seven packages seed.

W. E. Marshall & Co., 19 barrels seed.

Department of Agriculture, four bags seed.

To others: 1,020 bags, 424 packages, 421 barrels, 400 sacks and eight cases seed, 169 cases trees and shrubs, 32 cases and one box plants, 14 cases trees.

### Catalogues Received.

Ellwanger & Barry, Rochester, N. Y., trees, shrubs, roses and hardy plants; Fottler, Fiske, Rawson Co., Boston, Mass., seeds; James Vick's Sons, Rochester, N. Y., garden and floral guide; Peacock Dahlia Farms, Williamstown Junction, N. J., dahlias; William Tricker, Arlington, N. J., water lilies; Wild Bros. Nursery Co., Sarcoxie, Mo., trees and shrubs; Pomoona nurseries, Palmyra, N. J., trees and shrubs; Palisades Nurseries, Sparkhill, N. Y., perennials; F. W. Kelsey Nursery Co., New York, nursery stock; American Forestry Co., South Framingham, Mass., trees; Geo. L. Stillman, Westerly, R. I., dahlias; Glen Bros, Rochester, N. Y., nursery stock, chestnut trees; M. Crawford Co., Cuyahoga Falls, O., small fruits; W. H. Thomas, Anna, Ill., strawberry plants; The Horticultural Co., Worcester, Mass., bulbs; I. N. Kramer & Son, Cedar Rapids, Ia., seeds; J. M. Phillips' Sons, Pittsburg, Pa., seeds; M. Herb, Naples, Italy, seeds; Dammann & Co., San Giovanni a Teduccio, Italy, seeds of novelties; V. Lemoine & Sons, Nancy, France, shrubs, plants and bulbs; novelties and begonias; Vilmoren, Andreux & Co., Paris, France, chrysanthemums, dahlias and cannas; Perry's Hardy Plant Farm, Enfield, England, florists' flowers; Wilhelm Pfitzer, Stuttgart, Germany, seeds and plants; Van Heiningen Bros. & Co., Boskoop, Holland, trees, shrubs, and rhododendrons.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,  
Growers for the Wholesale  
Trade Only.

**SAN JOSE, CALIF.**

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

**Alfred J. Brown Seed Co.**  
Grand Rapids, Mich.



**GREGORY'S SEEDS**

90 cents worth for  
25 cents in coin

1 pkg. Aster, Gregory's Special Fancy Mixture, . . . 10c.  
1 pkg. Pansy, Gregory's Special Fancy Mixture, . . . 10c.  
1 pkg. Coropua, Gregory's Special Fancy Mixture, . . . 9c.  
1 pkg. Poppy, Gregory's Fancy Double Mixed Annuals, 10c.  
1 pkg. Mignonette, Gregory's Large Flowering, very rich 10c.  
1 pkg. Bachelor Button, Gregory's Finest Mixture, 10c.  
1 pkg. Petunia, Gregory's Finest Hybrid Mixture, . . . 15c.  
1 pkg. Candytuft, Gregory's Finest Mixed, . . . 5c.  
1 pkg. Nasturtium, Dwarf, Finest Mixed, . . . 5c.  
1 pkg. Sweet Peas, Extra Choice Mixed, . . . 5c.



10 packages sent for 25c in coin.  
In addition to these, will send FIVE of our regular FIVE CENT PACK-AGES of Vegetable seed, our selection, with beautiful Catalogue. If this paper is mentioned with order.

J. J. N. GREGORY & SON, 149 ELM ST., MARLBOROUGH, MASS.

Mention the American Florist when writing

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Radish, Beet, Etc.

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Los Angeles, California

Wholesale growers of Sweet Peas,  
Tomatoes, Lima Beans, Lettuce, Asters,  
Cosmos and other Flower Seeds.

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**BURNETT BROS.**

Importers and Growers of

**Seeds, Bulbs, Plants**  
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Telephone 2223 Cortlandt.  
72 Cortlandt Street, **NEW YORK**  
Write for our 1911 Spring Catalogue.

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OF ALL KINDS APPLY TO

**W. W. JOHNSON & SON, Limited,**  
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—CHOICE GERMAN—

**FLOWER SEEDS**

Catalogue free on application.  
Stamp letters 5 cents; foreign post cards 2 cents

**FREDERICK ROEMER,**

Seed Grower, **QUEDLINBURG, GERMANY.**

**Henry Fish Seed Co.**

**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Asparagus Plumosus Nanus**

**GREENHOUSE GROWN SEED**

DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

**A. HENDERSON & CO.,**  
51 Wabash Ave., **CHICAGO.**

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
**PEDRICKTOWN, N. J.**

**Waldo Rohnert**

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**Wholesale Seed Grower,**

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

**S. M. Isbell & Co.,**

**Jackson, Mich.**

**CONTRACT SEED GROWERS,**

Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand  
for \$28.00 per ton. Send today for sample 100 lb.  
bag \$1.50. Mr. C. E. Jensen, of Atlantic City,  
N.J., on Oct. 27th, 1910, writes as follows: "I want  
to state that your three grades of Poultry Food—  
Chick Starter, Developing Food and "Square  
Deal" Scratch or Poultry Food—stands without  
an equal today. They are perfect mixtures and  
sound in grain and a pleasure to handle."  
**J. BOULGANO & SON, Importers and Wholesalers**  
(Established for 92 years). **Baltimore, Md.**

ESTABLISHED IN 1834.

**Bridgeman's Seed Warehouse,**

**RICKARDS BROS., Props.,**

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**PANSY SEED**  
178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed . . . 25c  
1 oz. . . \$2.25

Price list on application. Cash with order

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Contracting growers of Peas, Beans and  
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**Sweet Pea and Nasturtium Specialists**

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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In either style or flexible cover. Address orders  
**AMERICAN FLORIST CO., CHICAGO.**

**Summer-Flowering  
BULBS****CALADIUM ESCULENTUM**

Live center shoots, free from rot.

|                     | Per doz. | Per 100 |
|---------------------|----------|---------|
| 5-7 . . . . .       | \$0 35   | \$1 80  |
| 7-9 . . . . .       | 50       | 3 50    |
| 9-11 . . . . .      | 85       | 6 00    |
| 12 and up . . . . . | 1 75     | 14 00   |

**GLADIOLUS**

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Mrs. Francis King . . . . . | \$2 65  | \$23 00  |
| Mme. Moneret . . . . .      | 2 25    | 20 00    |
| Florist Mixed . . . . .     | 1 75    | 15 00    |
| Extra Fine Mixed . . . . .  | 2 00    | 18 00    |
| Good Mixed . . . . .        | 85      | 7 00     |

**TUBEROUS BEGONIAS**

|                                    | Per 100 | Per 1000 |
|------------------------------------|---------|----------|
| Single { Scarlet . . . . .         | \$2 50  | \$2 50   |
| { White . . . . .                  | 2 50    | 2 50     |
| { Pink . . . . .                   | 2 50    | 2 50     |
| { Yellow . . . . .                 | 2 50    | 2 50     |
| Doubles, colors as above . . . . . | 4 50    |          |

**TUBEROSES**

|                               | Per 1000 |
|-------------------------------|----------|
| Dwarf Pearl, med um . . . . . | \$5 00   |
| 1st size . . . . .            | 9 00     |

**LILY BULBS**

|                                       | Per 100 |
|---------------------------------------|---------|
| <b>Lil. Auratum</b>                   |         |
| 9 to 11 inches, 120 to case . . . . . | \$8 00  |
| <b>Lil. Rubrum</b>                    |         |
| 8 to 9 inches, 140 to case . . . . .  | \$4 75  |
| 9 to 11 inches, 120 to case . . . . . | 8 00    |
| <b>Lil. Album</b>                     |         |
| 8 to 9 inches, 140 to case . . . . .  | \$ 7 50 |
| 9 to 11 inches, 120 to case . . . . . | 10 00   |

**Vaughan's Seed Store,**  
**CHICAGO. NEW YORK.**

Mention the American Florist when writing

**J.C. Robinson Seed Co.**

**Waterloo, Neb.**

Contract growers of Cucumber, Canta-  
loupe, Watermelon, Squash and Pumpkin  
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**SEEDS**

Best that grow. We sell di-  
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at wholesale. Big beautiful  
catalogue free. Write today.

**ARCHIAS' SEED STORE, Box 52, Sedalia, Mo.**

YOU SAW IT IN

**THE FLORIST**

SAY SO IN YOUR NEXT ORDER.



## Get Order in for Easter Stock Now

**Hydrangeas**, 6 in. pots, 6 to 8 heads, \$1.00 to \$1.25 each; 8 in. pots, 8 to 12 heads, \$1.50 to \$2.00 each; 9 in. pots, 10 to 20 heads, \$2.00 to \$2.50 each.  
**Spiraeas**, 3 varieties, 35c, 50c and \$1.00 each. Pink Spireas, at 50c, 75c and \$1.00 each.  
**Lilies**, can ship these now at 35c, 50c and 75c a plant or send to your order later at 25c per bud.  
**Azaleas**, \$1.00, \$1.25 and \$1.50 each.  
**Baby Rambler Roses**. We have 500 in 6 and 7 in. pots, that are going to be nice large, bushy plants, for immediate delivery, 50c and 75c each.  
**Sonnet and Hermosa Roses**, 3½ in., 15c; 4 in., a 25c; 5 in. at 35c. While they last.  
**Bulb Stock** of all kinds.  
 Don't forget our **Ferns**. A special in Whitman and Boston, all sizes.  
 Ask for our list of Roses, Carnations, Chrysanthemums and Zolt Wooded Stock.

GEO. A. KUHL, Pekin, Ill.

## Miscellaneous Plants

2000 **Echeverias**..... \$18.00 per 1000  
 100 **Agave**, Var..... \$20.00  
 300 **Shasta Daisies**, divided roots, Alaska strain..... \$5.00 per 100  
 300 **Calliards**..... \$2.00 (0 per 100)  
 2000 **Gal. Violets**; 1000 **Princess of Wales** \$10 (0 per 1000)  
 100 Burbank's best **Giant Crimson Winter Rnubarb**..... \$20.00  
 50 **White Bloom**..... \$10.00  
 5000 **Bleu Fieur de Lis**..... \$10 (0 per 1000)  
 500 **Tuberoses**..... \$2.00 per 100  
**Choice Dahlias**..... \$5.00 per 100

— Cash. —

P. O. Box 453, Palo Alto, Calif.

Cleveland.

### HEAVY RECEIPTS OF STOCK.

Stock has begun to pile up the last few days, every kind of flower that is seasonable being received in large quantities. In roses Killarney is the most plentiful and the flowers are of exceptionally good quality. White Killarney seems a little shy, American Beauties are still scarce, and Richmond is taking on better form. Carnations of all colors and varieties are very plentiful, and enough white carnations for St. Patrick's Day will be assured if present indications are fulfilled. In bulbous stock there is a good variety of hyacinths, tulips, daffodils, jonquils, callas and lilies, the latter two being very good at low prices. Forget-me-not is coming in and finds a good market. Sweet peas are in excellent shape and sell well. Calandula is picking up as are the few daisies and mononette, asparagus plumosus and A. Sprenger are more plentiful, as is adiantum with good demand. Violets and lily of the valley are moving rather slowly, but the quality is good.

### NOTES.

The following florists from Cleveland will attend the Boston Flower Show: A. Graham and wife, Fred Witthuhn, H. P. Knoble and wife, Mrs. A. L. Brown, Guy Bates, Frank Williams, Frank Friedly, Sam Pentecost, Mr. and Mrs. V. A. Cogill of Salem, Carl Hagenberger, Mentor; L. L. Lamborn, Alliance; Frank Brownwell, Robt. Livingston, Columbus; John A. Evans, Richmond, Ind. The Lake Shore train leaves Union Station Friday, March 24, at 7:40 p. m., arriving at Boston at 2:40 p. m. March 25.

The Central Passenger Association has granted the Cleveland florists a rate of \$14.20 going to Boston and \$8.52 returning, making a full round trip ticket for \$22.72. This is 1-3-5 regular fare, on the certificate plan. Remember it is not yet too late to go, so reserve accommodations for yourself and wife.

The Cleveland Florists' Club now boasts a membership of 85 active and paid-up members, new ones coming in at every meeting. Get in line and push it along.

# To Seedsmen and Florists

## Tuberose Bulbs

Medium 3-4, \$ 5.00  
 Mammoth 6-8, 15.00

## Gladioli

Mrs. Francis King  
 America  
 Princeps  
 Augusta

## Caladiums (See Page 377)

All sizes

## Lilies

All kinds  
 All sizes

## Cannas

Grown by us, True

## Quotation and Samples

Will pay you. Write now

CHICAGO

Vaughan's Seed Store, NEW YORK

# Dreer's Snowball Double White Petunia

A splendid variety for summer cutting, and one of the most profitable summer cut flowers you can grow.

Strong 3-inch pots, which will furnish an abundance of cuttings between this and planting out time, 75c per dozen; \$6.00 per 100.

### SEED OF OUR

## Superb Strain of Fringed Petunias

Choice Double Mixed..... 75c per 500 seeds; \$1.50 per 1000 seeds  
 Choice Single Mixed..... 60c per trade pkt.; \$1.00 per 1-16 oz.; \$1.50 per 1/8 oz.

THE ABOVE PRICES FOR THE TRADE ONLY.

For a complete line of Seasonable Plants, Bulbs, Seeds, etc., see our Current Quarterly Wholesale Price List.

HENRY A. DREER, — 714 — Chestnut Street, Philadelphia, Pa.

## GLADIOLUS

Cinnamon Vines, Madeira Vines,  
 Lilies, Iris, Daphne Cneorum, Syringa  
 Japonica and Wistarias.

Write for price list

E. S. MILLER, Wading River, N.Y.

The Florists' Club has appointed a committee of five to make arrangements to hold a dance shortly after Easter.

Knoble Bros. made a very beautiful blanket of violets the past week for the Wallace funeral. C. F. B.

BOSTON, MASS.—Henry R. Comley, at No. 6 Park street, has installed a new auto delivery truck, which is a much needed acquisition in discharging his many orders and the requirements of his increased trade.

NEW HAVEN, CONN.—The Frank S. Platt Co. have increased their authorized capital stock from \$25,000 to \$75,000. The increase was necessitated by the continuous rapid increase in the company's business.

# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation.  
Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** We have only a few thousand of each left for March 15 delivery. Our next delivery after that will be March 27.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# CARNATIONS

## White House

The Quality White. Won the Silver Cup at Morristown for best undissemated variety; Bronze Medal at Pittsburg, and five other certificates. Absolutely non-bursting, clean and kind in growth, and a variety that will make good. We have 10,000 for March delivery, and that is all we will be able to supply.

## Princess Charming

The finest thing in sight in the Enchantress shade of pink. Every bud a perfect flower, and your net returns per square foot will surprise you.

Our stock is limited, but we are still in a position to supply first-class rooted cuttings of this variety at \$12.00 per 100; \$100.00 per 1000.

## CHRYSANTHEMUMS

We catalogue over 500 varieties, and surely we have the kind you want.

CHAS. H. TOTTY,

MADISON, N. J.

## QUALITY PLANTS

|                                                                                                                 | Per 100 |
|-----------------------------------------------------------------------------------------------------------------|---------|
| 2½-inch Boston, Whitman and Scotti.....                                                                         | \$ 3.50 |
| 3-inch Boston and Scotti.....                                                                                   | 8.00    |
| 4-inch Boston and Scotti.....                                                                                   | 15.00   |
| 4-inch Whitman.....                                                                                             | 12.50   |
| 5-inch Boston and Whitman.....                                                                                  | 20.00   |
| Asparagus Plumosa, 2-inch.....                                                                                  | 2.50    |
| " 4-inch.....                                                                                                   | 5.00    |
| Asparagus Sprenger, 4-inch.....                                                                                 | 10.00   |
| " 4-inch.....                                                                                                   | 7.00    |
| Per 100 Per 1000                                                                                                |         |
| Vinca Variegata, out of 2-inch pots.<br>(These are divisions from field-grown stocks and will make fine plants) | \$2.00  |
| Shasta Daisy Alaska, 2-inch.....                                                                                | 2.00    |
| Salvia splendens, 2-inch.....                                                                                   | 1.50    |
| Coleus, Golden Bedder, Verschaffeltii and others.....                                                           | 1.50    |
| 12.50                                                                                                           |         |

— Cash, please. —

### THE REESER PLANT COMPANY

Successor to  
Reeser & Youngstrand, Springfield, Ohio  
Mention the American Florist when writing

**Cannas** David Harum. Exandale Chas. Henderson, Duke of Marlborough King Humbert. True to name. Write for prices.

**Dracaena Indivisa**, 3-in..... \$5.00 per 100  
Extra strong Boston and Whitman Ferns, 4-in.  
\$2.00 per dozen.

**W. W. COLES, Kokomo, Ind.**  
Mention the American Florist when writing

## Geraniums

|                                                               | Per 100 |
|---------------------------------------------------------------|---------|
| S. A. Nutt and 6 other vars., 2½-in. pots.....                | \$3.00  |
| 3-in. pots April 1.....                                       | 4.10    |
| Asp. Plumosa, April 1.....                                    | 2.00    |
| Sprenger, April 1.....                                        | 2.01    |
| 10 vars. Cannas, April 1.....                                 | 4.00    |
| King Humbert, 3½-in. pots.....                                | 6.00    |
| Alternantheras, red and yellow, 2½ in. pots.<br>April 10..... | 00      |

Please,  
Cash.

**JOS. H. CUNNINGHAM, Delaware, O.**

Mention the American Florist when writing

## Coleus

|                                     | Per 100 |
|-------------------------------------|---------|
| 10 varieties, 2-in. pots.....       | \$2.00  |
| Vinca Var., 2½-in. pots.....        | 2.50    |
| Verbenas, April 1.....              | 2.00    |
| Plumosa Seedlings, April 1.....     | 1.25    |
| Sprenger Seedlings, April 1.....    | 1.00    |
| Pansy Plants, April 1.....          | 1.50    |
| Salv as, 2-in. pots, April 1.....   | 2.50    |
| Petunia Seedlings, Double Seed..... | 2.50    |

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2½-in. pots; place your orders early so as to secure early delivery. We would also be pleased to fill your order for **Aster Seed** as we have one of the finest strains known as well as a good list of the standard kinds.

**ELMER D. SMITH & CO., Adrian, Mich.**

## WATER LILIES

Hardy, old-fashioned Garden Flowers;  
Hybrid Tea Roses, Azaleas, Rhododendrons, etc. Send for catalogue.

William Tricker, Water Lily Specialist, Arlington, N. J.

**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
S. W. Severance, 503 Illinois Life Building, Louisville, Ky., Secretary; M. L. Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

DAVENPORT, IA.—The Bettendorf Booster Club accepted the proposition of J. W. Davis to dispose of the stock and build greenhouses costing \$60,000, for the purpose of raising tomatoes, cucumbers and ferns. The houses when completed will employ 50 men.

### Prices of Indoor Fruits and Vegetables.

New York, March 11.—Mushrooms, 50 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 25 cents per pound; radishes, 60 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, \$1 per pound; beans, 25 cents per quart; peas, 40 cents per quart.

Chicago, March 11.—Mushrooms, 20 cents per pound; cucumbers, \$1.25 to \$1.50 per box, small; lettuce, 20 cents to 22½ cents per pound; radishes, 15 cents to 50 cents per dozen bunches; rhubarb, 25 cents to 50 cents per dozen bunches.

### Market Gardening Scheme in Canada.

It is reported by a Canadian agency that English and Scotch capital in Toronto is buying between \$2,000,000 and \$3,000,000 worth of farming lands close to Toronto with a view to bringing immigrants from Great Britain for the purpose of developing market gardening. The property will be divided into farms of 10 to 50 acres, and the farms will be sold or rented to the immigrants as they may prefer. A good electric car service will be put through the district and a first-class storage system will also be inaugurated.—Consular and Trade Reports.

### Buffalo.

#### PROFUSION OF STOCK.

Weather conditions have had very much of a tendency toward spring which has made trade fairly good. Everything in spring flowers is coming in and all the stores are resplendent with spring decorations. Roses, tulips, daffodils, myosotis, sweet peas and hyacinths are fine. White carnations and other stock is in profusion. Magna Charta roses, azaleas, genestas and heather are the newer plants. Tulip, daffodil and hyacinth plants are more common. Active preparations are being made for St. Patrick's Day. Green carnations and shamrocks will be very much in evidence.

#### CLUB MEETING.

Last week was an eventful one for the florists; it was one continual round of pleasure. First was the annual election and banquet of the Buffalo Florists' Club, which was the best in the history of the club in point of attendance and entertainment. The election was tantamount to only one contest, that for vice-president between J. Sangster and R. A. Scott, which resulted as follows:

George McClure, Jr., president.  
Jos. Sangster, vice-president.  
Chas. Sandiford, treasurer.  
Wm. Legg, secretary.  
Jerome Deutscher, financial secretary.  
Trustees: W. J. Palmer, C. T. Guenther, W. A. Adams.

After the election all sat down to a banquet at the Hofbrau, which was fine. After the inner man had been satisfied and the cigars lighted Wm. F. Kasting, in his usual affable manner, called on the new president, Geo. McClure, the past president, Jos. Streit, Supt. of Parks Seymour, W. J. Palmer.

L. H. Neubeck, Wm. Legg, Fred Brown and W. A. Adams. Each spoke briefly, as that is the soul of wit at a banquet. The entertainment was very interesting and instructive. Otto Gillis had about 70 lantern slides of scenes, flowers in their natural form, such as clusters of daisies, deutzia and other fine specimens, also some fine arrangements in bouquets. Flashed between these interesting pictures were several features of Kasting's circus daily at 383 Ellicott street. Music was furnished by Parish Lodge quartet and George Troup was the leader. Chas. Hass was the mystery as a Hebrew impersonator. It was very gratifying to see so many new faces, Brookens of Orchard Park, McCarthy of Lockport, Stroth of Attica, Meyers of Lancaster, Ehmam of Corfu and Forbach of Pine Ridge. The younger shoots are very much in evidence and were welcome additions. Henry Kraus, Harry Aust, George Paschke and several others made some of the has-beens sit up and think that ere long they must pass along. There was a very fine, though not large, exhibit of carnations, roses and sweet peas. A. N. Pierson, Cromwell, Conn., had fine vases of his roses, Dark Pink Killarney, Radiance, Lady Cromwell and Prince of Bulgaria. They are certainly fine and were very much admired. Palmer had a fine lot of carnations, also C. T. Guenther, Hamburg. Stroth of Attica had a grand lot of his new pink carnation ideal. Eichholz of Waynesboro, Pa., had a fine vase of Prince Charming. The Wanoka Greenhouses of Barneveld, N. Y., had a fine vase of Rainbow. There were about 75 present and all pronounced it a grand success and voted thanks to the efforts of the committee.

#### NOTES.

Seventeen of the faithful journeyed to Rochester to bowl and root for the return match. They were met by the Rochester boys and taken to the Rochester Hofbrau and entertained at a fine dinner. Cigars were passed and John Dunbar, as toastmaster, called upon Kasting, McClure, Neubeck and Adams for a few remarks, which were responded to with a vim to a good bunch of boys and then all adjourned to the alleys where the event of the evening took place. Buffalo was again

victorious in the five-men team and the three-men match, but what was the difference? Chas. Vick, Mike Keller, George Hart, Fred Vick and all the boys made it more than pleasant for the Buffalo boys and had the result been on the other side we would have been just as happy. When the Buffalo boys returned there was but one thing to say and all agreed that the Rochester boys were there in every way.

BISON.

### Horticultural Society of New York.

The fall exhibition of this society will be held at the American Museum of Natural History from November 3-7. The second monthly exhibition was held, in conjunction with the meeting, at the American Museum of Natural History, West Assembly Hall, March 8. The exhibition in February was encouraging, but the present one was much larger and better attended. Cyclamens and carnations held the center of the stage, but there were many other exhibits, among which were orchids, bulbous and cut flowers. The display of cyclamens was superb, and the competition in the carnations was very keen. The silver medals were awarded to W. Sargent for carnations, F. W. Burton, group of orchids; J. A. Manda, Cypripedium Iris, and Lager & Hurrill, Cattleya Schroediana.

The next exhibition will take place April 12, and will be devoted primarily to the plants and flowers which are associated with Easter. So all who are getting plants and flowers ready for that time would do well to set aside some for this exhibition. The schedules will soon be ready for distribution, and will be sent upon application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y.



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### Pure Culture Mushroom Spawns

Substitution of cheaper grades is thus clearly exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn.



ENGLISH, Best quality, arriving constantly.  
Spawns is from 25 lbs. .... \$2.00  
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AMERICAN, One monthly shipments from the manufacturer include all the varieties.  
Garden City / 25 bricks ..... \$ 3.50  
Pure Culture / 100 bricks ..... 12.00

### VAUGHAN'S SEED STORE,

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## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1910 crop. We are also submitting catalog figures for the 1911 crop of Onion Seed.

Schilder Bros., Chillicothe, O.

#### TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1877.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# A. N. PIERSON, Inc., Cromwell, Conn.

## ROSES

If you are in the market for Rose Stock, and are looking for the best that can be produced, we are ready to serve you.

### DOUBLE PINK KILLARNEY

Grafted plants only. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### DARK PINK KILLARNEY

Grafted plants only. 40c each; \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

### LADY CROMWELL

Grafted plants only. 75c each; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### MRS. AARON WARD

Grafted stock: 40c each; \$4.00 per dozen; \$25.00 per 100; \$200.00 per 1000.

Own root stock: 25c each; \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.

### PRINCE DE BULGARIE

Grafted stock: 2 1/4-inch pots. \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

Own root stock: 2 1/2-inch pots, \$2.50 per dozen; \$15.00 per 100; \$120.00 per 1000.

### MELODY

Own root plants. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### RADIANCE

Grafted stock: \$18.00 per 100; \$150.00 per 1000.

Own root stock: \$10.00 per 100; \$90.00 per 1000.

### Grafted Roses of Standard Varieties

|                  |                         |             |
|------------------|-------------------------|-------------|
| Killarney,       | Golden Gate,            | Bride,      |
| Richmond,        | My Maryland,            | Bon Silene, |
| White Killarney, | Kaiserin Augusta Ivory, |             |
| Bridesmaid,      | Victoria,               | Uncle John, |

And Other Varieties for Forcing.

Selected plants for March delivery. Grafted: \$15.00 per 100; \$120.00 per 1000. A special price quoted on 5,000 or more plants.

### Roses on Their Own Roots

|                  |                            |          |
|------------------|----------------------------|----------|
| Killarney.       | Richmond,                  | Sunrise, |
| White Killarney. | Perle Des Jardins,         |          |
|                  | Kaiserin Augusta Victoria. |          |

From 2 1/2-in. pots, \$6.00 per 100; 50.00 per 1000.

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November 1909. It is a pure bright dark pink of even shade, size 3 1/4 inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000 \$100.00; per 5000 \$400.00. 25 at 100 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

## Asp. Plumosus Nanus

GREENHOUSE GROWN

## SEED

A delayed shipment has just come in; while the seed lasts we quote, pre-paid.

2,000 seeds \$ 7.50  
10,000 seeds 33.00

VAUGHAN'S SEED STORE,

CHICAGO NEW YORK

## Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

324 Dearborn St., CHICAGO.

## Seasonable Stock

### FOR FLORISTS

#### Roses

Crimson Rambler, Dorothy Perkins, Lady Gay, Philadelphia, Hiawatha, Trier, fine forcing grade. \$12.00 per 100

Baby Rambler, crimson and white 15.00 per 100

Frau Karl Druschki, Gruss an Teplitz, La France, Alfred Colomb, Gen Jacqueminot, Magna Charta, Margaret Dickson, Marshall P. Wilder, Paul Neyron, Persian Yellow, for potting. \$12.00 per 100

Standard Roses, fine assortment \$35.00 per 100

Half-Standard Roses, Baby Rambler and Mrs. Cutbush. \$35.00 per 100

#### And Lots of Other Attractive Offers

in our new price list. Send for copy.

And use printed letterhead, please, as we sell to the trade only.

## JACKSON & PERKINS CO.

NEWARK, Wayne County, NEW YORK

Mention the American Florist when writing

## Boston Ferns...

2 1/2-in. \$30.00 per 1000

WHITMAN FERN

2 1/2-in., \$5.00 per 100; \$40.00 per 1000. 250 at 1000 rate.

Magnifica, 2 1/2-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

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## Shamrocks 2-Inch, \$5.00 per 100.

Ferns for Dishes Per 100 Per 1000

2 1/4-in. \$3.50 \$30.00

500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincy St., CHICAGO

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## The Nursery Trade

**American Association of Nurserymen**  
W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Sandusky, Ia., Vice Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16 1911.

ERNEST F. COE, president of the Elm City nurseries, New Haven, Conn., with his wife, is in Japan studying the gardens and plants, especially the marakin pine, agallachum and yew tree, and has reached the conclusion that the Podocarpus chinensis and yew tree are the fittest as garden trees.

THE protest of August Rolker & Son, New York, which claimed that Rosa rugosa plants were dutiable as brier rose plants, and that of George J. Johnston, Kansas City, that merchandise classified as nursery stock was free of duty as evergreen seedlings, have been both sustained by the general appraiser.

### St. Louis.

#### SPRING WEATHER.

The weather is more springlike and flowers are more plentiful with the exception of roses. There will be a number of decorations by the department stores this week, making business for the plantsmen. Fancy ferns are becoming scarce.

#### NOTES.

The Florist Club met March 9, President Connon in the chair, with 25 members present. W. E. Ogle was admitted to membership and two applications received. Action was taken upon the practice of wholesale houses in other cities soliciting business from the department stores. A new violet was shown by H. Jenneman, being grown by Joseph Hauser, Webster Grove. A congratulatory telegram was sent to W. C. Smith.

W. C. Smith, of the Smith Wholesale Floral Co., and Miss Helen G. West, were married at the bride's home in Edwardsville, Ill., March 9, leaving for Chicago after the ceremony. Upon their arrival at the Union Station they found the car had been decorated by friends who awaited their arrival, ready to shower them with rice and slippers.

At the meeting of the Retail Association, a communication was received from a wholesale house in another city, stating that in response to a request received they would stop shipping to the department stores.

Ostertag Bros. decorated the Coliseum for the golden wedding of August Busch and wife, using thousands of yellow narcissus.

A large quantity of flowers was sent to the Boatmen's Hall at the reopening March 8th.

A Siegel and F. Bruenig were busy with store decorations this week.

Fred Aves at Angermueller's has been ill the past week. W. F.

### Glen Cove, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke Hall March 8. President Trepass occupied the chair and there was a good attendance. Chairman Holloway, of the executive committee, gave a report of the eucras and dance, which was held in February and the affair was found to be a great success financially. A very hearty vote of thanks was accorded Mr. Holloway and his colleagues for the very able manner in which they

performed their many and arduous duties. Duncan Beaton was elected to active membership and there were three applications for membership. Henry Cliffe, James Emslie and Geo. Gilder were appointed judges of the monthly exhibits and their decisions were as follows: The society's prize for one cineraria; A. MacKenzie, first; cyclamen, A. MacKenzie, first; stock, A. MacKenzie, first. Honorable mention was awarded E. Marshall for cyclamen; J. Everett, Bride roses; P. Andevart, violets; and P. Peleocchia, chiorcy; certificate of merit to J. Everett, mushrooms; thanks of society to H. Gant for sweet peas and V. Cleres for gardenias. Henry Matz won the cup presented by "Buds" of New York for the best collection of bulbs in bloom.

J. Everett gave a few interesting remarks on the growing of mushrooms, which were listened to by all with interest. It was decided to accept the offer of 500 vases by Mrs. Bucknall and not to hold any flower show the

coming summer. The society's prize in April will be for calceolarias, 25 mixed carnations and sprays of flowering shrubs.

ERNEST WESTLAKE, Sec'y.



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

**The Wm. H. Moon Co.,**  
MORRISVILLE, PA.

## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12 inches to 4 feet will satisfy all in grade and price. Special low prices in car lots for Fall delivery; let me know your wants before parading.

Also a fine stock of **AMPELOPSIS Veitchii**, 2 years transplanted.

**CHAS. BLACK,** Hightstown, N. J.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

**R. VINCENT, Jr. & SONS CO.,** White Marsh, Md.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

## Phoenix Nursery Company

Nurserymen and Florists

BLOOMINGTON, ILLINOIS

Send list oftants for prices.

Wholesale catalogue for Spring 1911 now ready.

—For the Best New and Standard—

## DAHLIAS

— address —

**PEACOCK DAHLIA FARMS,**

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

# Ligustrum Ibot

The Privet Hedge, That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.

# Vaughan's Rose Novelties

Know the Roses that are worth while to grow.

The best dwarf **POLYANTHA** roses for Pots, Forcing or Bedding.

**Jessie.** A brilliant cherry crimson. Field grown, each, 50c; doz., \$5.50; 100, \$40.00.

**Mrs. Taft.** A brighter shade than Baby Rambler.  
2½ in. each, 20c; doz. \$2.00; 100, \$15.00  
3½ in. each, 35c; doz. 4.00.

**Orleans.** A deep cerise with a showy center of white.  
2½ in. each, 20c; doz. \$2.00; 100, \$15.00  
3½ in. each, 35c; doz. 4.00.

**Phyllis.** A bright carmine pink. Field-grown.  
2½ in. each 3c; doz. \$3.00 100 \$22.  
3-yr. each 40c; doz. 3.50 100 25.

**CLIMBERS.** The Cream of the Season's Offerings.

**Climbing Baby Rambler.** Beautiful carmine red. A real everblooming climber. Field grown plants, each 75c; doz. \$8.00.

**Graf Zeppelin.** A brilliant pink having a very reflex.  
2½ in. p-ts, each 35c; doz. \$3.60.

**Wartburg.** Beautiful dark rose with double petals twisted like a Cactus Dahlia. Field grown plants each 50c.

**White Dorothy Perkins.** A grand white Rambler. Bound to be a great favorite. 2½ in. each 15c; doz. \$1.50; 100 \$10.00. Field grown, each, 25c; doz. 2.50; 100, 20.00.

## Vaughan's Seed Store,

84-86 Randolph St., CHICAGO.

25 Barclay St., NEW YORK.

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

## Geraniums

S. A. Nutt ..... \$11.50 per 1000  
 Ricard and Poitevine... 14.00 per 1000  
 Delivery the last of March.

## Coleus

Golden Bedder and Verschaffeltii. .... \$ 6.00 per 1000  
 Standards, in assortment. 5.00 per 1000  
 Giant Leaved. .... 10.00 per 1000  
 Big lot ready all the time.

## Carnations

Late delivery at special prices. Send me a list of your wants for figures.

## Lime

The best ever made for florists' use. Cheaper than the cheapest. Hydrated, pulverized and bagged, at \$4.00 per half ton. Cash before shipment.

**ALBERT M. HERR**  
 LANCASTER, PA.

Mention the American Florist when writing

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft. .... 65c 3 to 3½ ft. .... \$1.00  
 3½ to 3 ft. .... 75c 3½ to 4 ft. .... 1.25

KENTIA NURSERIES, Santa Barbara, Calif.

## Lilies.

Be sure to get your order in early for lilies. 2½c per bud, can give you nice plants ranging from 4, 5, 6 and buds that will be just right for Easter.

GEO. A. KUHLE, Pekin, Ill.

## Boxwood.

A few thousand 6-in. wanted; please state price and quantity.

Key 412, care American Florist.

## COLEUS

We have about 10 varieties of Coeus and Achyranthus, of which we are growing a large quantity.

Get our prices on same in one to ten thousand lots; also list of Silver Leaf Geraniums.

GEO. A. KUHLE, Pekin, Ill.

Albany, N. Y.

Among those who expect to go to the flower show of the S. A. F. at Boston are: F. A. Danker, president of the Albany Florists' Club; Fred Goldring, H. G. Eyles, W. C. Gloeckner, Fred Henkes, E. P. Tracey, William Hannell, Patrick Hyde, Edward F. Meany, and Henry Schrade of Saratoga. The date of departure from Albany has not yet been set. The fare is \$4.50 one way; Pullman lower berth \$1.50, upper \$1.25; drawing room section, \$6.

Members of the senate finance and the assembly ways and means committees were in Ithaca early in the week to look over the state college of agriculture, Cornell University, as a site for some more new buildings. Among the buildings to be erected are the greenhouses for floriculture, for which a bill appropriating \$50,000 has been introduced and is receiving the support of the florists' organizations in the state.

R. D.

## EASTER POT PLANTS



Send in your orders Early for **Easter Blooming Stock.** We have an exceptionally fine lot of the following stock:

**Lilies** in pots, \$12.00 per 100 flowers; plants 4 flowers and up.

**Azalea Van der Cruyssen**, at 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each.

**Rambler Roses**, 4-inch pots, \$3.00 per doz.; 5-inch, \$4.00 per doz.

**Spiraea Gladstone**, 6-inch pots \$6.00 per dozen.

**Japan Maples**, \$1.00 each.

Send for list of Palms, Ferns, Etc.

**The GEO. WITTBOLD CO.,** L. D. Phone Graceland 1 1 2,  
 737-739 Buckingham ce, Chicago

Mention the American Florist when writing

## Seasonable Stock

**Azalea Mollis**, bushy seedlings, 12-15 in., \$25.00 per 100; 15-18 in., \$35.00 per 100.

**Rhododendrons**, best named varieties 18-24 in., \$75.00; 24-30 in., \$100.00 per 100. Bushy seedlings, 18-24 in., \$60.00; 24-30 in., \$75.00 per 100.

**Roses**, Baby Dorothy, White Baby Rambler and Clothilde Soupert, one year, beld grown plants, cut back and grown cool in 3 and 4 in. pots all winter, now in full growth, fine stock \$ 0.00 per 100.

**Nephrolepis Scholzei**, strong 5 in., \$5.00 per dozen; \$35.00 per 100.

**Nephrolepis Bostoniensis**, fine 2½-in. stock, \$4.00 per 100.

**Nephrolepis Scottii**, strong 4 in., \$25.00 per 100.

Send for Catalog No. 5, if you have not received it.

**THE STORRS & HARRISON CO.,** Painesville, O.

Mention the American Florist when writing

## ROSES! ROSES! ROSES! Special Own Root Stock.

**White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,**

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

**Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateauf, Golden Gate,**

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2½-inch pots.

Send for circular.

**J. L. DILLON, Bloomsburg, Pa.**

## Alternantheras.....

Strong, well rooted cuttings; the kind that will please you.

**P. Major**, red, 50c per 100; \$4.00 per 1000. **A. Nana**, yellow, 50c per 100; \$4.00 per 1000. **Brilliantissima**, 60c per 100; \$5.00 per 1000.

**J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa**

## Jacs Smits & Co., NAARDEN, (Holland)

**Azaleas**, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

Mention the American Florist when writing



# Extra Choice Grafted Rose Plants

Pink and White Killarney, Richmond and Maryland

In 2½-in pots ready for delivery April 15th

**\$12.00 per 100**

These young plants are taken only from selected wood of our strongest stock.

**Kaiserin, own root, 2 1-2 in. \$4.00 per 100; \$35.00 per 1000.**

**Bassett & Washburn,**

OFFICE: 76 Wabash Ave., Chicago, Ill.  
GREENHOUSES: Hinsdale, Ill.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, A

## ROSES

See our list in classified columns. Best varieties and best quality. Order today. Stock will be reserved.

Wagner Park Conservatories, Sidney, O.

Cincinnati.

INCREASED DEMAND.

The most gratifying part of last week was the increase in the call for stock. Very many Liliun Harrissii were sold, but the supply greatly exceeded the demand. Roses, especially pink, where in small supply last week. This week began with a good demand for all kinds, and a sufficient supply only of white. Very many more American Beauties could have been used had they been obtainable. Both kinds of Killarneys are still short. Carnations as a whole never have been in quantity to better advantage than now. The cuts are large and quality first rate. An amount of white that is sure to meet requirements is anticipated for coloring for March 17. The general call tends toward light shades. Heavy orders for March 14 were expected to remove the accumulation of red and deep pink. Practically all the bulbous stock offered is good with the possible exception of belated narcissus. Many of these are short-stemmed, but still answer nicely in work. The jonquils, tulips, hyacinths and daffodils seem to sell well this week, where at a corresponding time last week, they were not moving as easily. Callas from the middle of last week to the early part of this week were taken up daily. The sweet peas are in large supply, lily of the valley were conspicuous for absence from Thursday until this week and there is only a limited supply offered. Plenty of violets can be had and the line of green goods is ample.

NOTES.

The regular meeting of the Florists' Society was held at P. J. Olingers, 128 East Third street. The work of the committee on the preliminary schedule to date was ratified. After the meeting the society adjourned to a convivial social session. Everyone pronounced P. J. Olinger a royal host.

C. B. Jones, manager of the Flower Store of Walnut Hills, and Miss Johnson, are to be married on Wednesday, March 15.

Wm. Murphy is ill with a severe attack of bronchitis.



The Long  
Full  
Spikes

of

Gladiolus  
Mrs. Francis King

Are most effective Window and Counter display in summer and early fall and sell at double the price because of their striking color and giant size.

**Bulbs, all bloomers, \$18.00 to \$24.00 per 1000, according to size.**

We are the introducers; this is another of our \$1000 kinds.

**Vaughan's Seed Store,**  
New York. Chicago.

## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

**Lager & Hurrell, Summit, N. J.**

Visitors: J. H. Broxey, of Dayton; C. J. Johnson, of Hamilton, and Ed Fancourt, of Pennock-Meehan Co., of Philadelphia.

ANACONDA, MONT.—R. M. Grieg is preparing for the erection of new greenhouses for the culture of roses and carnations. Wilford Newell, formerly of New York, will have charge of the floral department.

## ORCHIDS

We are one of the largest collectors and importers of Orchids, Investigate us.

**CARILLO & BALDWIN, Mamaroneck, N. Y.**

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

**SANDER, St. Albans, Eng.**  
NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.

# Bobbink & Atkins

## World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250-acre nursery a large variety of material constantly in demand by florists. Our New Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES

**Palms, Bay Trees, Ferns,  
Evergreens, Conifers and Pines,  
Roses, Rhododendrons and Trees,**

**Boxwood and Hardy Herbaceous Plants,  
Flowering Shrubs and Fruit Trees,  
Vines and Climbers, Bulbs and Roots.**

We manufacture **TUBS** in every shape and size for florists. Ask for special list.

Florists are always welcome visitors to our nurseries.

We are only a few minutes from New York city; Carlton Hill station is the second stop on main line of Erie Railroad.

# BOBBINK & ATKINS

Nurserymen and Florists

RUTHERFORD, N. J

## A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; Visad, Castellane, Poltevine Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
Whitman Ferns, 4-in. 25c each. 5-in. 35c.  
Boston Ferns, 5-in. 25c each.  
Vines Var., 2-in. \$2.00 per 100.  
Dracena Ind., 4-in., \$10.00 per 100.  
Dracena Ind., 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
Asparagus Sprengerii, 2-in., \$2.50 per 100.  
Heliotrope, Blue, R. C., \$1.00 per 100.  
Cash with order.

GEORGE M. EMMANS, Newton, N. J.  
Mention the American Florist when writing

## "Nothing but Roses"

Spring List ready

200 old and new sorts, 2½ and 4-in. on own roots.

THE LEEDLE FLORAL COMPANY-  
SPRINGFIELD-OHIO.

Mention the American Florist when writing

## A New Fern Nephrolepis Giatrasii

Awarded a Certificate of Merit by the Horticultural Society of New York.

Prices: In 24 inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates; 250 plants at 1000 rates. Orders delivered in rotation as received.

Now Ready for Delivery.

GEORGE GIATRAS, 463 Summit Ave.,  
West Hoboken, N. J.

Please mention the American Florist when writing

## PALMS, FERNS AND

### Decorative Plants

JOHN SCOTT, Rutland Rd. & E. 45th St.  
BROOKLYN, N. Y.

READING, MASS.—The partnership existing between C. F. Trevor and F. E. Lind, conducting business as the Reading Floral Co., has been dissolved by Mr. Trevor.

## CARNATIONS

100,000 rooted cuttings, strong, healthy guaranteed.

Pink Delight, Dorothy Gordon, Apple Blossom, Wanoka, \$6.00 per 100. \$50.00 per 1000.

Cash or C. O. D. from unknown parties.

Order now for early delivery.

By the way have you ordered

## RAINBOW

the coming Carnation? Awarded A. C. S. Certificate at Pittsburg. Orders booked now for January, 1912, delivery, \$12.00 per 100; \$100.00 per 1000.

Wanoka Greenhouses, Barneveld, N. Y.

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums

Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL,  
New York.

D. U. AUGSPURGER & SONS CO.  
FLORISTS,

BOX 778,

Peoria, Illinois.

## Robert Craig Co..

HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa

## Rooted Carnation Cuttings

For Immediate Delivery

ENCHANTRESS, PERFECTION,

BEACON, \$3.00 per 100;

\$25.00 per 1000.

ROSE PINK and WHITE

ENCHANTRESS, WINSOR,

\$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

Thompson Carnation Co.,  
JOLIET, ILL.

Mention the American Florist when writing

## Verbenas! Verbenas!! Verbenas!

The Gem Bedding Plant.

Send for circular.

J. L. Dillon  
Bloomsburg, Pa.

## CINERARIAS

Fine plants for Easter; also Primulas, Baby and Chinese, in full bloom, out of 4-in. \$5.00 per 100.

Alyssum, double and single, Verbenas, Stocks, Salvia, Phlox, Snapdragon, Ivy, Rose and other Geraniums and Asparagus Sprengerii, fine plants out 2½-in., \$2.00 per 100; 300 for \$5.00.

J. C. SCHMIDT, Bristol, Pa.



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## Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs, Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A. NEW YORK. Telephone Lenox 5644.



## DRAPER'S Recording Thermometer

Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standard and fully guaranteed. Size 14x20 in., price. \$30.00. Size 9x14 in., price. 20.00. THE DRAPER MFG. CO. 152 Front St., New York

## THE STANDARD



## VENTILATING MACHINERY

The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown Ohio.

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using—

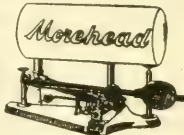
## Morehead Steam Traps

! The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

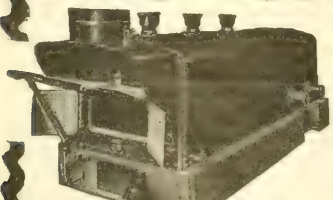
! It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

! The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

! By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO. Department "N" Detroit, Mich.



Send for Catalogue.

What the Users say  
Better and Cheaper than any Other System.

Gentlemen:—

In regard to the Kroeschell Threaded Tube Piping System, I think it is better than standard piping system, not only in being cheaper, but thinner and giving more heat. I found the Generator was a paying proposition and would recommend its use to all using a hot water system. My No. 11 Boiler does the work satisfactory on over 25,000 sq. ft. of glass.

Very truly yours,

C. L. HUMPHREY.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

ZANESVILLE, OHIO, Feb. 11, 1911.

# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

Ageratums, 3-in., \$4 per 100; \$35 per 1,000; rooted cuttings, \$3 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.

Alternantheras, red and yellow, rooted cuttings, 60c per 100; \$5 per 1,000; 2½-in., \$2 per 100; \$18 per 1,000. Moshek Greenhouse Co., Onarga, Ill.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.

Alternantheras, red and yellow, 2½-in., \$12 per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, 6 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ALYSSUM

Alyssum, dbl. dwarf and giant, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alyssum, dbl. and single, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## ARAUCARIAS.

Araucaria excelsa glauca, 6-in., 14 to 16 ins., \$1.25 each; \$14 per doz.; 6-in., 16 to 18 ins., \$1.50 each; \$17 per doz. Robusta compacta, 6-in., 14 to 16 ins., \$2 each; \$22 per doz.; 7-in., 16 to 18 ins., \$3 each; \$34 per doz. Vaughan's Seed Store, Chicago and New York.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria excelsa, 3 tiers, 50c each; \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Araucarias. McFutchison & Co., 17 Murray St., New York.

## ASTERS.

Asters, Dreer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ASPARAGUS.

Asparagus plumosus, 2½-in., \$3 per 100; \$27.50 per 1,000. Asparagus Sprengeri, 2½-in., 2c; 3-in., 4c; 4-in., 8c. Moshek Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus annus seed, per 1,000, \$4; 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Pothound 3-in., Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, Ic. Asparagus Sprengeri, extra heavy 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, \$2 per 100; Sprengeri, \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3½-in., \$5 per 100. Henry Daut, Decatur, Ill.

Asparagus Sprengeri, 2, 2½ and 3-in. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 2½-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## AZALEAS.

Azalea mollis, 12 to 15-in., \$25 per 100; 15 to 18-in., \$35. Storrs & Harrison Co., Painesville, O.

Azaleas. Jacs Smits, Naarden, Holland.

Azaleas. Wm. Tricker, Arlington, N. J.

## BAY TREES.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Asaghi, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new) \$8 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwood, For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fluke, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Gladolus "1900," color, rich red, 2nd size bulbs, 1¼ to 1½-in., \$7 per 1,000; 3rd size bulbs, 1 to 1¼-in., \$5 per 1,000. Thomas J. Oberlin, Sinking Spring, Pa.

Bulbs, hyacinths, tulips, narcissus, crocus, Spireas, gladiolus, peonies, etc. Van Zanten Bros., Hillegom, Holland.

Bulbs, hyacinths, tulips, daffodils, gladiolus, iris, peonies, dahlias, spireas, Gt. Van Waveren & Krulff, 491 Bourse Bldg., Philadelphia.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs, Calla Ellettiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, Lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mile. Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Moshek Greenhouse Co., Onarga, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. Neph's 20th Century red, \$5 per 100. Strictly cash. Neff National Floral Co., Bellevue, Pa.

Cannas, Sec. Chebanne, Cinnibar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

Cannas, 10 vars., \$4 per 100. King Humbert, 3½-in., \$6. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

| ROOTED CARNATION CUTTINGS.                         |         |
|----------------------------------------------------|---------|
| March 15 Delivery,                                 | Per 100 |
| Washington, cerise, a sport from Enchantress ..... | \$10.00 |
| Princess Charming, beautiful flesh pink .....      | 12.00   |
| Sangamo, brilliant flesh .....                     | 6.00    |
| Mary Tolman, deep flesh .....                      | 50.00   |
| Scarlet Glow .....                                 | 6.00    |
| J. Whitcomb, Lily, yellow .....                    | 50.00   |
| Shasta, white .....                                | 6.00    |
| May Day, flesh pink .....                          | 50.00   |
| Enchantress .....                                  | 3.00    |
| Alvina, cerise .....                               | 25.00   |
| White Enchantress .....                            | 3.00    |
| Victory .....                                      | 25.00   |
| CHICAGO CARNATION CO., Chicago,                    |         |
| 35-37 Randolph St.                                 |         |

| ROOTED CARNATION CUTTINGS. |                   |
|----------------------------|-------------------|
|                            | Per 100 Per 1,000 |
| Washington .....           | \$10.00 \$75.00   |
| Sangamo .....              | 6.00 50.00        |
| Mary Tolman .....          | 6.00 50.00        |
| May Day .....              | 3.00 25.00        |
| Beacon .....               | 3.00 25.00        |
| White Perfection .....     | 2.50 20.00        |
| Enchantress .....          | 2.50 20.00        |
| Satisfaction guaranteed.   |                   |

## DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

Carnations, Pink Delight, Dorothy Gordon, Apple Blossom, Wanoka, \$8 per 100; \$50 per 1,000. Rainbow, \$12 per 100; \$100 per 1,000. Wanoka Greenhouses, Burneveld, N. Y.

Carnation, Enchantress Perfection, Beacon, \$3 per 100; \$25 per 1,000. Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, 2nd Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

Carnations. A. M. Herr, Lancaster, Pa.

## CHRYSANTEMUMS.

CHRYSANTEMUMS: rooted cuttings, \$1.50 per 100; 2-in., \$3 per 100 of the following varieties: White and Pink Garza, Buckbee, Enchebard, Bonaffo, Golden Glow, T. Eaton, Pacific Supreme, THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, the best leading varieties, \$1.50 per 100; \$12 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis paniculata, strong, \$10 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**COBEAS.**

Coba Scandens, 3-in., 4c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**COLEUSES.**

Coleus, Standard varieties including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$8 per 1,000; 2 1/2-in., 2c. Moshak Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffeltii, Queen Victoria, Firebrand, Lyons, Hero, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, G. Bedder, Verschaffeltii, \$6 per 1,000; standard asst., \$5; giant leaved, \$10. A. M. Herr, Lancaster, Pa.

Coleus, yellow, red and variegated, 2-in., heavy, \$2 per 100, Wagner Park Conservatory, Inc., Sidney, O.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.

**CROTONS.**

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

**CYCLAMENS.**

Cyclamen, transplanted seedlings, Best Giant common strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 2 1/2-c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Sludelsky & Irwin Co., 1215 Beld, Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**DABLAS.**

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias, hollyhocks, hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 382, Denver, Colo.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

**DAISES.**

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 repaid, 40c. Chas. Frost, Kenilworth, N. J.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

**DRACENAS.**

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 6-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena Indivisa, extra strong, 2 1/2-in., one-year-old, \$8 per 100; \$25 per 1,000. Cash. Henry Duit, Decatur, Ill.

Dracena Brunsii, 4-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

**EASTER PLANTS.**

Easter plants, Lilies, \$12 per 100 flowers. Azaleas Van der Cruyssen, 75c, \$1, \$1.50, \$2 and \$2.50 each. Rambler roses, 4-in., \$3 per doz.; 5-in., \$4. Spirea Gladstone, 6-in., \$6 per doz. Japan maples, \$1 each. The Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

**FERNS.**

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$5 per 100; \$60 per 1,000; 500 at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 6-in., \$2 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, Boston, Pierson, Scottii, 2 1/2-in., 4c; 3-in., 8c; Elegantisima and Whitmanii, 2 1/2-in., 5c; 3-in., 10c. Special prices on large specimens. Moshak Greenhouse Co., Onarga, Ill.

Ferns, Heavy plants, Boston, 4-in., \$15 per 100; Piersonii, Elegantisima, 4-in., 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns, For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page, Vaughan's Seed Store, Chicago and New York.

Ferns, Whitmanii, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

FERNS. Fine stock from 2 1/2-in. pots ready now: NEPHROLEPIS BOSTONIENSIS, the Boston fern, \$3.50 per 100; \$30 per 1,000. NEPHROLEPIS DAVALLIENSIS, the PURCANS, the Fish Tail fern, \$4 per 100. NEPHROLEPIS GOODII, the Baby's Breath fern (new), a greatly improved Amorphoph. \$7 per 100. NEPHROLEPIS PERKINSI, the Tarrytown fern, \$3.50 per 100. NEPHROLEPIS ROOSEVELTII, the Fountain fern (new); see last week's American Florist. The grandest of all ferns, ready June 1, 1911, \$3.50 per doz.; \$25 per 100; \$200 per 1,000. NEPHROLEPIS SCOTTII, the Newport fern, \$4 per 100. NEPHROLEPIS SPRINGFIELDII, the Springfield fern, upright fern for vases, \$3.50 per 100; \$20 per 1,000. NEPHROLEPIS SUPERBISSIMA, the Fluffy Ruffles fern (new), \$6 per 100. NEPHROLEPIS WHITMANII, the Octopus Dumbo fern, \$3.50 per 100. DWARF FERNS for fern dishes, 10 best varieties, \$3 per 100; \$27.50 per 1,000. For larger sized ferns, write for prices. Our list contains everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., the Largest Rose Growers in the World, SPRINGFIELD, OHIO.

Boston ferns, 2 1/2-in., \$5 per 100. Nephrolepis Elegantisima, 2 1/2-in., \$3 per 100. Strong healthy plants, 2 1/2-in., J. M. Cochrane, 548 W. 119th St., Chicago, Ill.

Ferns, N. Scholzei, 5-in., \$5 per doz.; \$5 per 100. N. Bostoniensis, 2 1/2-in., \$4 per 100. Scottii, 4-in., \$25 per 100. Storrs & Harrison Co., Painesville, O.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000. Frank Oeschlin, 4011 Quincy St., Chicago.

Neph. Gladiolus, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Gladiolus, 463 Summit Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Bobbink & Atkins, Rutherford, N. J.

**FUCHSIAS.**

Fuchsias, 6 vars., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**GERANIUMS.**

Geraniums, asst., 2-in., \$2 per 100; 3-in., \$3; ivy geraniums, 2-in., \$2 per 100; 3-in., \$3; ivy geraniums, var. foliage, L. Elegantis, Duke of Edinburgh, 2-in., \$3 per 100; 3-in., \$4. Silver and S. Nutt, and Sophia Damareque, 2-in., \$3 per 100; 3-in., \$4. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vianth and Pottewille, Potteville, Jan. 1, 1911. Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

ROOTED CUTTINGS, All stock, Nutt, Grant, Potteville, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery about April 10. The W. T. Buckley Co., Springfield, Ill.

Geraniums, standard varieties, 2 1/2-in., \$2.50 per 100; \$20 per 1,000; 3-in., 5c. Rose geraniums, 2 1/2-in., 2 1/2-c. Moshak Greenhouse Co., Onarga, Ill.

Geranium Mme. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

RED WING, the best 1910 novelty, deep cardinal red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mme. Sallerol, 2 1/2-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, 15 leading varieties, 2 1/2-in., \$3; 3 1/2-in., \$6 per 100. Leo Wellenreiter, Danvers, Ill.

Geraniums, S. A. Nutt, \$11.50 per 1,000; Rivard and Pottewille, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and 6 other vars., 2 1/2-in., \$3 per 100; 3-in., \$4. Jos. H. Cunningham, Del. City, O.

Geraniums, rose and other kinds, J. C. Schmidt, Bristol, Pa.

**GREVILLEAS.**

Grevillea robusta (silver oak), 3-in., 6c. Moshak Greenhouse Co., Onarga, Ill.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, wild smilax, 60-lb. case, \$5. Fancy and dagger ferns, 10,000 to case, \$1.25 per 1,000. New National Floral Co., Bellevue, Pa.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsonas & Co., 50 W. 23d St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Minter, Ala.

**HARDY PLANTS.**

REAL NOVELTIES AND NOVEL REALITIES IN HARDY PLANTS. The biggest collection offered anywhere, is found in our NOVELTY CATALOGUE, just out. Of great interest to the amateur and commercial grower alike. It describes and illustrates uncommon plants of singular beauty, desirability, and simplicity of growth, inexpensive to acquire. Besides, our low prices, plants are big, making them valuable, in small or large quantities. Along with our illustrated wholesale catalogue of HARDY PERENNIALS, etc., on receipt of three 2c stamps, which may be sent only, and which amount is credited on first order.

PALISADES NURSERIES, Inc., Sparkhill, N. Y. Imperative to mention this paper.

Hardy plants, Aster novae Angliae, rose, \$4 per 100. Conspicua laeudata, \$5 per 100. Gaillardia grandiflora, \$4 per 100. Hibiscus Crimson Eves, \$3 per 100. Hibiscus Moscheutos, \$3 per 100. Maunarda Didyma, \$4 per 100. Platycodon alba grandiflora and Marial, \$3 per 100. Shasta daisy, 4-in., \$2 per 100. Sweet Williams, \$3 per 100. Strong field-grown plants. Norman & Hacker, Painesville, O.

Perennial Seedlings, hollyhocks, under color, \$10 per 100. Bellis and pansies, seedlings, \$4 per 1,000. Helianthus multiflorus, d. pl., \$10 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Herbaceous plants, Bobbink & Atkins, Rutherford, N. J.

Water lilies, Wm. Tricker, Arlington, N. J.

**HELIOTROPES.**

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, 2 1/2-in., 2 1/2-c. Moshak Greenhouse Co., Onarga, Ill.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmans, Newton, N. J.

**HOLLYHOCKS.**

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Alchemilla and in mixture, all \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue, W. W. Wilmore, Box 382, Denver, Colo.

**MOONVINES.**

Moonvines, Ipomoea Maxima, \$4 per 100; the old variety, \$7.50 per 100. Good & Reese Co., Springfield, O.

**IVY.**

Ivy, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

**ISMENE.**

Ismene Calathina, large size, \$4 per 100; small size, \$3 each; \$2 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**LILACS.**

LILACS, Marie LeGraye, pot-grown for forcing, \$1 each; \$9 per doz. Chas. X. pot-grown, for forcing, \$1 each; \$9 per 100.

THE GEO. WITTBOLD CO., Chicago, Ill.

Lilacs, Jace Smits, Ltd., Naarden, Holland.

**LILY OF THE VALLEY.**

To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley, Jace Smits, Ltd., Naarden, Holland.

Lily of the valley, pipes, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**from Storage.**

Lily of the valley pipe, \$1.50 per 100; \$14 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

**LOBELIAS.**

Lobelia Kathleen Mallard and Newport Model, 2-lb., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lobelia Kathleen Mallard, 2½-in., \$2 per 100. Henry Daut, Decatur, Ill.

**MOSS.**

Sphagnum moss, 10-lb. bales, \$4 per bale; 5-lb. bales, \$2.25 per bale. Rooted peat, 90¢ per sack. J. H. Sprague, Barnegat, N. J.

**MUSHROOM SPAWN.**

Mushroom spawn, English, 25 lbs., \$2.00; 100 lbs., \$6.00; American, 25 bricks, \$3.50; 100 bricks, \$12. Vaughan's Seed Store, Chicago and New York.

Mushroom spawn, Lambert's Pure Culture, American Spawm Co., St. Paul, Minn.

**NURSERY STOCK.**

**NURSERY STOCK.** Spirea Van Houttei, 18 to 24 ins., \$3 per 100. Forsythia Y., 12 to 18 ins., \$4 per 100. Deutzia Pride of Rochester, 18 to 24 ins., \$4 per 100. Philadelphia rose, 12 to 18 ins., \$4 per 100. Early Richmond Cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 60¢ each. Delyonise cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50¢ each. THE GEO WITTOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$25 per 100. Borberia Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berried plants, climbing plants, climatic conifers, evergreens, funkias, Japan maples, hydrangeas, Jacs Smits, Lt., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitas (Thuya occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

**ORCHIDS.**

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, cuttles and novelties. Carillo & Baldwin, Seacaucus, N. J.

Orchids, largest stock in the country. Julius Rohrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

**PANDANUS.**

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$9 per doz.; 7-in., \$12 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**PANSIES.**

Pansies (transplanted); these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 6 varieties, 75¢ per 100; \$5 per 1,000. P. A. Baller, Bloomington, Ill.

Kentworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50¢. Chas. Frost, Kentworth, N. J.

Pansy plants, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

**PALMS.**

Palms, Phoenix Rec., 4-in., 25¢ each; \$3 per doz.; \$20 per 100. Latania Borh., 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Palms, for varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Phoenix Canariensis, 2 to 2½ ft., \$35; 2½ to 3 ft., \$45; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms, for varieties and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Palms, Kentias, Joseph Hancock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Bobbink & Atkins, Rutherford, N. J.

**PEONIES.**

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.

**PETUNIAS.**

Petunias, dbl. white and mixed, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**POINSETTIAS.**

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

**PRIMULAS.**

Primula chinensis, 5½-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

**PRIVET.**

California privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$15 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Privet, California, 1 and 2-year plants, Chas. Black, Hightstown, N. J.

Ligustrum ibota, \$5 per 100; \$40 per 1,000; \$25 per 10,000. The Horticultural Co., Worcester, Mass. Nurseries; Castle Hayne, N. C.

**RHODODENDRONS.**

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons, Bobbink & Atkins, Rutherford, N. J.

Rhododendrons, Jacs Smits, Naarden, Holland.

Rhododendrons, Wm. Tricker, Arlington, N. J.

**ROSES.**

ROSES. Thrifts 2-in. stock of P. E. Willard, Mrs. Ben R. Cant, Bride, Bridesmaid Perle, \$2.50 per 100; \$20 per 1,000. Wellesley, Souv. De P. Notting; White Cocchet, Helen Gould, Burbank, Pink Cocchet, White La France, Red La France, Coquette des Blancches, Louis Van Houtte, Kaiserin A. V., Tausendschon, Dorothy Perkins, \$3 per 100; \$25 per 1,000.

La Reine, Jules Margottin, Magna Charta, Chestnut Hybrid, Veltchenblau (blue rose), Flower of Fairfield (everblooming abner), Sunlight, Gloire de L'E., Bruxelles, \$3.50 per 100; \$30 per 1,000. Can furnish the above in large two-year-old plants at \$8, \$9 and \$10 per 100; except Veltchenblau and Flower of Fairfield, we have in 3½-in., at \$12 per 100. Order today. Stock will be reserved for you. WAGNER PARK CONSERVATORIES, Sidney, Ohio.

ROSES. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

ROSES. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

ROSES. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

White Baby Ramblers, in bud, 4-in., \$3 per doz.; 6-in., \$4 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Roses, for prices and varieties see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Newport Fairy, 50¢ each; \$20 per 100. Julius Rohrs Co., Rutherford, N. J.

Roses, hybrid teas. Wm. Tricker, Arlington, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leedle Floral Co., Springfield, O.

Roses, 3-in. Wood Bors., Fishkill, N. Y.

Roses, Dineez & Conrad Co., West Grove, Pa.

Roses, Bobbink & Atkins, Rutherford, N. J.

**SALVIAS.**

Salvia Bonfire and Zurich, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Salvias, Bonfire and St. Louis. The only two varieties, \$1 per 100; \$8 per 1,000, prepaid. Chas. Humfeld, Clay Center, Kans.

Salvias, Zurich and Splendens, 2½-in., 24¢. Mosler & Thompson, Chicago, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvias, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, 2½-in., \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvias, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

**SEEDS.**

Seed, pansy, Matchless, \$4 per oz. New Meteorites, \$3 per oz. New strains, dwarf, trade pkt., \$1. J. Cambridge, Mandeville Road, Enfield Lock, England.

Seeds, Asparagus plumosus nanus, 2,000 seeds, \$7.50; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seed, Asparagus plumosus nanus, \$4 per 1,000; 5,000 for \$18.75. A. Henderson & Co., 61 Wabash Ave., Chicago.

Seeds, cabbage, cauliflower, carrot, mangrel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-65 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Slater Bay, Wis.

Seeds, pansy, 1,000 seeds, 25¢; 1 oz., \$2.25. H. Wrede, Lunenburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, Archias' Seed Store, Box 52, Sedalla, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Peters-Wheeler Seed Co., Hollister, Cal.

Seeds all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, flower, Frederick Roemer, Queidlinburg, Germany.

Seeds, flower, J. J. H. Gregory & Son, 115 Elm St., Marblehead, Mass.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Vick's Quality, James Vick's Sons, Rochester, N. Y.

Seeds, aster, Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 38 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chilli-cotte, Ohio.

Seeds, Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

**Contract growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Ishell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Rodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohmert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Queidlinburg, Germany.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

**SHAMROCKS.**

Shamrocks, 2-in., \$5 per 100. Frank Oechs-lin, 4911 Quincy St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**SMILAX.**

Smilax. Wood Bros., Fishkill, N. Y.

**SNAPDRAGONS.**

Snapdragons, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Snapdragons, seedlings, 1c; 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

**SPIREAS.**

Spiraea Gladstone, 6-in., bud. \$4 per doz. GEO. WITTBOCK CO., Edgebrook, Chicago, Ill.

Spiraea. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Rohrer Co., Rutherford, N. J.

**TRADESCANTIA.**

Tradescantia, Zebrina, 2-in., \$3 per 100. R. Vincent, Jr., &amp; Sons Co., White Marsh, Md.

Spiraea. J. Smits, Ltd., Naarden, Holland.

**VERBENAS.**

Verbena, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Lemon verbenas, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., &amp; Sons Co., White Marsh, Md.

Verbena. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca variegata, 2½-in., \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Vincas, variegated, strong 2-in., \$2 per 100; \$18 per 1,000. C. Humfeld, Clay Center, Kans.

Vincas var., 2½-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vincas var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vincas var., 2-in., \$2 per 100; \$18 per 1,000. Reiser Plant Co., Springfield, O.

**VIOLETS.**

For Sale—Violet Plants, Princess of Wales Luxonne, California, well rooted plants, clean and healthy, \$1 per 100; \$8 per 1,000. Cash with order. Jacques Gillmet, Moylan, Del. Co., Pa.

Princess of Wales violet runners, 50c per 100; \$5 per 1,000. Cash with order. Lampert Floral Co., Xenia, Ohio.

**GOLDFISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO.,

920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Schebler's fine glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart, \$2 per gal.

Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphls Pink, \$6.50 per case of 12 paraffined boxes.

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Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Vacuum heating system, Chicago Pump Co., 1001 Fulton St., Chicago.

Model extension carnation support; galvanized rose stakes. Igce Bros., 266 N. 9th St., Brooklyn, N. Y.

Plant bed cloth, waterproof sheeting, hays, etc. Henry Derby, 123 P. Chambers St., New York.

New Imported florists' baskets, The Reddell Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses, W. R. Jones &amp; Co.,

502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Liechtenberger, 1664 Ave. A, New York.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. I. L. Pillsbury, Galesburg, Ill.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Artificial flowers. The Chicago Artificial Flower Co., 4813 North 40th Ave., Chicago.

Poultry food. J. Bolgiano &amp; Son, Baltimore, Md.

Cat flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Boiler flues, all sizes. H. Munson, 506 N. State St., Chicago.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Glass, Baur Window Glass Co., Eaton, Ind.

Illinois Self-Watering Window and Porch boxes, hanging baskets. American Metal Box Co., 36 Dearborn St., Chicago.

Cast iron reservoir vases. Washington Iron Works, Buffalo, N. Y.

Pansy baskets, plant and fruit baskets. Webster Basket Co., Box 55, Webster, N. Y.

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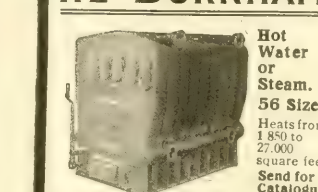
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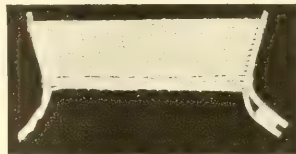
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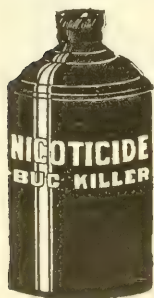
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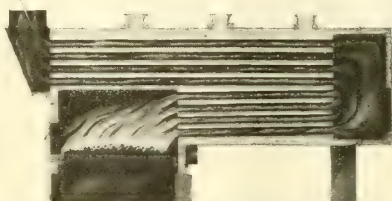
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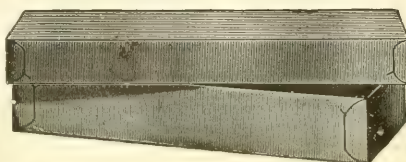


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Mention the American Florist when writing

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Quickly, easily and  
cheaply Mended.  
No tools required.

**Pillsbury Carnation Staple**

2000 for \$1.00 postpaid.

**I. L. PILLSBURY**

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Stands for all that is best in

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Results count and those who have King houses get results because they have lots of time to grow things and the conditions are right.

Let us figure with you. Send for question blanks.

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CHICAGO



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Always mention The American Florist when you order stock. : : :

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|                    |              |                    |              |
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Space on front pages and back cover page is sold only on yearly contract at 4s 2d per inch net. Remit by foreign postoffice money order.

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La place occupée par des annonces sur la première et la dernière couverture ne s'accorde que par contrat annuel au taux de \$1.00 (Fr. 5-15), net, par pouce. Faites remise par Mandat-poste international.

**Spring Number March 29. Send Advs. Early.**



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MATERIAL FURNISHED  
AND  
MEN TO SUPERINTEND  
ERECTION IF DESIRED.  
**CYPRESS SASH BARS**  
ANY LENGTH UP TO 32 FT. OR LONGER.  
**THE A. T. STEARNS LUMBER CO.,**  
NEPONSET, BOSTON, MASS.

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AND  
**Lawn Settees**  
Manufactured by  
**McDONALD BROS.,**  
COLUMBUS, O.

The largest manufacturers of these goods in America.  
Send for catalogues

Mention the American Florist when writing

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10,000, \$1.75: 50,000, \$7.50. Manufactured by  
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Sample free. For sale by dealers.

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Manufacturers and Dealers of

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Every letter marked.

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The most durable white paint for this purpose  
Half barrels, (25 gallons) per gal., \$1.70. 5 gal. pails, per gal., \$1.75.

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Pecky Cypress is the greatest money saver discovered in years. Will  
last at least three times as long as any other wood for bench material.  
We can make immediate shipments at all times from our large stock.

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EATON, INDIANA.

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For sale by Wholesale Seedsmen, Florists  
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Price, \$1.00 per dozen by express. Sample  
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I. M. KRAMER & SON, Cedar Rapids, Iowa

Mention the American Florist when writing

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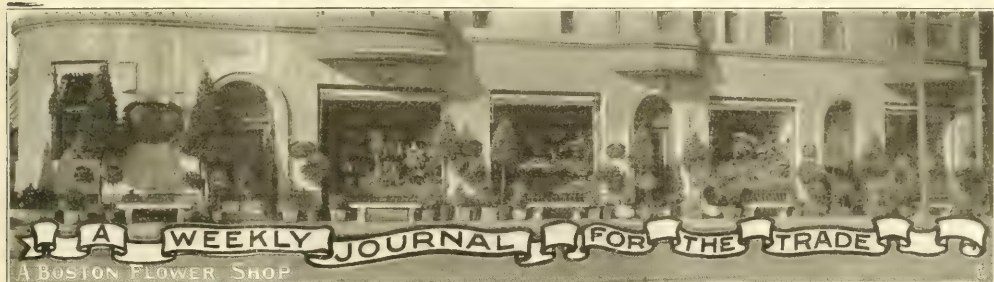
Wholesale and Retail,

**Washington Iron Works,**

BUFFALO, N. Y.

Mention the American Florist when writing

# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, MARCH 25, 1911.

No. 1190

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

Copyright, 1911, by American Florist Company  
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**SOCIETY OF AMERICAN FLORISTS AND  
ORNAMENTAL HORTICULTURISTS.**

OFFICERS—Geo. Asmus, Chicago, President;  
Richard Vincent, Jr., Baltimore, Md., Vice-  
Pres.; H. B. Dörner, Urbana, Ill., Sec'y; Wm.  
F. Kasting, Buffalo, N. Y., Treas. Adjourned  
meeting at Boston, Mass., March 31-April 1,  
Second National Flower Show, Boston, Mass.,  
March 25-April 1, 1911. Chester I. Campbell,  
Manager, 5 Park square, Boston Mass.  
Annual Convention at Baltimore, Md., August,  
1911.

**AMERICAN PEONY SOCIETY.**

Next annual meeting and exhibition June 1911.  
B. H. Farr, Reading, Pa., President; A. H.  
Fewkes, Newton Highlands, Mass., Secretary.

## Grand Combined National Flower Show and Spring Number OF The American Florist

Goes to Press March 29

Advertising Forms Close March 28.

Mail Advertisements Now

### SUGGESTIONS FOR PLANT GROWERS.

#### Callas.

The callas that have been blooming all winter will need considerable stimulant to carry them along to Easter, in order to have good large flowers at that time, at which there is always a good demand. They will require plenty of water from now on, and if in pots, as the sun grows higher and warmer will frequently have to be watered twice a day, for the pots are now full of roots and most of the plant food exhausted. The stimulant can be applied either in liquid form or as a mulch. If in liquid, fresh cow manure is the best, and if there is no tank for this purpose, the manure can be thrown into a barrel of water and stirred and used with a watering can. For a mulch the manure should be quite a little older and partially rotted, and spread upon the top of pot or bench and watered in. Cow manure is preferable for this purpose, but any partially rotted manure will answer, but with the manures containing great heat care should be taken in the quantity used.

#### Caladiums.

One of the most decorative summer plants that can be grown is the fancy leaved caladiums, and if anyone has a window in which they desire to make a display, there is nothing better or more attractive than a group of these highly colored plants. The tubers should be started in March, arranging each size by itself. The largest sized tubers will start the quickest and it is desirable to begin with these for pot plants. They should be started in chopped moss, and the tubers arranged pretty close together, being covered with the moss to the depth of an inch and watered sparingly until new roots begin to develop. The new roots are made from the top of the tuber, so it is important that this part should be covered to encourage root action. For starting, a heat varying between 70° and 85° will suffice. As soon as a healthy lot of roots make their appearance the plants should be potted, using as small sized pots as

possible, and the soil should be principally leaf-mold with a little sand added. In a little while they will need another shift and the soil can be made a little stronger by the addition of a little well rotted manure, but no fresh manure at all should be used. A warm humid atmosphere is necessary for their best development and they require an abundance of water. They must also be shaded from bright sunlight. A nice collection of these highly colored plants are a great addition during the summer months to either a greenhouse or conservatory and are very decorative in window displays.

#### Bedding Stock.

With all the stock for Easter coming on there is no spare room at this time, and in the rush many things that can be deferred are put off, but the bedding stock will require considerable attention now, for it should be growing rapidly. The geraniums will need spacing, for under no circumstances should they be allowed to become tall and drawn. It is too late to attempt to root cuttings now and expect good stock by planting out time, but if any plants are too tall the cuttings may be taken and rooted, and they will do to hold over to grow for stock, especially where there is liability of any variety being short of stock plants. The old stock plants can be cut back and the roots cut off and placed in a four-inch pot, and they will make splendid plants for window boxes or vases. Coleus can be rooted now and the plants after potting should be given a nice, sunny location that the high colors may be intensified. These plants grown in shady locations make very poor specimens, the yellows becoming green and the reds having pale and sickly looking leaves with nothing like the bright coloring which will be produced in the clear sunlight. Heliotropes should have the blooms picked off, that they may branch more freely, and kept in a light location and then allowed to bloom just before planting out time, from when they will continue throughout the summer. Asters, French marigolds, Phlox Drummondii, zinnias and



other rapid growing annuals should be sown and will make fine stock for June planting. The plants that were sown and propagated earlier will need attention, that they neither get pot-bound nor unshapely.

#### Freelias.

As soon as the freelias are through blooming the pots or flats should be placed on a shelf or bench near the glass and gradually dried off, giving the bulbs time to ripen off. Some growers throw their bulbs away, evidently thinking that they are similar to Dutch bulbs, but the freesia is a native of Cape of Good Hope and is really being bloomed at its natural season and a little care and attention on the part of the grower will produce as good a bulb as can be purchased. But they should not be thrown under a bench and no further attention paid to them nor should they be allowed to dry off too rapidly. The new bulbs are being formed and they should be attended to for some little time and then they can be dried off and laid aside until early next summer, when they can be shaken out of the old soil.

#### Sowing Small Seeds.

The sowing and germinating of small seeds is carried on with varying success by many growers, and the seedsman comes in for a great deal of complaint that does not properly belong to him, but is entirely the fault of the man having charge of the seed pans. The soil should be thoroughly sterilized either with steam or boiling water, after having been sifted through a fine sieve. The pans or flats should be filled to within about an inch of the top and the seed sown very thin. The seed will not need to be covered at all, but a thin board pressed on the top of the soil will level and press the seed in. The pans

should then be placed in a warm location and covered with glass which is painted, or a paper spread upon it to keep off the rays of the sun. When the seeds begin to germinate and show growth the shade should be removed, and it is at this period that so many of the young plants are lost. Great care must be taken in watering for the little seedlings damp off very easily and they should be watched continually. A pane of clear glass with one side lifted to allow a small circulation of air will prevent the seed pan from becoming dry and will allow air enough to prevent damping. As soon as the seedlings have developed well-formed leaves they should be potted in small pots and carefully watered until they have obtained a good hold upon the new soil.

#### Water for Plants and Boiler.

ED. AMERICAN FLORIST:

Following is the analysis of water taken from a spring I have just opened on my place. I would like to know if it is all right for plants in a greenhouse, also for boiler?

#### PARTS PER MILLION.

|                     |       |
|---------------------|-------|
| Hardness .....      | 130.  |
| Carbonic Acid ..... | 70.   |
| Alkalinity .....    | 148.  |
| Chlorine .....      | 8.    |
| Iron .....          | 4.    |
| Total Ammonia ..... | 0.180 |
| Total Solids .....  | 335.  |

Let me know what you think of this through your paper.

Pennsylvania.

J. H. O.

There is no objection to the use of this water for the watering of greenhouse plants. It is not, however, the most desirable for use in a boiler.

L. C. CORBETT.

I would not recommend the use of this water in a boiler, as it contains too much calcium and alkali.

W. R. BEATTIE.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

#### Park Floral Co., Denver, Colo.

The removal of the Park Floral Co. of Denver from the store they have occupied at 1706 Broadway into the new building, 1643 Broadway, one-half a square south, has given them a store handsomely fitted with many new and novel features. The lease having been secured before the building was erected gave J. A. Valentine, the president of the company, an opportunity to arrange the office and fittings, so that provisions could be made for every possible convenience for conducting the florist business.

The store proper is ninety feet in depth and has a frontage on Broadway of forty feet. Upon entering, the beautiful finish of the walls attracts the attention, as they are covered with gray friars' cloth divided into panels. The wood work is Oregon fir finished to show the natural grain, and in order to secure beautifully grained wood many thousand feet of lumber were overhauled and the pieces selected. A mantle of tile in dull finish at one end opposite which is a large mirror extending nearly to the ceiling, are attractive features. There are no stationary counters, hard wood tables finished to match the wood work being used instead. The carpet is of solid rubber, dark green with white border, harmonizing beautifully with the wood work and furnishings. It was made to order by the Peerless Rubber Co. and cost nearly \$1,000. An artistic touch is given by the beautiful copper lanterns extending from the walls and ceiling, making the store very light and in the show windows are powerful Tungsten lamps of 1,200 candle power provided with holoplane shades.



EXTERIOR OF THE PARK FLORAL CO.'S NEW STORE, DENVER, COLO.

From the center of the store leading to a spacious conservatory is a wide stairway, underneath which is a glass enclosed room in which are located the cashier's desk and the private telephone exchange. Beneath the conservatory are the workrooms, the height of which is low, but 10 feet, in order

and at initiation some gentle hazing is generally indulged in. This organization has always, whenever they desired, had the use of the kitchen and dining room, which the Park Floral Co. has maintained for years, and some fine banquets have here been held with the usual accompaniment of

#### Dyed Flowers in Paris.

The fashion of dyed flowers is very popular at the present moment in Paris, says The Daily Telegraph, and the expensive flower shops display in their windows roses, tulips and chrysanthemums of such unnatural colors that even the green carnation appears natural in comparison with them. This victory of art over nature, if the transformation of a beautiful white rose into a rose of a vivid and unhealthy green or blue color can be called a victory, is regarded by the National Federation of French Horticulturists with an unfavorable eye, as it attempts itself to accomplish similar miracles by dint of grafting and selection, and it considers the use of artificial color as a fraud. Consequently it has sent its president to discuss the question with the Minister of Agriculture, and to suggest to him that in future the sale of dyed flowers, unless it be expressly stated that their colors are artificial, should be regarded as a fraud, and that the use of any poisonous coloring matter be absolutely prohibited and severely punished. The Minister of Agriculture gave a favorable reply, and pointed out that the law of 1905 concerning adulteration and fraud appeared to be applicable. He promised that an enquiry should be made into the matter.—*Journal of Horticulture.*

**SPOKANE, WASH.**—The finest flower show ever held in the city is planned by the local florists to be held March 28-30. The following florists have signified their intention of making displays: M. Armstrong, A. J. Burt, Hoyt Bros., Inland Nursery & Floral Co., R. A. Jones, Spokane Florists, Spokane Nursery and F. W. Winters & Co.

**DANVILLE, PA.**—Jas. J. Curran, formerly of Chicago and more recently of Salem, W. Va., has entered into partnership with Capt. F. G. Skipwith of the Castle Grove Greenhouses, which embrace some 50,000 square feet of glass devoted mostly to roses. The partners contemplate adding a new house 20x300 feet. King construction, this season. Mrs. Curran is at Germantown visiting her daughter.



OFFICES OF THE PARK FLORAL CO.'S NEW STORE, DENVER, COLO.

that the stairs to the conservatory might be made shorter. Adjoining the salesroom is the wrapping room and next to this a stock room in which are kept the baskets, ribbons and supplies. In the rear of these is a wagon room with cemented floor, with doors opening into the alley and a freight elevator, which runs to the conservatory and basement. An artificial ice plant, with two cooling rooms, is installed in the basement, and an electric fan which carries away all odors and insures plenty of fresh air. A kitchen and dining room are provided in the basement, which are well lighted from the front. These are not in service except during rush times, when good meals are furnished the employees, including one at midnight, without charge, effecting a great saving of time. The settees in the dining room are built on similar plans to Pullman car seats and are quickly converted into couches, provided with mattresses, where a few hours' sleep may be obtained by the tired clerks on the nights before Christmas and Easter.

On the second floor over the salesroom and adjacent store are the offices, which are wonderfully light and cheerful, having 10 windows on Broadway, and four on the side. The office equipment is modern and up-to-date, including vertical files, billing and adding machines, secretary neostyle, desk telephones, dictaphones and addressograph. Settees similar to those in the dining room are also provided. The office view shows the general office with Mr. Valentine's office beyond.

An organization called the Coterie has been formed by the office and selling force, one year's service being the necessary qualification to membership,

toasts, responded to in as eloquent and charming a manner as at more auspicious occasions. The company, as they say, "Pays the freight and gets as good returns as on any other investment."

**BOSTON, MASS.**—Sidney Hoffman has given up his store on the corner of Devonshire and State streets having transferred the lease to Page & Shaw, confectioners.



INTERIOR OF THE PARK FLORAL CO.'S NEW STORE, DENVER, COLO.



## THE PERENNIALS.

### Propagating Phlox.

The increase by seed or otherwise to get up stock to make good depletion by sales, may be carried on the year through if advantage is taken of each season in its turn, and the suitable condition of the plants be noted. One would think that in this day and generation there are no secrets hidden in the art of propagation, but if any reader knows how to get up stock of the double form of *Gypsophila paniculata*, he will confer a favor on many of us. In a general way it may be said that all double flowered plants of herbaceous perennial habit must be increased by division or cuttings, the reproductive organs are replaced by petals, sometimes a few at the commencement which is an accident on the part of nature, and all good hybridists will tell how difficult it is to add to the number of extra parts until occasionally, all at once, we have the perfectly double flower, also an accident.

There is no wizardry or creative power possessed by man yet, in the development of new kinds, fortunate is he that can keep up the standard of existing strains, for the tendency of all nature is to degenerate and in cultivated plants they often seem terribly anxious to get back home to the type. They who see and recognize the least variation from the straight and narrow path of a type, have all the advantages that can be given as a start to a raiser of improved garden plants.

Speaking of reversion, who has not observed an old neglected garden, or a place where a garden once was, perhaps only the cellar-hole remains of what was once a home, there are a lot of tawny day lily roots escaped to the roadside and usually some phlox, these are always of the old purplish variety or species, from which our garden phlox sprung, it does not take long only a generation or two for this to occur. The choice ones cannot make the fight being born of care and cultivation, they seed, however, freely and

result is soon seen in poor varieties. This happens too in gardens, for many people think that our garden phlox does revert, sport they do, but most of the blame must be put on seedlings that appear with freedom among the good ones. It is good practice to cut off all the flower heads as soon as the display is past, in the earlier flowering kinds this often gives a second crop of bloom, the one known as *Le Soleil*, will always flower again in fall.

If roots of phlox were lifted and protected through the winter under glass they will now be growing freely and are in fine condition to make cuttings at this time, a second crop will be produced and often a third, and the taking of these does not injure the roots to a great extent, they may be planted out in spring and do good service. The young stock thus obtained will grow and bloom well the coming summer, making exhibition blooms of first quality, and the white varieties are well worth growing in pots through the summer so they can be protected from rains, and used with profit in their season of bloom in many ways. Old plants should never remain longer than two years in one place unless lifted, divided and enriched liberally. It is much better to plant in another location to avoid stray roots, seedlings and undesirable kinds becoming mixed with the better ones, this is the only way to keep the standard up and varieties true to name. If no clumps are available now for propagation, take the first shoots that appear above ground in spring for cuttings, root and treat them cool as possible, taking only one crop of cuttings, and these will also flower well, but a little later in the year than those of earlier propagation. There is no better way to increase phlox, though it can be done by taking roots proper of fine or scarce sorts, placing these in sand as *bouvardias* and all will grow, but not strong enough to bloom the same year to any extent.

The earliest of garden phlox, *Miss Lingard*, is becoming more appreciated every year, and many are using it now in pots or pans to bloom under glass

for Decoration Day needs, as it forces readily and the color is white with a very pale pink eye when grown inside. It should not be planted with other sorts outdoors as it blooms so early and has a spotty effect among others that bloom later. In grouping phlox for garden effect, considerable forethought is necessary to get proper color combination. It seems best either to thoroughly mix them so that no one color predominates, or to separate the pink ones from the red and white, the last two going well together, the mauve being in a class by themselves, condemned by many and always difficult to provide for. There is no other group of hardy plants that call for as careful planting owing to the mass of color with so little green to relieve it, and now that the ladies are becoming trained and critical as to colors in the garden, it is well to take thought what to buy and propagate. We seem long ago to have reached the limit of perfection in phlox, the older ones are still good and few new ones are being sent out.

Old clumps split up for increase should always be grown a year previous to being sold, most folks object to a part split off another and often think they are being robbed, and they are in a sense, so these should be re-established by the dealer. This is true of all such plants as are called hardy, many are the complaints we hear from buyers that scraps were sent in place of plants, many of them perfectly justifiable but good trade killers.

E. O. ORRET.

NEW LONDON CONN.—S. J. Reuter & Son will soon move into a new store, having leased the entire building on State street at the foot of Main street.

FISHKILL, N. Y.—Upon the invitation of Benjamin Hammond, proprietor of Hammond's Paint Works, hundreds of children of this place and adjoining towns visited and inspected the new buildings. Every child was presented with an orange and souvenir. One boy, in his eagerness to procure these, fell into a barrel of green paint.



HORTICULTURAL HALL, BOSTON, MASS.

Too Small for the Great Show Which Will Be Held in the Mechanics' Building



F. R. Pierson.



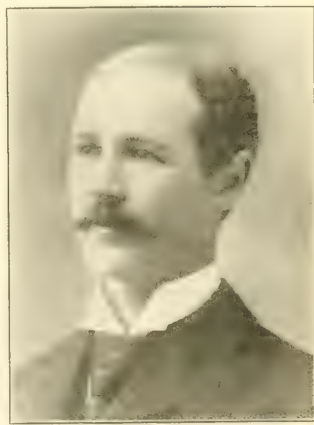
J. K. M. L. Farquhar.



P. Welch.



E. Allan Peirce.



Thos. Roland.

## MEN OF THE HOUR.

National Flower Show Board of Control.

## National Flower Show at Boston.

Mechanics Building will be turned into a bower of beauty on Saturday, March 25, when the great National Flower Show, in connection with the convention of the Society of American Florists assisted by the American Rose, the American Carnation and American Gladiolus Societies, the Sweet Pea Society, the Gardeners' and Florists' Club of Boston, the National Association of Gardeners of America, and the co-operation of our own Massachusetts Horticultural society, will be in session for one week. It has been the custom in Boston to have an annual flower show in Horticultural Hall, and while these have been very interesting and instructive, and also well attended by the public, nothing like the forthcoming tremendous exhibition has ever been attempted in this or any other country. This show will not only be of great national importance, but it will also be of international significance from the fact that exhibits are being received from all parts of the world, showing the in-

tense interest manifested in this vast undertaking. Absolute reproductions of famous Japanese, English and European gardens will be on exhibition full size. Many private estates will exhibit rare flowers and plants, and from the interest and enthusiasm which has been shown all over the country and abroad, it would seem to indicate that this forthcoming National Flower Show will be an event of immense importance. Not only will all floral and plant creation be displayed, but all the innumerable garden accessories will also be on exhibition, as already a great amount of space has been taken up by prominent manufacturers and dealers in these materials. As the entire building has been engaged for this show, there will be plenty of scope for the florists and plant growers to make most elaborate displays, and this they will undoubtedly do on a very large scale. There will be \$10,000 in cash prizes, and many cups offered in competition, and the various florists and growers will vie keenly with each other in the endeavor to capture one or more of the prizes.

## Men of the Hour.

The National Flower Show is almost at hand and a little resume of the men who are responsible for the undertaking, and who form the Board of Control, may not be amiss.

F. R. Pierson, chairman, New York's much thought of son, a graduate of Peter Henderson, one of the most successful florists, also carrying on a large importing trade. As an American Beauty grower he has few equals, and if he did nothing but put up the exhibit at Buffalo of the White Killarney, he has won the title of one of America's foremost rose growers. Mr. Pierson would have made a national reputation as a lawyer had he entered that field. His knowledge and fluency of the English language are what very few attain, and the way he handles any subject or debate shows him to be a pastmaster of the art.

John K. M. L. Farquhar, Scotchman, noted traveler and member of the old established firm of R. & J. Farquhar & Co., seedsmen, Boston. His stock of humor and clear sight



of things make him a leader among men. It has been our pleasure to listen to his lectures on foreign travel and his description was equal to any one we ever heard. Trained amongst the gardeners of the old school he has risen through all the various steps in horticulture, with a knowledge of that art that few attain, a man who can be reached by every one. Member of nearly all societies allied to the trade, his advice is eagerly sought on things pertaining to the craft.

E. Allan Peirce, son of Elisha N. and member of the firm of Peirce Bros. His father started market growing many years ago, and was the leading expert in that line in New England, but saw the possibilities of flower growing and when he died left his two sons a well appointed florist's establishment. The two sons have extended it so that it ranks high in the production of Boston's flower supply, with up to date business methods they have brought it to a high plane. Allan served in the Spanish war. A member of the various clubs and state vice president of the S. A. F., he is regarded as a man who does things and does them quickly and well.

Thos. Roland, Nahant's famous producer of plants. This gentleman has a national reputation for producing a grade of pot plants that cannot be equalled even by the private gardener, everything about his place shows the skill and training that has brought the product to what it is. At Christmas and Easter his plants are sold before they leave the greenhouse. He has one of the choicest and best kept places we ever had the pleasure of seeing.

Patrick Welch, last but not least amongst the giants of the trade, senior member of the firm of Welch Bros. Boston, a man who has come through all the vicissitudes of the trade, seen it rise from a speck to what it is to-

day, the first commission florist in America, whose finger is always on the pulse of the market, a judge of horse flesh as well as a high authority on flowers, a man of rare foresight and keen business acumen, a member of one of the strongest financial wholesale houses in the country. I do not know whether or not he ever kissed the blarney stone, but at any meeting if there is a nice point of law to be settled whether parliamentary or otherwise his advice is usually heeded. At a banquet given some years ago on the firm's attainment of 25 years in business on the menu, under his photo, was printed, "He wears the rose of youth upon him," certainly he is one of the youngest of our old-time florists and a credit to American floriculture.

MAC.

#### Pioneer Florists of Boston.

It hardly seems possible in looking into the many magnificent flower stores of Boston, that it is within the memory of many when there was not a store in the city devoted exclusively to the sale of flowers and plants. What a revelation it would be to some of those who were pioneers in the florist business, could they but see the rapid strides which have taken place not only in the quality of the product, but as well in the magnitude of the business. While we do not pose as a patriarch, yet it was our privilege in our younger days to become more or less intimately acquainted with those who were among the early growers and dealers in and about the city. In the later sixties, as we remember, there were but three stores where flowers were sold, at Tompkins & Hill's drug store, corner of Washington and Winter street, Copeland's restaurant and Curtis & Cobb's fruit store on Tremont street. The flowers were brought into the city from the small greenhouses outside and what a sight a box of one

of the old timers would be today; a few carnations, all short-stemmed, a few roses of different colors, also short-stemmed, a bunch of heliotrope and a general assortment of common flowers like nasturtiums in their season. No designs were made at the stores, there being practically no flower work, as it is termed today, the only thing in arrangement attempted being bouquets and baskets and that if we remember correctly at Curtis & Cobb's, where Edwin Fewkes, for a short time, did flower work. The early florists sold most of their products at their houses, but we remember a few who were always at the weekly shows of the Massachusetts Horticultural Society, and how we gazed at what we then thought was the beautiful workmanship of James O'Brien, James Nugent and James McTear. The two latter died early, but the first named lived until the 90's and worked at his houses at Jamaica Plain, was one of the workers among the florists to uplift the trade, being one of the organizers of the Gardeners' and Florists' Club and its first treasurer. At Floral place, just off of Washington street, near Hollis, now covered with brick buildings, was the greenhouse of William Dooque, one who later became famous for the manner in which he planted out the Public Garden and other parks of the city during his long term as city forester of Boston.

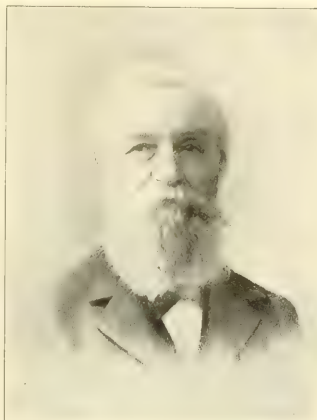
The first store given over to florists' use entirely was started, if we remember rightly, by John Galvin, but he was immediately followed by John Gormley, both stores being located on Tremont, below School street. John Galvin conducted his store and as the sons grew into manhood were taken into the business which was the foundation of the present enterprising house of T. F. Galvin, Inc. Mr. Gormley was located a little farther down the street and having a small green-



RHODODENDRONS ON THE HUNNEWELL ESTATE, WELLESLEY, MAS.



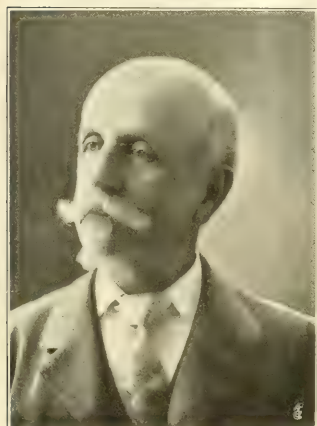
H. Hollis Hunnewell.—1810-1902.



Charles H. B. Breck.—Died 1900.



Francis Parkman.—Died 1899.



Edmund M. Wood.—1837-1901.



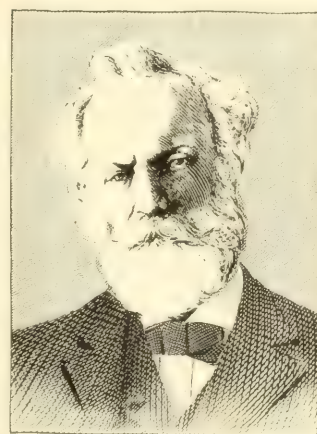
John Galvin.—1823-1901.



Denys Zirngiebel.—1820-1905.



Fred. L. Harris.—1822-1908.

Jas. O'Brien.—1827-1889.  
SOME BOSTON PIONEERS.

James Comley.—1836-1902.





SOUTH STREET GATE, ARNOLD ARBORETUM, BOSTON, MASS.

house in Cambridge marketed his own output. When the stores were started there became a call for the growers outside the city to bring their products in, and we recall a few of the growers of those early days. James Cartwright of Wellesley was among the pioneers to bring his flowers to market and for a number of years he came daily to Boston with his box, once saying "that there never was a day in winter or summer when he couldn't make a good day's pay." He was an early grower of General Jacqueminot roses in winter and his sons followed in the florist line and are today among the honored ones of the craft. The earliest grower in our recollection who seemed to have any idea of the magnitude the business would attain, was George Wilson, of Malden. We remember visiting him in early days when he first started growing carnations and were surprised at his manner of conducting the work. All the plants were in pots, and every one in so far would be found a large tag upon which would be written "Mrs. Haley's soil," or some other name indicating the endeavor to find out what would be the best material for culture. When asked what was to be done with the crop, for it looked large to us, he answered, "It is all sold in New York," showing he was one of the first to ship flowers out of the city. He was very optimistic in regard to the business, and he once told us that we would probably live to see greenhouses built by the acre, a thing which in that day seemed hardly possible. He afterward became a rose grower of note and his forced hybrid perpetuals were a feature on both the Boston and New York markets.

It was but a few years after this that the late E. M. Wood began the construction of the large plant at Natick, now known as the Waban Rose Conservatories. The place early took up the culture of roses, and became celebrated for the quantity and quality of the stock which was produced. Not finding a market in Boston for the whole product it was shipped to New York, where it was advertised in the windows as "Boston roses" and a branch house was opened in Philadelphia. Mr. Wood early saw the possibilities of the florist trade and was always abreast of the times, and from these greenhouses have graduated many of Boston successful florists. Another of the early florists was Joseph Talbot, who has lived to see the many great changes. In his houses could always be found something new, for he was progressive and a great lover of novelties and he introduced in this section many new meritorious plants. An early lover of the carnation he was the producer and dispenser of Grace Wilder, a variety that was the standard light pink until superseded by William Scott. Another pioneer that should not be passed over was Denys Zingibiel, who after being gardener at the Harvard Botanical Garden, built greenhouses at Needham and was a daily visitor to the Boston market until a few years ago when he passed away. He was an ardent admirer of the pansy and greatly improved it. Dorchester became early the greenhouse district and here were located the Norton Bros. who were early rose growers and shippers. Among the pioneers might be also mentioned Frank Becker, who took up the line

of decorative stock and for years was the only grower making a specialty of this line.

It was but a few years later when the pioneers in the wholesale business made themselves known. As has been stated, the late E. M. Wood shipped to New York and Philadelphia, and he opened a store in Boston for wholesale purposes. If we remember rightly, W. J. Stewart took charge of the store and among his employees was Nicholas F. McCarthy. Patrick Welch was employed by Mr. Wood to take the roses from the houses and dispose of them to the retail stores. These three were to be the founders of the wholesale business in Boston. W. J. Stewart, we think, was the first, but was very soon followed by P. Welch, whom with his brothers formed the house of Welch Bros. and this business has grown and increased beyond their most sanguine hopes. N. F. McCarthy was sent by Mr. Wood to superintend the Philadelphia branch and after a few years' stay in the City of Brotherly love, returned to Boston, establishing the house of N. F. McCarthy & Co.

It hardly seems proper to speak of the pioneers of Boston without mentioning some others who though perhaps not growers for the market yet exerted a great influence upon the trade. The Hovey nurseries at Cambridge were growers of flowers, especially the camellia, and from these greenhouses graduated many who became growers of ability. W. C. Strong erected a large range of glass at Brighton, now owned and operated by W. H. Elliott. The seed house of Breck and the labors of Joseph and his son, C. H. B. Breck, and the house of Parker &



AVENUE TO SOUTH STREET GATE, ARNOLD ARBORETUM, BOSTON, MASS.

Wood, all did encouraging work for floriculture. The nearness of the Harvard Botanical Garden at Cambridge and the enthusiastic characteristics of the gardener, Louis Guérineau, as well as his predecessor, Denys Zirngel, did much to enthuse and assist the florists of this section.

ists in this section. Interested in Harvard College and its botanical and horticultural branches, and in floriculture in general, Francis Parkman, the celebrated historian, was an ardent worker with herbaceous and other plants, and greatly interested in the business of the florist.

#### In and Around Boston.

The visitor to Boston will find much that will be of interest for him to see and many places that have become celebrated in history and literature, and we here make note of some such locations that have become renowned.

#### HISTORICAL PLACES OF INTEREST.

Boston and vicinity is especially famous for its historical associations, and while Concord and Lexington and Plymouth are within easy access, yet in the city proper are many places that are widely known and a short journey will cover nearly all of these. A very interesting trip may be taken in the business district, starting from the renowned Boston Common upon which the boys in colonial times demanded of Gen. Gage the right to coast in winter. All subway cars stop or center at the Park Street station, which is located upon the northeast corner of the common, and upon ascending the stairs to the exit, directly in front, will be seen the Park Street Church, one of the old-

est church edifices in the city, with its spire of renowned architectural beauty, and to this building within whose walls doctrines were so preached that it has been given the name of "Brimstone Corner." In the basement of this church and adjoining property are now located the two Boston flower markets. Looking to the left up Park street may be seen the State House with its immense gilded dome, on the crown of Beacon Hill. Adjoining the church on Tremont street is the Granary Burying Ground, wherein are entombed and buried the revolutionary heroes and those whose names made Boston celebrated in colonial and early days. Passing down Tremont street in a northerly direction on the corner of the third street to the right School street, (there are no blocks in Boston) is King's Chapel, the first Church of England in the city and adjoining it is another historical burying ground. Turning down School street in the rear of this church is the City Hall, and directly opposite this building will be seen a very narrow street, Province street, and upon this in colonial days was located the governor's residence. Continuing down School street to the end at Washington street, upon looking to the right will be seen the Old South Church, the first church in Boston, which is always open to visitors. Continuing down Washington street in a northerly direction upon the corner of the second street, State street, will be found the Old State House, wherein the colonial congress met and from whose eastern balcony, surmounted by the lion and the unicorn, the King's proclamations were read. About 100 feet down State street on the left,

near the corner of Exchange street, the close observer will notice that the pavement is in circular form and a tablet upon the building informs him that this marks the site of the Boston Massacre. State street is the Boston "Wall Street," the centre of the financial district. Merchants' Row is the first street to the left and from this a small passage way leads to the site of the hotel from which the Boston Tea Party emerged disguised as Indians. But a step beyond is Faneuil Hall, the "Cradle of Liberty." This building is open to the public and is well worth a visit. Here is located the seed and market district. Directly opposite is the Quincy market, an immense building owned by the city and occupied exclusively for market purposes. A walk through this building will take one within a short distance to the wharves, where the immense shipping interests are carried on and but a short ways from T wharf, the greatest fish shipping point in this country. Another point of interest is the North Church, from whose spire was hung the lanterns that served as signals for Paul Revere. This is located just off of Hanover street and surface cars pass very near.

#### HARVARD COLLEGE AND CAMBRIDGE.

Surface cars in the subway or in the Back Bay district marked Harvard Square, take the passenger to the starting point in visiting the interesting places at Harvard College and in Cambridge. Alighting from the cars at Harvard Square upon the right will be seen the grounds and buildings of Harvard College. Walking through the extensive property of this noted university, with its many buildings



and dormitories, on the northeasterly side, will be found a large building, the Agassiz Museum, in which are to be seen the wonderful collection of the animal and vegetable kingdoms and particularly interesting to flower lovers is the wonderful exhibit of the Blaschka glass flower models. Returning toward Harvard Square, Cambridge common will be seen and upon one side of this stands the Washington Elm, under whose spreading branches General Washington took command of the American troops in revolutionary times. The old church near this tree is very interesting to visit. But a short distance from the Elm is Appian Way, upon which is the home of Oliver Wendell Holmes. A little distance up Garden street will be found the Harvard Botanical Gardens and the home of the late Asa Gray. Other nearby interesting places are the Longfellow's home, the James Russell Lowell house, and Mount Auburn cemetery.

#### BUNKER HILL AND NAVY YARD.

Surface cars marked Bunker Hill, which can be taken by transfer at the North Station, or at City Square, Charlestown from the elevated, carry the visitors to Bunker Hill and by the Charlestown Navy Yard, points of interest to the visitors, and these are but a half hour's ride from the center of the city. The monument stands upon the summit of the hill and from the observatory at the top an extended view of the city and suburbs may be obtained.

#### FAMOUS GARDENS.

A most interesting place for horticulturists is the Arnold Arboretum, in which has been gathered the largest collection of trees in the United States, and this may be reached by taking either the surface or the elevated cars to Forest Hills, and it is but five-minutes walk from the station to the grounds of the arboretum. The Larz Anderson place is but a short distance from the arboretum, and this is one of the show places of the suburbs. The car that goes to Forest Hills by the way of Jamaica Plain, when it passes the soldier's monument, is but 15 minutes walk from this noted place. The Hunnewell gardens at Wellesley have been for years a great attraction for horticulturists and can be reached by taking the train on the Boston and Albany railroad to Wellesley or Natick. At Wellesley barges can be procured at the depot that pass the grounds. At Natick the electric can be taken to South Natick, which is but a short distance from this celebrated place.

#### TWO NOTED BUILDINGS.

The Public Library in Copley square, near the Mechanic's building, is always a point of interest and visitors will greatly admire the paintings by Sargent and others upon the walls. The Art Museum on Huntington avenue is also a beautiful building and worth a visit. These buildings are, we believe, open on Sundays and can be inspected upon that day.

**NORTH YAKIMA, WASH.**—The State Floral Co. has enlarged their greenhouse plant, and they now have six houses, each 150 feet long.

**ROCHESTER, N. Y.**—Plans have been made and work will soon be begun for the public plant houses at the South avenue entrance to Highland Park. William C. Barry, Superintendent of Parks Lane and Assistant Superintendent Dunbar constitute the committee in charge.

#### Famous Boston Gardeners.

A body of men who exerted a large influence upon the florists of Boston were the excellent private gardeners in the adjacent towns, for they were growers of the highest ability and thoroughly versed in horticulture and greenhouse knowledge. They were placed in positions where they were able to procure all the novelties of the day and being, in many cases, generous perhaps to a fault, freely gave to those who were growing commercially. First and foremost among these was Fred L. Harris, who laid out and superintended the renowned Hunnewell place at Wellesley. A thorough gardener in every sense of the word, with a fine knowledge of the growth of trees, shrubs and hardy plants but equally as well posted on greenhouse culture of both plants and fruit. A man with as large a heart as ever beat



C. M. Atkinson.

Another Boston Pioneer Gardener.

in any man's bosom, always glad to meet one interested in horticulture, and free with the best advice to anyone who might ask it, and not only advice but if a wish was expressed for any plant under his cultivation of which stock could be spared, it was immediately given gratuitously, and many a young grower was encouraged and put upon the right track by this grand old man.

A close second was C. M. Atkinson, "Monty" to everybody, who for thirty years was the head gardener on the John L. Gardner place at Brookline, and many are the gardeners and florists who received their early instruction from this splendid man. He was always a prominent exhibitor, an excellent grower, and everything he showed was of the highest merit, and as free with the best of advice as was Mr. Harris. A gardener who never missed an exhibition of the Massachusetts Horticultural Society at either the weekly shows or the large exhibitions, was James Comley of Lexington, who was for a long time the superintendent of the F. B. Hayes estate. A good grower and well posted and a seeker of novelties, he always had something new to place upon the tables, and we

remember with great pleasure the great exhibits of camellias which he staged.

As orchid growers two gardeners of Boston stand preeminent. David Allan, who for a long period was in charge of the Pratt place in Belmont renowned for its beautiful plants and flowers. When these houses were under his charge no florist thought of leaving Boston without making Dave a call, and he was sure of a royal welcome. Besides being a good orchid grower he was a thorough plantsman, and a good grower of fruit under glass, and he also had the faculty of being able to teach others what he knew, for in his greenhouses many good growers received their early instruction. The other noted orchid grower was William Robinson, who made the great collection of orchids on the estate of F. L. Ames at North Easton so celebrated. Enthusiastic and impetuous, he was a master of the then difficult culture of orchids, and the plants and blooms which he produced were a wonder in those days, and would stand well today with the best that are now grown. He was a man strong in his friendship and liberal to a fault, and though taken away early in life, had made a mark in his chosen profession. It was certainly a great pleasure to know and associate with these men and one could not be in their company long without receiving encouragement and excellent ideas.

#### Pennsylvania Horticultural Society

The spring show of the Pennsylvania Horticultural Society opened March 21 with a good entry of exhibits which for quality and careful preparation it would be hard to equal. Bulbous plants in flower were the feature and there was a grand lot of hyacinths, tulips and daffodils, there being keen competition in nearly all the entries for the various prizes so generously offered by H. F. Michell, H. A. Dreer Corporation and H. Waterer which totals up to nearly \$600. When such careful growers as Wm. Kleinhinz, Jos. Hurley, Wm. Robertson, Sam'l Batcheler, John McCleary, John H. Dodds, Thos. Logan and others go after the prizes they each put forth their best efforts and strive to win with the result of everything being about perfection. Next in point of interest to the bulbs were the spiraeas, white and pink, of which there were numerous entries. Splendid *Primula obconica gigantea* were seen. Across the center of the hall were some specimen azaleas. There were also several well flowered pots of the rhododendron *The Pearl* which attracted attention. H. A. Dreer staged choice well grown small sized specimens of choice ferns, palms, caladiums and other plants. *The Cocus Wedelliana* were beautiful. *Cyrtomium Rochfordi* was also a feature. This fern is bound to make its mark. Mrs. F. Sanders, the new white marguerite, was another star of their exhibit. The new *Nephrolepis Giatrasii* was seen and it was a fine specimen. Easter lilies and callas as well as the yellow calla were seen in groups all well flowered. A few well flowered specimens of *Cineraria Stellata* filled up one corner of the hall. Wall flowers were attractive exhibits and a group of antirrhinum at the main staircase landing from John Wanamaker, was the first glimpse of color upon entering the hall. In the midst of this was a large vase of the new scarlet carnation *Miss Dimple Widener*; a great flower this, of which Wm. Kleinhinz should be proud. Thomas Meehan and Sons staged an assortment of Japanese maples and H. F. Michell, H. A. Dreer Corporation and H. Waterer made



NEW YORK FLORISTS' CLUB DINNER AT SHANLEY'S, MARCH 18.

trade exhibits of grass seeds and garden requisites. The attendance the first night was very poor, and some plan to interest the public should be made, even if they were invited to visit the show free of cost. A list of the prizes will be found in the next issue. K.

#### New York Florists' Club Dinner.

The twenty-fourth annual dinner of the New York Florists' Club took place at Shanley's on the evening of March 18. The dinner committee, under the supervision of Chairman C. B. Weathered, with Messrs. Schenck, Shaw, Miller and Koehne as associates, filled their office with credit and here is what they provided:

|                                    |                   |        |
|------------------------------------|-------------------|--------|
| Martini                            | Cape Cod Cocktail | Olives |
| Celery                             | Salted Almonds    |        |
| Furze of Tomato au Crouton         |                   |        |
| Clysmic Spring Water               |                   |        |
| Shad Row a la Shanley              |                   |        |
| Paraleys Potatoes                  | Cucumbers         |        |
| Rack of Spring Lamb                |                   |        |
| New Peas                           | Mint Sauce        |        |
| Chablis                            |                   |        |
| Punch a la Forget-me-not           |                   |        |
| Roast Philadelphia Saub au Cresson |                   |        |
| Salad in Season                    |                   |        |
| Ice Cream                          | Fruit             |        |
| Bordeaux                           |                   |        |
| Assorted Cakes                     |                   |        |
| Cheese                             | Demi Tasse        |        |
| Cigars                             |                   |        |
| Cordial                            |                   |        |
| Rulmart Brut a la Carte            |                   |        |
| Haik & Haik a la Carte             |                   |        |

The tables, some thirty in number, were tastefully decorated with cut flowers. About 250 ladies and gentlemen sat down to the repast, among them being the English visitors, whose names will be found in another column, and who were present as guests of the New York Florists' Club.

President John B. Nugent, Jr., acted as toastmaster and when cigars and coffee were reached several speakers were introduced successively and a vocal and instrumental program was rendered. To the toast, "Our Night," P. O'Mara responded, telling several

amusing stories and finally becoming reminiscent, referred to the growing popularity of our dinners since the custom of inviting the ladies had been inaugurated. F. R. Pierson spoke for the S. A. F. and the coming great show in Boston was his theme. He regretted the fact that he had not been born in the country of the Blarney stone; nevertheless, he had plenty to say regarding the show and made an earnest plea for a large attendance there from this city.

To the toast, "Our English Guests," J. S. Brunton responded. He told how he and his fellow travelers had come over here to pick up things horticulturally and to pick up the English language, and they were making remarkable progress in both efforts. J. Brown, another of the English guests, spoke briefly, remarking that "they had come over here on business bent, and certainly they had been busy enough so far." He paid a high compliment to the ladies present, saying that not in all London could a more beautiful assemblage of ladies be gathered together. C. I. Campbell, when called upon to say something for the Boston show, delivered a message from the Boston Chamber of Commerce, inviting the club members to meet in Boston and help make this the greatest show the world has ever seen. W. E. Wallace, the English carnationist who has been spending a few weeks here and who is the guest of Chas. H. Totty, gave an interesting short talk of his experience here. A silent toast was drunk to our departed members. J. A. Shaw read an original poem.

On behalf of the club members C. B. Weathered presented ex-President A. L. Miller with a diamond pin. Mr. Miller gracefully accepted the gift with a brief speech. It was well after midnight when the program was finished; then all adjourned to another floor where dancing was enjoyed. So passes into history the twenty-fourth annual dinner, conceded by all to be the best ever held.

## OBITUARY.

### Benjamin Washington.

Benjamin Washington of Stoughton, Mass., died at his home March 15 after a short illness, aged 71 years. He bore the distinction of being the only grower of Boston and vicinity who was of African descent, and was a well known figure in the Boston Flower Markets, where he sold his product. He was greatly interested in anything to uplift the colored race. He was a member of Gen. Nelson A. Miles' command U. V. U. of Brockton and had served as quartermaster and sergeant of Post 62, G. A. R. of Stoughton. A son and daughter survive him. The funeral was held Saturday, March 18.

### George Lorentz.

We regret to announce the death of Geo. Lorentz, aged 70 years, a well-known grower of Astoria, L. I., which occurred March 18. Mr. Lorentz has not been among the trade much of late years though he had a wide acquaintance among the older members of the craft. He was an associate member of the New York Florists' Club. He leaves besides his widow, four sons and two daughters. The interment was on Wednesday, March 22.

SAN DIEGO.—Walter Scott, formerly connected with the Coronado Nursery, has opened a flower store at 1335 Fifth street, and will carry besides plants and flowers a stock of seeds and bulbs.

HOUSTON, TEX.—The Texas Orchard Development Co. is preparing a nursery at Chocolate Bayou covering approximately 200 acres. Beside fruit trees a large assortment of roses, shrubbery and shade, and ornamental trees will be planted. A demonstration farm of 100 acres will be maintained.



# THE AMERICAN FLORIST

1835 TWENTY SIXTH YEAR 1911

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earliest if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,**  
324 Dearborn St., CHICAGO.

**THIS ISSUE 64 PAGES WITH COVER**

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DON'T miss the National Flower Show, Boston, March 25 to April 1.

RENEW subscriptions promptly so that no copies of the papers may be missed.

BOSTON is always starting things, and now it is a great national spring flower show.

## Personal.

Ernest Francis Coe, the well known landscape gardener of New Haven, landscape gardener of New Haven, Conn., and Mrs. Coe were welcome visitors March 22, returning from Japan. Mr. Coe says that while they greatly enjoyed their two months' stay in the Mikado's Empire, they are glad to be home again. Considerable material was secured for landscape work now in hand.

Elmer D. Smith and wife returning from the coast, were last heard from at Colorado Springs and are due at Chicago March 25.

The British Horticultural Traders delegation is due in Chicago Friday morning, March 24.

## Ladies' Society of American Florists.

F. R. Pierson, chairman, National Flower Show, has requested the secretary of this society to issue orders for members' season tickets to all those who have paid their 1911 dues. Members will find the secretary at exhibition hall ready to receive dues and issue orders. Be sure and bring your order as no duplicates will be issued. Please wear your badge pin.

MRS. CHAS. H. MAYNARD, Sec'y.

## American Rose Society.

### NEW ROSES ON EXHIBITION.

The exhibitors for the Rose Show are announcing their exhibits much earlier than usual. Brant, Hentz Flower Co. will exhibit a new rose, Madison, of which they say: "This new rose is a cross of Bride, Perle des Jardin and Meteor, the foliage resembling holly, and on account of its hardness rarely mildews. Flowers white, resembling Bride, with large buds, blooming continuously throughout the year, there being very little blind wood. The plants will produce five flowers to the Bride's three." E. G. Hill Co. will show the new rose, Sunburst. Stockton & Howe will exhibit a new one called Princeton. S. J. Reuter & Son will show two new roses, Double Improved White Killarney. A pure white sport from the Waban strain of White Killarney, with much larger bud, double the size of the ordinary White Killarney, of stronger and more vigorous growth, making a larger plant, with heavy deep colored foliage. An excellent summer white, having the necessary body with good keeping qualities and of pure white color. Being an improvement over the ordinary White Killarney in growth, vigor and size, it is also the ideal white for winter, Cerise Pink Killarney. A deep pink sport from Killarney having a velvety sheen and beautiful shading. Deeper than ordinary Killarney at its best and having a heavier bud.

The rose represents 60 per cent of the value of commercial flowers raised in the United States and stands out with unquestioned prominence wherever flowers are grown. The development of out door roses is apparent to every one who travels over this country today, and the nurserymen and plant growers will have a chance to show what can be done at the second division of this exhibition, which is given up entirely to pot roses. Three meetings are provided for, the first to be a general report meeting, when it is expected there will be two able papers presented which will be of great interest to all growers of roses; the second session will be the general business meeting, the election of officers and choice for place of next meeting; and the third meeting will be devoted to the report of Dr. S. S. Sulliger concerning the National Rose Show of England. Richard Vincent, who went to Brussels, will make a report on his trip and W. G. MacKendrick of Toronto, Can., will prepare a paper. These three meetings are hoped to be of popular interest. The State Florists' Association of Indiana a year ago invited the Rose Society to hold its meeting with them in 1912, and an official in-

itation has now been extended to the American Rose Society to meet in the city of Indianapolis in 1912.

BENJAMIN HAMMOND, Sec'y.

## Chicago to Boston.

The Chicago Florists' Club has decided to use the Lake Shore & Michigan Southern Railway on the National Flower Show trip to Boston and arrangements have been made with that company for a special section of the Lake Shore Limited to leave Chicago 5:30 p. m. Thursday, March 23, due in Boston the following evening at 8:30, provided a sufficient number of requests for reservations are received to warrant a special section; otherwise the party will be accommodated in special sleepers attached to the regular Lake Shore Limited, leaving and arriving at the same hours as above quoted.

The rate for the trip is one and three-fifths fare on the certificate plan, which means \$22 going and \$13.20 returning, or a total of \$35.20 for the round trip. Don't fail to ask for certificate at time of purchase. The selling dates are March 22 to 27 inclusive, final return selling date April 5. Passengers from western points should purchase to Chicago only and repurchase here, as no special rates are authorized west of Chicago. Pullman rates: Lower berth, \$5.50; upper berth, \$4.10; compartment, \$15.50; drawing room, \$20.00.

Sleeping car reservations should be made at the earliest possible moment by communicating with G. K. Thompson, General Agent Passenger Department, Lake Shore & Michigan Southern Railway, 180 South Clark street, Chicago. Telephone, Harrison 7600.

## Cleveland to Boston.

The Cleveland Florists' Club will have a special car, Cleveland to Boston, and everyone is invited to join the members on this Lake Shore & Michigan Southern train, leaving the Union Station, Cleveland, Friday, March 24, at 7:40 p. m., and arriving in Boston at 3:40 p. m. March 25. The rate secured is 1-3/5 fare for the round trip on the certificate plan, that is \$14.20 going and \$8.52 returning, or a total of \$22.72 for the round trip. Be sure and ask for certificate when purchasing ticket, lower berth \$3.50, upper berth \$2.80. Reservations should be sent in early to Frank A. Friedley, Rocky River, O.

## Carnation Year Book.

The second Carnation Year Book, issued by the Perpetual Flowering Carnation Society of England, is a very complete volume from the society which is doing so much for the culture and popularity of the "Divine flower" in the British Isles. It is beautifully published and edited by J. S. Bruton, the chairman of the office bearers. It contains a list of the members and reports of its officers and exhibition, and a complete list of carnations registered by the society, and also a list of varieties registered by the American Carnation Society in 1910. It is interesting to note that in the voting contest for the 12 most profitable, 12 best exhibition, 12 best varieties for amateurs and six best fancy varieties the high position American grown varieties obtained. Enchantress is first in the first and third and second by one

vote, to White Perfection in the second, and in the 42 varieties selected all but 11 are of American origin. The book is replete with illustrations of carnations and artistic arrangements of this flower and portraits of its officers and prominent members. The articles furnished by the several writers on the culture of carnations in greenhouses and as bedding out and pot plants are very interesting and instructive, and show the amount of research and cultural interest taken by the writers as well as by the membership of the society, which numbers 270 at the publishing of the year book. The society's show dates for 1911 are May 2-3 and December 5-6 at the Royal Botanic Gardens, Regent's Park.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—By gardener on private place; Chicago preferred; 18 years experience; references in Germany, Switzerland and United States. Address Key 417, care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address Key 392, care American Florist.

**Situation Wanted**—As head gardener or foreman in large commercial establishment; has a thorough knowledge of all branches of horticulture; a specialty in orchid culture. Address C. H. M., 18 East Broadway, Fort Chester, N. Y.

**Situation Wanted**—As head gardener on good private place, or manager or foreman on good commercial place; thoroughly competent in all branches; married; best references; life experience. Address Box 236, Winnetka, Ill.

**Situation Wanted**—Commercial or private place; young man thoroughly qualified in all lines of commercial floriculture and private gardening open to engagement. Experience in Sweden, Germany and Canada; single; with excellent references. G. LUNGBERG, 110 Weber St., Berlin, Ont., Can.

**Situation Wanted**—By Swede, 30, with 14 years experience in landscape and greenhouse work in Sweden, Germany, England and 4 years in this country; first class references; private place preferred; married when suited. Address FLORIST, 1110 N. Clark St. Chicago.

**Situation Wanted**—On private place or institution to take full charge, by one who understands all about trees, shrubbery, flowers and vegetables; have life experience and with the very best of reference; middle age, married; no children; please state wages. Address Key 411, care American Florist.

**Situation Wanted**—Middle age man, single, requires position as head gardener about 15th of April; experienced all around man; specialties exotic plants, carnations (2 years former place) previous experience in Europe, private places and commercial. Reply, stating wages, Address Key 416, care American Florist.

**Situation Wanted**—By gardener and florist; German, 35, good grower of all kinds of cut flowers and plants; understands the work on private places well; (must be best for employer, private or commercial; best of references; state particulars and wages) on April 1st; near Chicago preferred. Address FLORIST, Box 48, Dubuque, Iowa. R. F. D. No. 5.

**Situation Wanted**—Working foreman, strictly sober, age 38, single, German, hustler, with 24 years practical experience in roses carnations, unusual fancy pot plants for Christmas and Easter, quick designer and decorator, landscaping, etc.; first class references; please state full particulars in first letter; Pennsylvania preferred. Address Key 409, care American Florist.

**Help Wanted**—Man to work in small greenhouse and raise Vegetable Plants; \$45.00 per month. A. A. ST. GERMAIN, Kankakee, Ill.

**Help Wanted**—An experienced plant grower to work under foreman; send references and wages expected to THOMAS ROLAND, Nabant, Mass.

**For Sale**—Two excellent greenhouses, nearly new each 23x18 ft.; room for three more houses; right in a city of 75,000 population, central New York; price low. Address Key 415, care American Florist.

**For Sale**—Owing to death of owner, a first class florist plant doing large business, located right in business district of this city, large property, 11,000 feet under glass. Price \$10,000.00; terms. Farmers Loan and Investment Co., St. Cloud, Minn.

**For Sale**—Three greenhouses, 5900 feet glass, good eight-room house, 2 barns, in smart town, 8000 population, no other within 26 miles; stock, tools, horse and wagons all go. Price \$6,500, part cash. Seed for book farm bargains D. E. CORNELL Co., Great Barrington, Mass.

**For Sale**—Up-to-date retail flower store, established nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. F. KNORR, 223 Bergline Ave., Union Hill, N. J.

**For Sale**—Greenhouse, 20x80 ft.; large work-room boiler room and bara, 35x28; lot 10x135; small three room house; local demand for more than you can raise; have sold rest of property reason for selling; price \$2,500; \$500 down, balance 1, 2, 3, 4 years; good start for someone; stamp for reply. DR. F. E. GRAVES, Hinkley, Ill.

**Open for Bargains or Territory**—Vacuum water heating system. Best and quickest system in existence. Heats large house with twelve radiators (800 sq. ft. radiation) in thirty minutes— from cold water. Fifty per cent less piping supplies the radiation. A. T. HOYT, Warren, O.

## Wanted

To buy a range of 5,000 to 20,000 feet of glass, with three to five acres, within 25 miles of Chicago. Must be in working order. Give price, etc., in first letter. Address

Key 418, care American Florist.

## Wanted to Rent.

Established retail place, store, greenhouses, (400-ft.) and dwelling; covers city block; three cemeteries; on street-car line; reasonable terms. Address

Key 401, care American Florist.

## Agents Wanted.

To sell Begonia Bulbs, for large Begonia grower in Ghent, Belgium; write

Key 413, care American Florist.

## Wanted

Plantsman and foreman for large place. Only capable and strictly temperate man need apply. Give age, references and experience. Address

Key 406, care American Florist.

## Nurseryman Wanted

An experienced nurseryman accustomed to shipping and checking orders. Must be strictly temperate; best of references required. State wages wanted.

THE ELIZABETH NURSERY CO., Elizabeth, N. J.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## WANTED.

### Gardener and Florist

For a first-class private estate near Chicago. Single or married; must be neat, sober, no smoker, good worker; first-class all round man, and knows how to handle men to advantage.

Good cut flower and plant decorator in residence. Thoroughly experienced grower in greenhouses and outside, all kinds of plants, flowers and vegetables; especially good rose grower.

Give experience references, number in family, nationality, wages wanted and full particulars in first letter. Address

SUPERINTENDENT, Box 345, Lake Forest, Ill.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

324 Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



Cut Flower  
Folding Boxes  
Satisfaction  
Guaranteed

|         | Per 100 |
|---------|---------|
| 18x5x3  | \$1.75  |
| 21x5x3  | 1.85    |
| 24x5x3  | 2.35    |
| 28x5x3  | 2.90    |
| 30x5x3  | 3.00    |
| 21x8x5  | 2.85    |
| 24x8x5  | 3.50    |
| 28x8x5  | 3.70    |
| 30x8x5  | 4.50    |
| 36x8x5  | 5.50    |
| 30x12x6 | 6.25    |
| 36x14x6 | 7.50    |

### Double Violet Boxes

|        | Per 100 |
|--------|---------|
| 9x4x4  | \$1.75  |
| 9x6x5  | 2.25    |
| 10x7x6 | 2.50    |
| 12x8x7 | 3.00    |

We print boxes free of charge in any quantity.

# EASTER

We can save you money on everything you buy in Florists' Supplies.

We carry the largest stock of Cut Flowers from the best growers in New England. Can fill orders, large or small, send them in. Easter Lilies, Calla Lilies, Jonquils, Tulips, Paper Whites, Hyacinths, Valley, best quality, Carnations of all standard varieties, Pink and White Killarney, Richmond, Rhea Reid, American Beauty, Sprenger and Plumosus.

### Green and Violet Tinfoil

Best Quality, 17c per lb.  
PLAIN TINFOIL, 9c per lb.

### Dagger and Fancy Ferns

Al Quality, \$1.50 per 1000.

### Southern Wild Smilax

\$6.00 per case.

### Brilliant Bronze and Green Galax

\$1.00 per 1000; \$7.50 per 10,000.

### Boxwood

Excellent Quality, 16c. per lb.

Imported  
Cycas Leaves  
Finest  
Quality

|            | Per 100 |
|------------|---------|
| 4x8 inch   | \$2.00  |
| 8x12 inch  | 2.50    |
| 12x16 inch | 3.00    |
| 16x20 inch | 3.50    |
| 20x24 inch | 4.00    |
| 24x28 inch | 5.00    |
| 28x32 inch | 6.00    |
| 32x36 inch | 7.00    |
| 36x40 inch | 8.00    |

## Imported Green and Bronze Magnolia Leaves

Very best quality, \$2.25 per Basket.

We constantly carry a large assortment of Florists' supplies and can fill orders at a moment's notice. Our illustrated catalogue mailed on request.

# Henry M. Robinson & Co.

## Wholesale Commission Florists

### TELEPHONES

Main, 2617 - 2618 - 555  
Fort Hill, 25290-25292

15 Province Street.

Manufacturers and Importers of Florist  
Supplies---Hardy Cut Evergreens

BOSTON, MASS.

9 and 15 Chapman Pl.

### Cincinnati.

#### BRIGHT SPRING WEATHER.

Old Sol is now back on the job and working regularly. In fact we had bright spring weather on Sunday, a thing that has not happened on the preceding five Sabbath days. The others started prettily but ended in rain. Still the rain coming on this first day of the week had one consolation: it did not interfere with work or keep shoppers at home. The quality of all stock is holding up nicely and some, such as roses, are getting better. They are now in stronger supply than for some time. The number of white roses available being greater than that of pink. A good quantity of red and yellow roses, too, were offered. The supply of carnations is still unabated and very large numbers are moved daily. White still commands top prices and clean up regularly though the supply is large. Lillium Harrisii and callas are more abundant than at last writing, and taking all into consideration, the number cleaned up is very satisfactory, although such are not always true of the prices obtained. The supply of bulbous stock seems adequate. A quantity of lily of the valley of excellent quality is offered. Sweet peas clean up. They have not as yet shown the effects of the sunshine, but will probably come in stronger during the next fortnight. Violets find buyers somehow at rock bottom prices. The singles are of excellent quality.

Ed Dennier's home was completely destroyed by fire the past week. The flames fanned by the high winds consumed the structure in a short time. A number of fire engines went from the city but arrived too late; the flames had done their work.

Charles McCrea of Hardesty & Co., has been tendered the democratic nomination for the legislature from the

### LOOK



Patented.

## The New Plant Shipping and Delivery Box

Just what every practical florist  
has been looking for.

Saves three-fourths of the time in packing. Insures safe delivery. Protects from extremes of heat and cold.

See our display at the National Flower Show at Boston, Mass., March 27-April 1.

The New York Florists' Club voted us a Certificate of Merit after seeing the box demonstrated at their meeting March 13, 1911.

### Lord's Frost-Proof Plant Box Co.

920 Nicolet Ave., MINNEAPOLIS, MINN.

Mention the American Florist when writing

eighty-third district of Kentucky. At the last election that he ran for a city office he was the only one on his ticket elected. Should he accept the nomination it's a cinch he will win in a walk.

The county is busy cutting a new road through the premises of R. Wit-

terstaetter and Charlie Brunner on West Price Hill. This thoroughfare will run directly along the ends of Mr. Witterstaetter's greenhouses.

C. E. Critchell, Julius Baer and Fred Gear visited Dayton the past week. Wm. Murphy is over his siege of sickness and is now back at the office.

# Julius Roehrs Company

RUTHERFORD, N. J.

Orchids, Palms, Bays and  
Box Trees, Stove Plants,  
Begonia Lorraine,  
Cyclamen and Easter Novelties

While there they and Geo. Bartholomew used up a considerable quantity of gasoline.

The local delegation, composed of C. E. Critchell and wife, J. A. Peterson and wife and Richard Witterstaetter will all go to Boston via the Big Four Railroad.

Walter H. Mueller has succeeded Hoff who recently succeeded Hauck Bros. at 1325 Central avenue.

We regret to hear of the death of Miss Anderson of Anderson and White, Lexington, Ky..

J. A. Peterson has a large supply of hydrangeas which will be just right for Easter.

Visitors: Frank Farney, representing M. Rice & Co.; F. R. Jessop of Fort Wayne Corrugated Paper Co.

Bowling scores:

|                      | 1st. | 2nd. | Avge. |
|----------------------|------|------|-------|
| Frank Westrich       | 154  | 193  | 174   |
| C. E. Critchell      | 177  | 173  | 166   |
| Albert Sunderbruch   | 175  | 142  | 168   |
| Wm. Schumann         | 134  | 114  | 161   |
| Ray Murphy           | 146  | 163  | 159   |
| Ed. Schumann         | 193  | 160  | 159   |
| Al. Horning          | 132  | 160  | 157   |
| R. C. Witterstaetter | 125  | 161  | 152   |
| Al. Beckman          | 138  | 171  | 151   |
| Wm. Sunderbruch      | 114  | 162  | 150   |
| Chas. Murphy         | 144  | 170  | 156   |
| Lawrence Fritz       | 143  | 148  | 117   |
| C. H. Hoffmeister    | 100  | 124  | 116   |
| O. H. Hoffmeister    | 107  | 146  | 108   |

H.

## Alliance, O.

The bowling team of the Lamborn Floral Co. of Alliance, Ohio, went to Cleveland Saturday, March 18, to bowl the team of the Cleveland Florists' Club a series of three games, total pins. After hard luck and the strangeness of the alley had worn off during the first game, in which the Cleveland bowlers secured a lead of 96 pins, the Alliance flower growers came back good and strong and won the series by 18 pins. The Cleveland posse pickers will try their skill in Alliance after Easter,

## 20 Houses 20

DEVOTED TO

|                            |       |                         |
|----------------------------|-------|-------------------------|
| Rambler Roses              | - - - | 50c to \$10.00 each     |
| Acacias                    | - - - | \$1.00 to \$7.50 each   |
| Azaleas                    | - - - | 35c to \$5.00 each      |
| Marguerites                | - - - | 25c to \$5.00 each      |
| Lilies                     | - - - | 12 1-2 cents per flower |
| Bougainvilleas             | - - - | \$1.00 to \$5.00 each   |
| Heaths                     | - - - | 50c to \$1.00 each      |
| Boronias                   | - - - | \$1.00 to \$5.00 each   |
| Hydrangeas, Pink and White | - -   | 50c to \$5.00 each      |

The above stock will be just right for Easter. Greenhouses 40 minutes from North Station, Boston.

**THOMAS ROLAND**  
Nahant, Mass.

when they hope to regain their lost laurels. The score was as follows:

|           | Lamborn Floral Co. |     |     |      |
|-----------|--------------------|-----|-----|------|
| Bowditch  | 134                | 160 | 169 | 463  |
| Jacobs    | 129                | 128 | 183 | 440  |
| Hillgreen | 124                | 145 | 191 | 460  |
| Eastwood  | 127                | 133 | 186 | 446  |
| Conlin    | 175                | 224 | 192 | 591  |
|           | 688                | 790 | 872 | 2350 |

Cleveland Florist Club.

|            |     |     |     |      |
|------------|-----|-----|-----|------|
| Herb Bates | 192 | 119 | - - | 311  |
| C. Russell | 152 | 128 | 136 | 416  |
| Guy Bates  | 144 | - - | 196 | 340  |
| Geo. Bates | 146 | 158 | 129 | 433  |
| Knoble     | - - | 145 | 232 | 377  |
| Friedley   | 150 | 132 | 173 | 455  |
|            | 781 | 682 | 860 | 2322 |

G. B.



# Big Crop of Roses and Lilies.

Our Lilies Make the Best Window Display at This Season.

## PRICE LIST

### AMERICAN BEAUTIES

|                      |          |                |
|----------------------|----------|----------------|
| Extra long.....      | per doz. | \$6.00         |
| 24 to 36 inches..... |          | \$3.00 to 4.00 |
| 16 to 18 inches..... |          | 1.50 to 2.00   |
| 8 to 10 inches.....  |          | 1.00           |

### Rhea Reid

|                     |          |                 |
|---------------------|----------|-----------------|
| Extra long.....     | per 100, | \$12.00         |
| Good lengths.....   | per 100, | \$8.00 to 10.00 |
| Medium lengths..... | per 100, | 6.00            |
| Short.....          | per 100, | 4.00            |

### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin and Richmond

|                         |          |                 |
|-------------------------|----------|-----------------|
| Extra select.....       | per 100, | 10.00           |
| Good lengths.....       | per 100, | 8.00            |
| Medium lengths.....     | per 100, | \$ 5.00 to 6.00 |
| Good short lengths..... | per 100, | 3.00 to 4.00    |

### CARNATIONS

|                                       |             |                |
|---------------------------------------|-------------|----------------|
| Fancy pink and white.....             | per 100,    | \$3.00         |
| Fancy red, O. P. Bassett.....         | per 100,    | 4.00           |
| Split Carnations.....                 | per 100     | 2.00           |
| HARRISH LILIES.....                   | per doz.,   | 1.50           |
| " ".....                              | per 100,    | 10.00          |
| Lily of the Valley.....               | per 100,    | 3.00           |
| Select Pink and White Sweet Peas..... | per 100,    | 75 to 1.00     |
| Double, Single Daffodils.....         | per 100,    | 2.00           |
| Tulips.....                           | per 100,    | 3.00           |
| Adiantum.....                         | per 100,    | 1.00           |
| Asparagus.....                        | per string, | .40 to .50     |
| Asparagus Sprays.....                 | per 100,    | \$3.00 to 4.00 |
| Ferns.....                            | per 1000,   | 2.50 to 3.00   |
| Galax, Green.....                     | per 1000,   | 1.00           |
| " Bronze.....                         | per 1000,   | 1.00           |
| Smilax.....                           | per doz.,   | \$1.50 to 2.00 |

Buy Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 76 Wabash Ave., Chicago

Greenhouses: Hinsdale, Illinois

### Chicago.

#### STOCK INCREASING.

The pleasant weather which is being enjoyed by all the residents of this great city is very conducive to the production of good flowers and the stock increases from day to day, and in some of the varieties of flowers sent to market is more bountiful than is necessary. Trade is generally reported as being quiet but not more so than is usual at this time of the year. Lent is still with us, and society functions are not as active as early in the winter, consequently the call for floral work is not as strong and trade is always a little lighter for the two or three weeks before Easter. While the stock is very plentiful, yet it mostly moves though somewhat slowly, and there is by no means what can be called a glut, but prices in some cases are very low. American Beauty roses are still a little shy of the call, and there is a good demand for all that are being received. The quantity of the several tea and hybrid tea roses received is very heavy, all the growers cutting excellent crops of the Killarneys and other roses, and the quality in most cases is fine. Elegant long stemmed flowers with fine foliage, and plenty of good shorter stock being seen on all the growers' counters and in the stores. Carnations are being received in great quantities, and are very cheap, some first class blooms being sold very low, and some of poorer grades beginning for a purchaser. Bulbous stock is still plentiful, but the greenhouse stock is nearing its end, some growers think that most of the stock will be gone by Easter. Lilies and callas are quite plentiful, and the price is lower than a few weeks ago, and there is enough lily of the valley. Orchids continue to arrive in quantities sufficient for all demands. Plenty of sweet peas and



Alexander Newitt, St. Joseph, Mo.

After a Missouri Duck Hunt

some of the stock seen is of fine quality, but there is also a large quantity of the short stem goods. Pansies and mignonette, marguerites, snap dragon and other spring flowers are daily forthcoming and looking for purchasers. Greens are plentiful, especially asparagus, which is being shipped in quantities. Hardy ferns are still held at good figures, but southern stock is expected soon.

#### NOTES.

Two teams, representing the Florists' Club bowling league, accompanied by a small crowd of rooters, visited

Milwaukee on March 19, when they played two teams representing the league of that city. Both contests were close and exciting, the locals winning two out of the three games played. The second team lost to the Milwaukee bowlers by a total of 12 pins. The Milwaukee Florists' Club left nothing undone to give the locals a good time and as soon as they arrived an automobile ride around the city was enjoyed, which ended at the Hotel Charlotte, where a bountiful spread awaited them. After all had satisfied their appetite they went to Steink's alleys where the bowling match took place. After the bowling was over the visitors were treated to another surprise when they were invited to partake of a luncheon which was prepared for them. Lubliner & Trinz, the local florists, who have two theaters in the Cream City, invited the entire party to the evening performance, but owing to the late hour they were unable to attend. Words cannot express appreciation of the courtesies shown the visitors.

Fred Hoerber says that the crops are in splendid condition in their greenhouses at Des Plaines, especially the Killarney and White Killarney roses, which are producing heavily now. The sweet peas and mignonette that they are cutting are of good quality.

The Easter stock at Frank Ochelin's greenhouses on Quincy street is in fine condition, and the early orders indicate a good demand for blooming plants for the Easter trade.

Miss Hertha Tonner sold the first Spanish Iris of the season last week, at her stand in the Flower Grower's Market.

D. Peres of the Flower Grower's Market is fixing up the room in the Atlas building which he will occupy May 1.

Geo. Reinberg is cutting very heavily now of Richmond roses of good quality.

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

## EASTER LILIES

**They Will Be in Full Bloom for Easter.**

80,000 to 100,000 clean, healthy plants with luxuriant foliage are ready for Easter booking now, at the following prices; all shipments made direct from our greenhouse, if desired.

**Pot Lilies** Carefully crated and wrapped to keep clean and protected; shipped in paper pots if so ordered. No extra charge for packing.  
Extra select plants, per bloom.....\$15.00 per 100  
Choice plants, per bloom.....12.00 per 100  
Short plants, per bloom.....10.00 per 100

**Cut Easter Lilies** Large, magnificent blooms in quantity to meet all demands. Send along your order; will fill it to your satisfaction.  
Extra select, long,.....per 1000, \$125.00; per 100, \$15.00  
Choice,.....per 1000, 100.00; per 100, 12.00  
Short,.....per 1000, 80.00; per 100, 10.00

**Plenty of all Other Seasonable Stock.**

**Orchids, Valley, Sweet Peas, Easter Lilies, Spring Flowers, Short and Medium Roses** enough to fill all orders.

**CURRENT PRICES, Subject to Change Without Notice.**

| AMERICAN BEAUTIES                                  | Per Doz.               |
|----------------------------------------------------|------------------------|
| Specials .....                                     | \$6.00                 |
| 36-inch .....                                      | 5.00                   |
| 30-inch .....                                      | 4.00                   |
| 24-inch .....                                      | 2.50                   |
| 18 to 20-inch .....                                | 1.50                   |
| 12 to 15-inch .....                                | \$1.00 to 1.25         |
| Short stem .....                                   | per 100.. 4.00 to 6.00 |
|                                                    | Per 100.               |
| KILLARNEY, extra .....                             | 12.00                  |
| Select .....                                       | 10.00                  |
| Medium .....                                       | \$6.00 to 8.00         |
| Good Short .....                                   | 4.00                   |
| RICHMOND, extra .....                              | \$12.00                |
| Select .....                                       | 10.00                  |
| Medium .....                                       | \$5.00 to 8.00         |
| Good Short .....                                   | 4.00                   |
| MY MARYLAND, extra .....                           | 12.00                  |
| Select .....                                       | 10.00                  |
| Medium .....                                       | \$6.00 to 8.00         |
| Good Short .....                                   | 4.00                   |
| WHITE KILLARNEY, extra .....                       | 12.00                  |
| Select .....                                       | 10.00                  |
| Medium .....                                       | \$5.00 to 8.00         |
| Good Short .....                                   | 4.00                   |
| PERLE, long .....                                  | 6.00                   |
| Medium .....                                       | 4.00                   |
| Our Extra special grade Roses charged accordingly. |                        |

|                                               | Per 100                |
|-----------------------------------------------|------------------------|
| CARNATIONS, fancy .....                       | 3.00                   |
| " common .....                                | 2.00                   |
| ORCHIDS, Cattleyas, per doz.....              | \$4.00 to 6.00         |
| HARRISII and CALLAS, per doz.....             | \$1.50..... 10.00      |
| NARCISSUS PAPER WHITE.....                    | 3.00                   |
| JONQUILS .....                                | 3.00                   |
| DAFFODILS .....                               | 3.00                   |
| TULIPS .....                                  | \$3.00 to 4.00         |
| FREESIAS .....                                | 3.00 to 4.00           |
| ROMANS .....                                  | 3.00 to 4.00           |
| VALLEY .....                                  | 3.00 to 4.00           |
| VIOLETS, double .....                         | .60 to .75             |
| VIOLETS, Single, Princess of Wales.....       | .75                    |
| VIOLETS, single, California.....              | .50                    |
| MIGNONETTE, large spikes.....                 | 4.00                   |
| SWEET PEAS .....                              | .75                    |
| ADIANTUM CROWEANUM .....                      | \$1.00 to 1.50         |
| SMILAX .....                                  | per doz., 1.50 to 2.00 |
| SPRENGERI, PLUMOSUS SPRAYS .....              | 3.00 to 4.00           |
| PLUMOSUS STRING .....                         | each .60               |
| FERNS .....                                   | per 1000 2.50          |
| GALAX .....                                   | per 1000 1.25          |
| LEUCOTHOE .....                               | per 100 .75            |
| BOXWOOD, per bunch, 35; per case of 50 lbs .. | 7.50                   |
| WILD SMILAX, 50 lb. case.....                 | 5.00                   |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other.



# Tulips, Valley, Violets, Extra Fancy Cattleyas and Beauties

Killarney, Pink and White, Richmond, Bride and Maid  
Boxwood, Ferns, Leucothoe and Mexican Ivy

Plenty of all other  
Seasonable stock. and Fancy Carnations in good supply.

## CURRENT PRICE LIST

| American Beauty |  | Per doz.               | Bridesmaid, fancy  |  | Per 100                    | Freesias                          |  | Per 100          |
|-----------------|--|------------------------|--------------------|--|----------------------------|-----------------------------------|--|------------------|
| Extra long      |  | \$6 00                 | select             |  | \$10 00                    | Mignonette                        |  | \$3 00 to \$4 00 |
| 36-inch and up  |  | 5 00                   | medium             |  | 8 00                       | Paeon Whites                      |  | 4 00 to 8 00     |
| 30 inch         |  | 4 00                   | good short         |  | 6 00                       | Romans                            |  | 3 00 to 4 00     |
| 24 inch         |  | 3 00                   | Bride, fancy       |  | 10 00                      | Sweet Peas                        |  | 50 to 1 25       |
| 18 to 20 inch   |  | 2 00                   | select             |  | 8 00                       | Tulips                            |  | 3 00 to 4 00     |
| Short stem      |  | \$1 00 to 1 50         | medium             |  | 6 00                       | Valley                            |  | 3 00 to 4 00     |
| 12 to 15 inch   |  | per 100. 8 00 to 10 00 | good short         |  | 3 00 to 4 00               | Violets                           |  | 50 to 75         |
|                 |  |                        | My Maryland, fancy |  | 10 00                      | Adiantum                          |  | 75 to 1 00       |
|                 |  |                        | select             |  | 8 00                       | Asparagus Plumosus, extra quality |  |                  |
|                 |  |                        | medium             |  | 6 00                       | per bunch                         |  | \$ 35 to \$ 50   |
|                 |  |                        | good short         |  | 3 00 to 4 00               | per string                        |  | 50 to 60         |
|                 |  |                        | CATTLEYAS          |  | per doz., \$6 00 to \$7 50 | Sorengeri                         |  | \$3 00 to 4 00   |
|                 |  |                        | Harrist Lilies     |  | per doz., 1 50             | Boxwood 25c per lb., 50-lb. case  |  | \$7 50           |
|                 |  |                        | Callas             |  | per bunch, 12 50           | Fancy Ferns                       |  | per 1000. 3 00   |
|                 |  |                        | Fancy Eupatorium   |  | per bunch, 50              | Galax                             |  | per 1000. 1 25   |
|                 |  |                        | Carnations, fancy  |  | per doz., \$2 01 to 3 00   | Smilax                            |  | per doz., 1 50   |
|                 |  |                        | 1st quality        |  | 1 50 to 2 00               | Mexican Ivy                       |  | 75               |
|                 |  |                        |                    |  |                            | Wild Smilax                       |  | per case, 5 00   |

# VAUGHAN & SPERRY

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

Wm. Lynch, of E. H. Hunt's cut flower department, states that the call for small shamrock pot plants for the St. Patrick's day trade was very large, and Clifford Pruner of the supply department says that the demand for baskets for the Easter trade is better than in former years, particularly for pot covers, of which a large number have been already ordered.

Poehlmann Bros. Co. is cutting some exceptionally fine Richmond roses with extra long stems that are sold readily at good prices. A large demand for cut lily blooms and lilies in pots for the Easter trade is already reported.

J. A. Budlong's Blue Ribbon lily of the valley is very popular with the trade and a large quantity is sold every day. This firm is also producing a very fancy grade of My Maryland roses at present.

Chas. W. McKellar is showing his customers a good supply of single and double stocks and a fancy grade of Cattleya Schroederiana. He says the triana crop is nearly finished.

Samuel Murray, the well known florist of Kansas City, and Frank Stuppy, with the Stuppy Floral Co. of St. Joseph, Mo., left March 18 for Detroit after a brief stop in the city.

At the Peter Reinberg store the stock is arriving in large quantities, enough to meet the demands. The Killarney and White Killarney roses are of excellent quality.

Wietor Bros. are filling a large number of orders for a choice grade of carnations and roses, the Mrs. Jardine that they are cutting are extra fine quality.

J. A. Schmidt is enjoying a busy season at his store on Wentworth avenue, trade in general being very satisfactory.

Vaughan & Sperry are supplying their customers with a fancy grade of



## ORCHIDS

..A Specialty:

A fine stock of Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

CHAS. W. MCKELLAR

51 Wabash Avenue,  
CHICAGO.

lily of the valley, violets, Killarney and White Killarney roses.

The Butler Floral Co. has opened up another store at Thirty-first street and Cottage Grove avenue.

Kyle & Foerster are showing a splendid grade of sweet peas and a full line of bulbous stock.

The Killarney and White Killarney roses that the A. L. Randall Co. is receiving are of good quality.

A new store under the name of Stollery & Moore has opened at 4627 Evanston avenue.

U S Budlong's  
E Blue Ribbon Valley.

John Braje is having a good call for funeral work at his store at 1630 Ballou street.

IT WILL BE  
WELL WORTH WHILE

To Be Strongly Represented in  
the Advertising Pages of the

Grand Combination  
National Flower Show  
AND  
Spring Number  
OF  
The American Florist

Which Goes to Press

**MARCH 29**

(Advertising Forms Close March 28)

With Exhibition Report to Date.

Advertising Rates: One inch, single column width, \$1.00; Page of 30 inches, \$30.00; Half-Page, \$15.00; One-Fourth Page, \$7.50, each insertion, with the usual discounts on a series of consecutive insertions.

**AMERICAN FLORIST CO., 324 Dearborn St., CHICAGO.**

**DON'T MISS THIS ISSUE  
AND SEND ADVTS. NOW**



# ROSES

Extra Fancy KILLARNEY and WHITE KILLARNEY in large supply. Also a splendid grade of CARNATIONS in all the Leading Varieties.

## PRICE LIST:

### AMERICAN BEAUTIES

|                   | Per Doz. |
|-------------------|----------|
| Extra long.....   | \$5 00   |
| 36-inch stem..... | 4 00     |
| 30-inch stem..... | 3 50     |
| 24-inch stem..... | 3 00     |
| 20-inch stem..... | 2 50     |
| 18-inch stem..... | 2 00     |
| 16-inch stem..... | 1 50     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                      |  |
|----------------------|--|
| Richmond.....        |  |
| Killarney.....       |  |
| White Killarney..... |  |
| Field.....           |  |
| My Maryland.....     |  |
| Uncle John.....      |  |
| Bride.....           |  |
| Ivory.....           |  |
| Sunrise.....         |  |
| Gate.....            |  |
| Perle.....           |  |

|              | Per 100 |
|--------------|---------|
| Special..... | \$10 00 |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |
| Select.....  | 8 00    |
| Medium.....  | 6 00    |
| Short.....   | 4 00    |

ROSES, OUR SELECTION, AN EXTRA GOOD GRADE, \$4.00 per 100.

### CARNATIONS

|                 | Per 100      |
|-----------------|--------------|
| Fancy.....      | \$3 00       |
| Common.....     | 1 50 to 2 00 |
| Sweet Peas..... | 75 to 1 00   |
| Jonquils.....   | 3 00 to 4 00 |
| Daffodils.....  | 3 00 to 4 00 |

|                | Per doz., \$1 50  | Per 100       |
|----------------|-------------------|---------------|
| Harrisii.....  |                   |               |
| Valley.....    |                   | \$4 00        |
| Violets.....   |                   | \$ 75 to 1 00 |
| Adiantum.....  |                   | 1 00          |
| Asparagus..... | per bunch, \$0 50 |               |
| Ferns.....     | per 1000, 3 00    |               |

Subject to change without notice.

**PETER REINBERG,** 35 Randolph St., **Chicago**

J. A. Sikuta is enjoying good business at his new store at 34 State street, which was opened last week. It is a very neat and attractive store and a credit to the proprietor. Mrs. Sikuta will have charge of the store at Twelfth street and Fortieth avenue, which they have conducted for a long time.

Manager Pyfer of the Chicago Carnation Co. says that they shipped 50,000 rooted carnations last week and expect to deliver as many more this week. Superintendent Olsem will leave March 26 for Boston with the carnations which they will exhibit at the National Flower Show.

Bassett & Washburn will make an exhibit of Rhea Reid and Bridesmaid roses and O. P. Bassett carnations at the National Flower Show at Boston. C. L. Washburn will attend the show and will leave with the Chicago party.

The time is now here for all early planting of seeds as well as nursery stock and perishable plants may almost go in ordinary cars, although there were some lots frozen in this vicinity March 17.

Stollery Bros., the Wilson avenue florists, will have a fine crop of lilies for their Easter trade, the crop in the greenhouses on Southport avenue being in splendid condition.

During the absence of E. E. Pieser, Michael Fink is looking after the trade at Kennicott Bros. Co.'s store. Mr. Pieser is expected home next week.

Among the high grade stock at the store of J. B. Deamud Co., the long stemmed sweet peas of excellent quality were especially noticeable this week.

Mrs. Ed. Misiewicz's mother is seriously ill at her home at 1166 Milwaukee avenue and fears are entertained for her recovery.

Henry Van Gelder of Percy Jones is satisfying his trade with a fancy

## CUT FLOWERS

### CURRENT PRICE LIST

#### ROSES

|                      |                            |
|----------------------|----------------------------|
| American Beauty..... | per doz., \$1 50 to \$6 00 |
| White Killarney..... | 4 00 to 10 00              |
| Killarney.....       | 4 00 to 10 00              |
| My Maryland.....     | 4 00 to 10 00              |
| Richmond.....        | 4 00 to 10 00              |

Extra special roses billed accordingly.

#### MISCELLANEOUS

|                                      | Per 100          |
|--------------------------------------|------------------|
| Violets, double.....                 | \$0 75 to \$1 00 |
| single.....                          | 50 to 75         |
| Sweet Peas, fancy.....               | 50 to 75         |
| medium.....                          | 50 to 75         |
| Easter Lilies.....                   | 10 00 to 12 50   |
| Callas, per doz., \$10 00 to \$12 50 |                  |
| Valley, select.....                  | 3 00             |
| special.....                         | 4 00             |
| Daisies, white and yellow.....       | 1 00 to 2 00     |
| Jonquils.....                        | 3 00             |
| Daffodils.....                       | 3 00             |
| Paper Whites.....                    | 3 00 to 4 00     |
| Romans.....                          | 3 00             |
| Freelias.....                        | 4 00             |
| Tulips.....                          | 3 00 to 4 00     |

|                                     |                        |
|-------------------------------------|------------------------|
| Orande Blossoms, large cluster..... | \$1 00 to \$1 50       |
| Orchids, Cattleyas.....             | per doz., 6 00 to 7 50 |
| Gardenias.....                      | 4 00                   |

#### CARNATIONS

|                              | Per 100          |
|------------------------------|------------------|
| Good.....                    | \$1 50 to \$3 00 |
| Select, large and fancy..... | 3 00             |

#### DECORATIVE

|                                     |                  |
|-------------------------------------|------------------|
| Asparagus Plumosus, per string..... | \$0 50 to \$0 75 |
| Farlyense.....                      | 35 to 50         |
| Asparagus Sprengeri, per bunch..... | 25 to 50         |
| Adiantum, fancy, long.....          | \$1 00           |
| Farlyense.....                      | \$8 00 to 10 00  |
| Smilax.....                         | 25 to 50         |
| Mexican Ivy.....                    | per 1000, 6 00   |
| Ferns.....                          | 3 00             |
| Galax.....                          | 1 00             |
| Leucothoe Sprays.....               | 75               |

Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

## CHICAGO CARNATION CO.

A. T. PYFER, Manager.  
Phone Central 3373.

35-37 Randolph St., CHICAGO

grade of carnations in the leading varieties.

O. P. Bassett will celebrate another birthday anniversary April 2 at the Hotel Leighton, Los Angeles, Calif.

Frank Kral, 1907 South Halsted street, is another florist who is having a good call for funeral work.

The E. C. Amling Co., is showing an exceptionally good grade of lilies this week.

H. C. Blewitt will build another house this season which will be devoted to the growing of sweet peas

**U S Budlong's**  
**E Blue Ribbon Valley.**

Visitors: Peter Splear, Frank Splear, and Gustav Raasch of Raasch Bros., Kankakee, Ill.; J. A. Valentine, Denver, Colo.

**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**ROSES** Of extra good quality which we offer  
at reasonable prices.


AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

**White, Red, Light Pink and Pink**

Mignonotte, Sweet Peas, Violets, Tulips, Daffodils, Jonquils, Narcissus,  
Romans, Daisies, Smilax, Asparagus and Greens of all kinds. Also a good supply of  
our famous **BLUE RIBBON VALLEY**—once used, always used. Order some and  
be convinced. **QUALITY SPEAKS LOUDER THAN PRICE.**

**Easter Orders Now Being Booked**

 **Notice:** All business houses will be effected by the new numbering system, effective  
April 1st. Beginning with said date we will be permanently located in our  
spacious new store when our new number will be **82-84-86 East Randolph Street.**

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

37-39 Randolph Street, CHICAGO.

WHOLESALE

GROWER of

**CUT FLOWERS**

**Easter  
Orders  
Now  
Being  
Booked**

**Chicago Bowling.**

On March 15, the Orchids won three games from the Violets and the Carnations three from the Roses. Ernest Farley bowled the highest score of the evening, having a total of 226 pins for the first game played. Number of games won and lost by each team to date:

|                  | Won | Lost |               | Won | Lost |
|------------------|-----|------|---------------|-----|------|
| Orchids .....    | 50  | 16   | Roses .....   | 26  | 40   |
| Carnations ..... | 37  | 29   | Violets ..... | 20  | 46   |

Individual and team scores for games played March 15:

| Orchids.     |     |         | Carnations.     |     |         |
|--------------|-----|---------|-----------------|-----|---------|
| Huebner ..   | 181 | 133 155 | Ayers .....     | 148 | 149 192 |
| Farley ..... | 226 | 176 172 | Schloss .....   | 127 | 160 118 |
| Graff .....  | 164 | 133 193 | Goerlach .....  | 126 | 130 121 |
| Degnan ..... | 124 | 147 132 | Schlitz .....   | 135 | 159 177 |
| Zech .....   | 188 | 120 162 | Zech .....      | 177 | 213 171 |
| Totals ..... | 883 | 729 804 | Totals .....    | 713 | 811 779 |
| Violets.     |     |         | Roses.          |     |         |
| Wenzel ..... | 131 | 109 159 | Wolf .....      | 150 | 163 153 |
| Schunem'n .. | 131 | 99 162  | Stenquist ..... | 114 | 140 134 |
| Friedman ..  | 157 | 157 194 | Katzel .....    | 130 | 138 132 |
| Lesser ..... | 114 | 136 103 | Eyers .....     | 147 | 144 135 |
| Lorman ..... | 134 | 172 145 | Fisher .....    | 161 | 170 115 |
| Totals ..... | 667 | 673 763 | Totals .....    | 705 | 752 729 |

**"The Busiest House in Chicago"**

**Yours For Flowers.**

**J. B. DEAMUD CO.**

Long Distance Phone  
Central 3155

**51 Wabash Ave., CHICAGO**

**New Number 160 North Wabash Avenue.**

ANSONIA, CONN.—Peters and Palmer's greenhouse on Holbrook street was destroyed by fire March 15, the fire being ignited from a lamp, and the north end destroyed. There was no insurance.

ELMIRA, N. Y.—The new houses of the United States Cut Flower Co., being erected by the King Construction Co., are nearing completion and will add 25,000 square feet to their large plant.



# ROSES

Extra fancy KILLARNEY, WHITE KILLARNEY,  
RICHMOND, BRIDE, BRIDESMAID, and  
AMERICAN BEAUTIES.

## CARNATIONS

Sweet Peas, Violets, Valley, Jonquils, Tulips, Lilies,  
Callas, Mignonette, Ferns, Sprengerii. Send us your order. We  
have the **Best Stock in the Chicago Market--Bar None.**

# HOERBER BROS.

Wholesale Growers of Cut Flowers

51 Wabash Ave., **CHICAGO.**

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**We are Cutting a  
Large Quantity of**

## Fine Roses

Which for quality, excel all others in the market. Send us your order, we will fill it to your satisfaction.

### PRICE LIST.

| AMERICAN BEAUTY—      | Per doz.       |
|-----------------------|----------------|
| Extra long stems..... | \$ 4 00        |
| 36-inch stems.....    | 3 50           |
| 30-inch stems.....    | 3 00           |
| 24-inch stems.....    | 2 50           |
| 20-inch stems.....    | 2 00           |
| 18-inch stems.....    | 1 50           |
| 15-inch stems.....    | 1 25           |
| 12-inch stems.....    | 1 00           |
| Short stems.....      | \$4 00 to 6 00 |

|                 | Per 100              |
|-----------------|----------------------|
| Killarney       | Extra fancy..\$ 6 00 |
| White Killarney | Fancy..... 5 00      |
| Mrs. Jardine,   | Good..... 4 00       |
| Richmond,       | Short..... 2 00      |

|             | Per 100          |
|-------------|------------------|
| Bride,      |                  |
| Maid,       | Fancy.....\$5 00 |
| Uncle John, | Good..... 4 00   |
| Perle       | Short..... 2 00  |

|                          | Per 100           |
|--------------------------|-------------------|
| Roses, Our Selection     | 2 00              |
| Carnations, fancy.....   | 2 50              |
| Good.....                | 1 00 to 1 50      |
| Valley.....              | 4 00 to 5 00      |
| Adiantum.....            | 1 00              |
| Sprengerii, per bunch... | \$ 0.50 to \$0.75 |
| Asparagus " " " " " "    | .50 to .75        |
| Ferns, per 1000.....     | 3.00              |
| Galax " " " " " "        | 1.00 to 1.50      |

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

**WIETOR BROS.,**

L. D. Phone, Randolph 2081.  
51 Wabash Avenue,

**CHICAGO.**

#### Cleveland.

##### STOCK IMPROVING.

Business continues good and stock of all kinds is improving in quality and quantity. St. Patrick's day's business was good with most retailers and many pretty windows were decorated in green in honor of the day. The next holiday is Easter and inquiries come in daily as to stock, etc., for this day. The latter part of the week saw a good clean-up in nearly everything. After nearly a week of cold weather Saturday and Sunday were ideal spring days, and this helped considerable to stimulate business.

#### NOTES.

The boys from Alliance, O., defeated the Cleveland florists' bowling team Saturday evening at the Erie Alleys. Geo. Bowditch and friends stayed over Sunday and visited F. A. Friedly at the Gasser Co. greenhouses. C. F. B.

ROCHESTER, N. Y.—The largest single order for carnations ever sent out of this city was forwarded March 4 to Syracuse, when George B. Hart shipped twenty thousand to Syracuse to be sold on the streets for the hospital fund.

**U S Budlong's  
E Blue Ribbon Valley.**

ELLSWORTH, ME.—Miss M. A. Clark has a prettily arranged exhibit at the Food Fair of plants and flowers. Luncheon decorations are a prominent feature.





# Try one of our shipments of 500 BEST CARNATIONS, \$12.50

Our Selection of Colors.

And you will fully understand the value of opportunities that we offer every day in the year.

THE LEO NIESSEN CO.,

Business Hours: 7 a. m. to 8 p. m.  
1209 Arch St.,

Philadelphia, Pa.

Philadelphia.  
GOOD SUPPLY.

The Lenten season is passing away, and while at times there has been an accumulation of flowers, there has not been so far such distress or difficulty to move stock as men who are comparatively young in the business could tell about. When one considers the production, or output of flowers for this market, which is at least 100 per cent greater than ten years ago, and which is now handled and sold with less loss than at that time, and while the local retail business or consumption has not kept up with this increased supply, the wholesale commission men have come to the rescue, and by working up an outside business have handled and found an opening for the surplus in a business like way that is most gratifying. Truly selling flowers is a science just as much as growing them, both requiring qualifications of a different nature. The man who can grow flowers successfully had better devote his whole time to this end, and let the salesman who has mastered this science handle his product. The market the past week has been fair, a trifle too many long-stemmed pink roses which, however, shortened up perceptibly with the cold spell of Friday and Saturday. The beginning of the week showed considerable activity in all lines. About the only new stock was the southern daffodils, which are now arriving in considerable quantities and Kaiserin roses, which are seen in fair lots and of very good quality. In all other lines there is a good supply which it is now thought can be handled without much trouble.

## NOTES.

The event of the week was the visit of the British Horticultural Traders, who called and spent a portion of Saturday and Sunday visiting Allee Burpee's seed warehouse and trial farm and taking luncheon with Mr. Burpee and a few of his friends in the business. They were much pleased at the perfection and system as well as the magnitude of the Burpee business, which was a revelation to them. Returning to New York for the Florist's Club dinner, they again visited the city to inspect the plant of the H. A. Dreer Corp., where, under the guidance of Messrs. Eisele, Thilow and Stroheim they were shown this wonderful establishment and the recent addition at Riverview. They all appeared immensely pleased with their visit and were warmly interested in the forced circulation of hot water, which is the feature of the heating system at the Riverview plant. Perhaps the most pleasant remembrance of the visit was the address, or talk, by Mr. Eisele at the luncheon, which was given in the office at Riverton. It is not often that Mr. Eisele can be prevailed upon to face an audience, for while he is the best plantsman and greenhouse manager in the country, he is certainly the most modest of them all. His remarks were listened to with great interest and gave the visitors an idea of how the business had grown and something of what Mr. Eisele saw in the future. The party consisted of the following gentlemen: J. S. Brunton, J. Brown, E. Barker, W. A. Cull, C. Engelman, J. S. Gunn, L. M. Graves, G. Prickett, G. Pratley, S. South and J. Simpton. K.

## Wholesale Flower Markets

| PHILADELPHIA, Mar. 22. |           | Per 100    |
|------------------------|-----------|------------|
| Roses, Beauty, extra.  | 50        | 00675 00   |
| " first                | 25        | 00625 00   |
| " Brides and Maids     | 6         | 00615 00   |
| " Killarney            | 4         | 00625 00   |
| " White Killarney      | 4         | 00615 00   |
| Callas                 | 8         | 00610 00   |
| Cattleyas              | 25        | 00650 00   |
| Daffodils              | 5         | 00630 00   |
| Forget-me-nots         | 2         | 00670 00   |
| Gardenias              | per doz.  | 2 00674 00 |
| Lilac                  | per bunch | 75/1 10    |
| Lilium Harrison        | 8         | 00615 00   |
| Lily of the Valley     | 5         | 00620 00   |
| Mignonette             | 5         | 00620 00   |
| Snapsdragons           | 10        | 00625 00   |
| Sweet Peas             | 409       | 1 00       |
| Violets                | 500       | 75         |
| Adiantum               | 1         | 00621 50   |
| Asparagus              | per bunch | 50         |
| Smilax                 | 15        | 00620 00   |

| PITTSBURGH, Mar. 22.           |     | Per 100  |
|--------------------------------|-----|----------|
| Roses, Beauty, special.        | 25  | 00635 00 |
| " extra                        | 35  | 00620 00 |
| " No. 1                        | 10  | 00612 00 |
| " Bride, Bridesmaid            | 2   | 00620 00 |
| " Chateaux                     | 2   | 00620 00 |
| " Killarney                    | 2   | 00620 00 |
| " My Maryland                  | 2   | 00620 00 |
| " Richmond                     | 2   | 00620 00 |
| Carnations                     | 2   | 00620 00 |
| Cattleyas                      | 40  | 00650 00 |
| Lilium Longiflorum             | 10  | 00612 00 |
| Lily of the Valley             | 4   | 00       |
| Paper Whites                   | 3   | 00       |
| Romans                         | 2   | 00       |
| Sweet Peas                     | 50@ | 1 00     |
| Adiantum                       | 1   | 50       |
| Asparagus Sprengeri, per bunch | 50  |          |
| " strings, per string          | 50  |          |
| " sprays, per bunch            | 50  |          |
| Smilax                         | 15  | 00       |

## Boston.

### BUSINESS DRAGS.

Business is still dragging along. What comes in often goes out with very little margin in favor of the grower. It is the novelties that are selling. Violets are like they were last week, sweet peas are good, but a drug, lily of the valley is splendid but buyers are few, roses are not quite as plentiful as last week. There is plenty of all kinds of material awaiting the buyer who can make his selection and get good stock. The only scarce flowers are white carnations and white roses. Brides just now bring good prices and are picked up as readily as the White Killarney, with no grumbling. There is a glut on all kinds of bulbous stock. The old prediction of a shortage of Easter lilies is again being put forth. This is somewhat of a stale joke. I am informed by one who professes to know, that the lily crop will be plentiful. Years ago it was only at Easter we had lilies, but now they are on the market all the time. Cold storage has made this possible.

## NOTES.

The night of March 15 and all the next day New England received her annual visitation of a cold snap. With a drop of 30 degrees and a howling wind with snow, it gave greenhouse men some anxious hours. The only damage coming to our attention are two instances. Wm. Patterson, Wollaston, who had a greenhouse door blow open and had everything in the house frozen. Fortunately he has enough bedding stock to fill up the house, but the loss comes heavy. F. W. Fletcher,

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Lilies

Carnations

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THE LEEDHAM BULB CO., Santa Cruz, Cal.  
Gladiolus America, Tulips,  
Spanish Iris, etc., in season.

## U S Budlong's E Blue Ribbon Valley.

Auburndale, lost \$100 worth of glass besides having stock frozen. Just a year ago we had a similar storm, but then the temperature was lower. "Un-easy is the head that wears a crown," but that often applies to the florist, who wears no crown.

The flower show at present holds the center of the stage and by next Saturday it will be a real thing. Welch Bros. are to put in an exhibit covering 500 square feet, Henry M. Robinson & Co. are to put in an exhibit and most of the retail dealers are to do likewise. "All plans are carefully laid and details worked out. I am told all the space has been taken up. Eber Holmes tells me the rose men are going to make a worthy exhibit. He is the manager for the rose depart-

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## RICE BROTHERS

Wholesalers of Cut Flowers  
 and Florists' Supplies.

Minneapolis, Minn.

ment and is out hustling to make it a success.

Benjamin Washington, North Stoughton, an old time florist, passed away March 15 after three days' sickness. He was a member of the C. A. R., having served through the civil war on one of the naval vessels. He received an honorable discharge. He was colored and had a host of friends among the craft. The management of the Co-operative Market in which he was a stockholder sent him a handsome piece of flowers. The burial was Saturday, and was attended by a number of florists.

Bernard McGinty has been on the sick list with a severe grip cold, but is at present writing able to be at his post again in the market.

Henry M. Robinson & Co. have issued a nice catalogue for the trade. They report business good.

Welch Bros. report business good, with out-of-town trade somewhat ahead of the usual run.

J. Jansky is a busy man these days with orders in his wire and florists' supply department.

The Montgomery Co., Hadley, are sending in some nice Killarney roses. St. Patrick's day is over; Shamrocks were good, some left over.

Show weather next week. MAC.

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### Wholesale Flower Markets

| BOSTON, Mar. 22.           |             |  |
|----------------------------|-------------|--|
| Roses, Beauty, best        | 0 00@275 00 |  |
| " " medium                 | 5 00@35 00  |  |
| " " culls                  | 6 00@8 00   |  |
| " " Bride, Bridesmaid      | 2 00@8 00   |  |
| " " Extra                  | 8 00@16 00  |  |
| " " Killarney and Richmond | 8 00@16 00  |  |
| " " My Maryland            | 4 00@16 00  |  |
| " " Carrot                 | 8 00        |  |
| Carnations, select         | 2 00@3 00   |  |
| " " fancy                  | 3 00@4 00   |  |
| Callas                     | 8 00@12 00  |  |
| Cattleyas                  | 8 00@50 00  |  |
| Chrysanthemums             | 8 00@35 00  |  |
| Gardenias                  | 25 00@35 00 |  |
| Lilium Longiflorum         | 8 00@10 00  |  |
| Lily of the Valley         | 2 00@4 00   |  |
| Violets                    | 50@75       |  |
| Smilax                     | 12 00@16 00 |  |

| ST. LOUIS, Mar. 22.       |             |  |
|---------------------------|-------------|--|
| Roses, Beauty, long stems | 40 00@50 00 |  |
| " " medium stems          | 2 00@25 00  |  |
| " " short stems           | 2 00@4 00   |  |
| " " Bride, Bridesmaid     | 5 00@8 00   |  |
| " " Killarney             | 5 00@8 00   |  |
| " " My Maryland           | 5 00@8 00   |  |
| " " Richmond              | 5 00@8 00   |  |
| Carnations                | 2 00@3 00   |  |
| Easter Lilies             | 12 50@15 00 |  |
| Valley                    | 4 00        |  |
| Adiantum                  | 1 25        |  |
| Asparagus Sprenger        | 2 00@3 00   |  |

| MILWAUKEE, Mar. 22.        |            |  |
|----------------------------|------------|--|
| Roses, Beauty, per doz.    | 1 00@4 00  |  |
| " " Bride                  | 4 00@10 00 |  |
| " " Killarney              | 4 00@10 00 |  |
| " " Richmond               | 4 00@10 00 |  |
| Carnations                 | 2 00@4 00  |  |
| Daffodils                  | 3 00       |  |
| Freesias                   | 3 00       |  |
| Lilium Giganteum, per doz. | 1 75       |  |
| Lily of the Valley         | 3 00@4 00  |  |
| Trumpets                   | 3 00       |  |
| Tulips                     | 3 00       |  |
| Violets                    | 50@75      |  |
| Adiantum                   | 1 50       |  |
| Asparagus                  | 50         |  |
| " " Plumosus, per bunch    | 35         |  |
| " " Sprenger               | 35         |  |
| Boxwood                    | 25         |  |
| Herna Fancy                | per bunch  |  |
| Wild Smilax                | per case   |  |

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CINCINNATI, Mar. 22.

|                         |           |
|-------------------------|-----------|
| Roses, Beauty, per doz. | 1 00@5 00 |
| " " Bride, Bridesmaid   | 2 00@8 00 |
| " " Golden Gate         | 2 00@8 00 |
| " " Killarney           | 2 00@6 00 |
| " " Richmond            | 2 00@8 00 |
| " " Pres. Fair          | 8 00      |

|                               |             |
|-------------------------------|-------------|
| Carnations                    | 3 00@4 00   |
| Callas                        | 8 00@10 00  |
| Daffodils                     | 3 00        |
| Hyacinths, Dutch              | 4 00@5 00   |
| " " Roman                     | 2 00@3 00   |
| Jonquils                      | 3 00@4 00   |
| Lilium Longiflorum            | 12 50@15 00 |
| Narcissus Paper White         | 3 00@4 00   |
| Lily of the Valley            | 3 00@4 00   |
| Sweet Peas                    | 75@1 00     |
| Tulips                        | 3 00@4 00   |
| Violets                       | 75@1 00     |
| Adiantum                      | 1 00@1 50   |
| Asparagus Plumosus, per bunch | 25          |
| " " per string                | 50          |
| Asparagus Sprenger            | per bunch   |
| Smilax                        | 12 50@15 00 |



# On Your Way

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### New York.

#### TRADE DEPENDENT ON WEATHER.

The volume of cut flowers coming in continues quite heavy and with a falling off in demand, chiefly through inclement weather, stock accumulated to quite an extent. On March 18 a little livelier tone was noticed among the buyers and although no attempts were made to advance prices, opportunities to clear out were taken advantage of. The weather seems to be about the greatest factor in the business just now. Fine weather, good trade; bad weather, no trade. American Beauty, as well as all other commercial roses, are in plenty, and prices if anything are a trifle weaker than last week. Carnations, owing to their great numbers are cheaper and averages are a good deal lower than formerly. Violets are a drug in the market and such a thing as a fixed price does not obtain. Gardenias get more plentiful every day. There is a preponderance of short stemmed flowers, consequently there has not been much reduction in the price of special grade blooms. Sweet peas of first class grade enjoy a fair demand and bring good figures. There is a mass of inferior blooms coming in, however, that are sold at prices that seem out of all proportion to those obtained for the best. Lilies are plentiful and lower prices are ruling. Lily of the valley is in plenty and the demand is very changeable, so that fixed values seem out of the question. Conditions in the general run of bulb stock are unchanged. Immense quantities are moved every day, but the supply seems inexhaustible. Cattleyas are not quite so plentiful, still there are plenty for the trade going. Callas have taken quite a drop in price and such flowers as marguerites, mignonette, wallflowers can hardly be said to have a fixed value, prices are so variable. Asparagus sells fairly well, smilax and adiantum demands are more spasmodic, consequently values are less firm.

#### NOTES.

Just how many will attend the Boston show from here cannot be determined at this writing. Some are going by boat, leaving foot of Murray street 5 p. m., March 24. Others will go by train March 25, either 10 a. m. or 12 p. m. Both these trains are express, the former mentioned one is an extra fare train. By boat, the fare is \$3.75, berths \$2.00. The railroad fare is \$4.75. All going will get certificates and thus get return fare at third-fifths rate. Among those who expect to go are W. F. Sheridan and wife, F. H. Treandly and wife, P. Kessler, J. Nash, F. L. Moore, H. Hente, M. C. Ford, A. H. Langjahr, W. G. Badgely and wife, C. H. Totty, P. J. Smith, J. D. Cockcroft, H. A. Bunyard and no doubt many others who have not decided at this writing.

The New York Florists' Bowling Club are in trouble. Their alleys, which, by the way, were paid for a month in advance, are closed, owing to change of management or some-

thing; exact particulars are not forthcoming. Anyhow, the club is out just much rent money. They are not discouraged, however, and new alleys have been secured at the corner of Thirty-second street and Fourth avenue, where practice will be resumed on March 25.

Anton Schultheis, College Point, has his greenhouses teeming full of nice Easter stock. Particularly is he well supplied with roses, baby ramblers as standards, ramblers trained to various shapes, and bush plants of Frau Karl Druschki. The lilies are in good form with a nice average of buds per plant. Among other plants are azaleas, rhododendrons, lilac, gardenias, genistas, acacias and almost all varieties of bulbous stock in pans.

Edwin Persson had the misfortune to lose \$35 in bills out of his pocket while attending the club dinner on March 18. It is presumed he pulled the money out of his pocket accidentally and it fell to the floor unperceived. After discovering the loss Mr. Persson made diligent inquiries but no trace of the missing bills could be found.

Express deliveries are being made under police protection only. The drivers do not seem to get their differences cleared up and are out, that is, of all the company's excepting the American. All the efforts of the strikers to persuade the drivers of this company to go out in sympathy have thus far proved unavailing.

August Millang has sold his lease, store fixtures, etc., at 41 West Twenty-eighth street, to Woodrow & Markelos, who will use the premises for a wholesale plant business, taking possession April 1. Mr. Millang will devote his time to the Brooklyn store he acquired last week.

The opening of the plant auction season, March 14, was marked with a good attendance of bidders and good prices ruled on all stock offered. The Elliott Auction Co. had to declare their sale off on March 17 owing to delay of the custom house authorities.

Percy B. Rigby, manager of the New York store of the Pennock-Meehan Co., returned March 19 from a two weeks' sojourn in Florida, and reports having had a most enjoyable time amid the sunshine there.

The itineraries of the English Horticulturists who arrived March 17, includes Philadelphia, Washington, Richmond, Ind., Chicago, Niagara Falls, Boston and New York.

Julius Roehrs sailed for Europe over the Hamburg-American line, March 16. He goes to Boskoop, Holland, where he is to act as judge at the spring exhibition.

Hugh Nelson has leased the vacant space on the first floor of the Coogan building and will submit to tenants for wholesale dealing in cut flowers and plants.

Visitors. On the S. S. Lusitania, March 17, came the following gentlemen from England: J. S. Brunton, Horticultural publisher, Burnley; J. Brown, of W. & J. Brown, nurserymen, Stamford; E. Barker, florist supplies, Man-

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chester; W. A. Cull, grower of palms and ferns, Edmonton; C. Englemann, carnationist, Saffron Walden; J. S. Gunn, grower of hardy flowers, Birmingham; L. M. Graves, dealer in plants and seeds, Hartington; G. Pricett, nurseryman and florist, Enfield Highway; C. Pratley, bulb grower, Edmonton; S. South, of Samuel South & Son, flower pot manufacturers, Tottenham, London; J. Simpson, horticultural printer, Burnley. Wm. Simm, Cliftondale, Mass.; Eyres, the retail florist; Albany; R. Vincent, Jr., White Marsh, Md.; P. Welch and wife, J. K. M. L. Farquhar, C. I. Campbell and Mrs. Edgar, Boston, Mass.

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**Wholesale Flower Markets**

|                                    |             |
|------------------------------------|-------------|
| NEW YORK, Mar. 22.                 |             |
| Roses, Beauty, special.....        | 30 00@25 00 |
| " " extra and fancy.....           | 15 00@25 00 |
| " " No. 1 and No. 2.....           | 2 00@ 6 00  |
| " Bride, Bridesmaid, special.....  | 5 00@ 8 00  |
| " extra and fancy.....             | 3 00@ 5 00  |
| " " No. 1 and No. 2.....           | 1 00@ 3 00  |
| " Killarney, My Marylind, spl..... | 5 00@ 6 00  |
| " extra and fancy.....             | 3 00@ 4 00  |
| " " No. 1 and No. 2.....           | 1 00@ 2 00  |
| " Richmond.....                    | 1 00@ 8 00  |
| Carnations.....                    | 1 00@ 2 50  |
| Callas.....                        | 3 00@10 00  |
| Cattleyas..... each.....           | 25@ 60      |
| Gardenias..... per doz.....        | 2 00@ 5 00  |
| Lilium Longiflorum.....            | 6 00@ 8 00  |
| Lily of the Valley.....            | 1 00@ 3 00  |
| Narcissus P. White.....            | 1 50@ 2 50  |
| " Yellow.....                      | 5 00@ 2 50  |
| Roman Hyacinths.....               | 1 50@ 2 50  |
| Sweet Peas..... per doz. bchs..... | 60@ 1 50    |
| Tulips.....                        | 1 50@ 2 50  |
| Violets.....                       | 2 00@ 3 00  |

|                                  |             |
|----------------------------------|-------------|
| BUFFALO, Mar. 22.                |             |
| Roses, Beauty, special.....      | 30 00@35 00 |
| " " fancy.....                   | 20 00@25 00 |
| " " extra.....                   | 15 00@25 00 |
| " " No. 1.....                   | 10 00@15 00 |
| " " No. 2.....                   | 3 00@ 5 00  |
| " Bride, Maid, Killarney.....    | 5 00@10 00  |
| " Killarney, White and Pink..... | 6 00@10 00  |
| Carnations.....                  | 1 50@ 3 00  |
| Callas.....                      | 8 00@10 00  |
| Daisies.....                     | 1 00@ 1 50  |
| Double Von Sion.....             | 2 00@ 3 00  |
| Freesia.....                     | 2 00@ 3 00  |
| Lilium Longiflorum.....          | 10 00@12 00 |
| Lily of the Valley.....          | 3 00@ 4 00  |
| Mignonette.....                  | 3 00@ 4 00  |
| Myosotis, per bunch.....         | 10@ 20      |
| Sweet Peas.....                  | 40@ 1 00    |
| Trumpet Major.....               | 2 00@ 3 00  |
| Tulips.....                      | 3 00@ 4 00  |
| Violets.....                     | 40@ 50      |
| Adiantum Crownatum.....          | 75@ 1 50    |
| Asparagus per bunch.....         | 35@ 50      |
| Asparagus Sprengeri.....         | 35@ 50      |
| Asparagus Str.....               | 50@ 60      |
| Ferns..... per 1000.....         | 82 50       |
| Galax, green and bronze.....     | 1 50        |
| Leucothoe Sprays.....            | 75          |
| Smilax.....                      | 15 00       |

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 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnollas, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

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The rush of eastern visitors is now on and trade is brisk. In addition to the call for social events there has been a very heavy demand for funeral work of a higher class. Flowers of all kinds are plentiful and good with the exception of orchids which have been on the scarce side, neither northern shipments or local supplies having been heavy. The recent rains are all in favor of the outdoor flowers, especially bulb stock. In roses, American Beauty, Killarney, White Killarney and Richmond are leaders. Carnations are plentiful and improving in quality. Easter lilies are coming in, mostly L. formosum and, as usual, this variety runs in all lengths from 20 inches to six feet. Violets, sweet peas and other outdoor flowers are good since the rains and over plentiful.

### NOTES.

Geo. E. Baldwin, of Carillo & Baldwin, Mamaroneck, N. Y., made a visit to the growers of Southern California, putting in several days visiting growers in this and nearby cities. Several good orders for orchids were taken and Mr. Baldwin was delighted with the prospects for these plants in this section, also with the good time shown him and the sights generally. Like all visitors, he was enthusiastic in his praise of California vegetation and California weather, and altogether found his trip so pleasant that he proposes making it an annual event. He spent a day in Pasadena with Ed. Rust as pilot while at Hollywood, he arrived just in time to see a white Cattleya Triana which flowered with Wm. Haerle at the El Reah greenhouses. The cattleyas sent out by this firm are giving great satisfaction, being splendid stock of excellent types. The albino in question is a June plant with 16 pseudo bulbs, two fine leads and three flowers and was from one of Carillo & Baldwin's 1910 importations.

The Florists' Club, under the old name, has ceased to exist, the name of this organization having been changed to the Los Angeles Horticultural Society. Every one interested in horticulture is now eligible for membership, whether belonging to the trade or not and monthly meetings will be held on the first Tuesday of each month. The new officers are: Theodore Payzison, president.

Herbert J. Goudge, vice president.

F. Horner, secretary.

C. Winsel, treasurer.

Elmer D. Smith and wife, Adrian, Mich., included this city and Pasadena in their tour and Mr. Smith visited the growers' places in this section. Piloted by Chas. Brazee, of Wilmington, he visited Wm. Haerle, of Hollywood, and expressed himself as greatly pleased with what he saw at the El Reah Greenhouses and California gen-



Wild Smilax

Fresh from woods, 60 lb. case \$5. Let us figure with you on car lots.

Fancy and Dagger Ferns,

Strictly fresh picked clean and crisp.  
 No waste: 10,000 to case, \$1.25 per 1000.  
 Strictly cash with order.

Neff National Floral Co  
 Bellevue, Pa.

## Southern Wild Smilax

Now ready for shipment.

Perpetuated and Natural Sheet **MOSSSES**

Satisfaction guaranteed.

E. A. BEAVEN,

Evergreen, Ala.

erally. In common with all eastern visitors, Mr. Smith was much surprised at the vegetation hereabouts and greatly impressed by the number of plants that are tender in the east yet perfectly hardy and attaining huge dimensions here.

The steam boiler at Wright's new plant at Gardenia blew out on one of the coldest nights which we had this season. Not much damage was done, though the stock was checked of course, there being no auxiliary boiler. A new 200 h. p. boiler is being rushed along to take the place of the damaged one. Frank Spiekman, the rose grower here, left his position in February, and will start in business with his brother as rose growers at Lynwood.

Howard & Smith are extremely busy with landscape work, having several large contracts, including the grounds for a fine mansion on the foothills at Hollywood.

E. C. Amling, of Chicago, was an interested visitor of this section.

H. R. R.

50-lb. case

## Extra Fine SMILAX

\$2.00 per case

QUALITY GUARANTEED

When in need of extra good Smilax in any quantity, write or wire

Henry M. Robinson & Co.  
 MINTER, ALA.

You can rest assured that all orders placed with us will be filled to your entire satisfaction.

Unknown customers, satisfactory references or C. O. D.

## George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of

**Evergreens**

Fancy and Dagger Ferns, Bronze and Green Galax, Holly, Leucothoe Sprays, Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
 127 W. 28th St., bet. 6th & 7th Aves., New York  
 Telephone 1202 Madison Square.

NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly, on receipt of same.

Give us a trial. We know we can please you.

Galdwell the Woodsman Co., Evergreen, Ala.

## MOSS AND PEAT

Carefully selected fresh stock.  
 Sphagnum Moss, burlapped; no dirt, roots or sticks.

10 bbl. bales.....\$4.00 per bale  
 5-bbl. bales.....2.25 per bale

Rotated Peat.....30c per sack  
 "Not how cheap—but how good."

J. H. SPRAGUE,

Barnegat, N. J.

# Easter Pot Plants



All winter long we have been developing our stock of Easter plants—**Blooming, Decorative, Bedding**—and they are now in such fine condition that we can offer them with the assurance that they will please you, please your customers and bring them back for more.

## BLOOMING STOCK.

| Easter Lilies in Pots.        |         | Azalea Van der Cruyssen.                    |  |
|-------------------------------|---------|---------------------------------------------|--|
| Per 100 flowers .....         | \$12.00 | Each 75c, \$1.00, \$1.50, \$2.00 and \$2.50 |  |
| Plants with 4 flowers and up. |         | An especially fine lot of these.            |  |

Leave the selection to us and you will be satisfied.

## Baby Rambler Roses.

| White.           |                  | Pink.            |                  |
|------------------|------------------|------------------|------------------|
| 4-inch pots..... | per doz., \$3.00 | 4-inch pots..... | per doz., \$3.00 |
| 5-inch pots..... | per doz., 4.00   | 5-inch pots..... | per doz., 4.00   |

## Spirea Gladstone.

|                  |                  |                            |                |
|------------------|------------------|----------------------------|----------------|
| 6-inch pots..... | per doz., \$6.00 | 7-in. pots, nicely colored | per doz., \$12 |
|------------------|------------------|----------------------------|----------------|

## Japan Maples.

## SURPLUS BEDDING STOCK.

| Ageratum.                         |          | Coboea Scandens.                            |                 |
|-----------------------------------|----------|---------------------------------------------|-----------------|
| 3-in. pots, per doz., 50c; \$4.00 | \$85.00  | 3-inch pots.....                            | per 100, \$1.00 |
| Cuttings.....                     | .50 5.00 | 4-inch pots, per doz., \$1.50; 100, \$10.00 |                 |

## DECORATIVE STOCK.

### LATANIA BORBONICA

| Pot    | Leaves              | Height       | Each   | Doz.    | 100     |
|--------|---------------------|--------------|--------|---------|---------|
| 3-in.  | 3 to 4              | 10 to 12-in. | Each   | \$ 1.50 | \$10.00 |
| 4-in.  | 4 to 5              | 12 to 15-in. | \$0.25 | 3.00    | 25.00   |
| 7-in.  | 7 to 8              | 20 to 24-in. | 1.00   | 12.00   |         |
| 8-in.  | 7 to 8              | 24 to 28-in. | 1.50   | 18.00   |         |
| 12-in. | beautiful specimens | 5.00         |        |         |         |

### NEPHROLEPIS BOSTONIENSIS

| Pot   | Leaves | Height | Each    | Doz.    | 100 |
|-------|--------|--------|---------|---------|-----|
| 2-in. | .....  | .....  | \$ 0.50 | \$ 3.50 |     |
| 3-in. | .....  | .....  | 1.00    | 8.00    |     |
| 4-in. | .....  | .....  | 1.50    | 12.00   |     |
| 5-in. | .....  | .....  | 3.00    | 25.00   |     |
| 6-in. | .....  | .....  | 6.00    | 45.00   |     |
| 7-in. | .....  | .....  | 9.00    | 70.00   |     |
| 8-in. | .....  | .....  | 12.00   | 90.00   |     |
| 9-in. | .....  | .....  | 15.00   |         |     |

We have larger sizes at \$1.50, \$2.00 and \$2.50 each and upwards.

### PANDANUS UTILIS

| Pot   | Leaves | Height | Each              | Doz. | 100 |
|-------|--------|--------|-------------------|------|-----|
| 4-in. | .....  | .....  | per doz., \$ 3.00 |      |     |
| 5-in. | .....  | .....  | per doz., 5.00    |      |     |
| 6-in. | .....  | .....  | per doz., 9.00    |      |     |
| 7-in. | .....  | .....  | per doz., 12.00   |      |     |
| 7-in. | .....  | .....  | per doz., 15.00   |      |     |
| 8-in. | .....  | .....  | per doz., 18.00   |      |     |

### PANDANUS VEITCHII

| Pots  | Each.  | Doz.    |
|-------|--------|---------|
| 4-in. | \$0.50 | \$ 6.00 |
| 5-in. | .75    | 9.00    |
| 7-in. | 2.50   | 30.00   |

### PASSIFLORA

|                   |                  |
|-------------------|------------------|
| 2½-in. pots ..... | per doz., \$0.60 |
|-------------------|------------------|

### PHOENIX CANARIENSIS

| Pots  | Each.  | Doz.    |
|-------|--------|---------|
| 8-in. | \$2.50 | \$30.00 |

### PHOENIX RECLINATA

|                  |                  |
|------------------|------------------|
| 3-in. pots ..... | per doz., \$1.50 |
| 4-in. pots ..... | per doz., 3.00   |
| 5-in. pots ..... | per doz., 5.00   |

### PHOENIX ROBLENII

Very pretty for center of ferneries, hardy and just as graceful as a Cocco.

| Pots                    | Each.     | Doz.    |
|-------------------------|-----------|---------|
| 2-in. pots .....        | \$0.25    | \$ 3.00 |
| 3-in. pots .....        | .50       | 6.00    |
| 4-in. pots .....        | .75       | 9.00    |
| 4-in. pots, strong..... | 1.00      | 12.00   |
| 8-in. tubs .....        | per pair, | \$20.00 |

### PYRAMID BAYS

|                                           |                                 |
|-------------------------------------------|---------------------------------|
| 5 ft. 6 in. high, 24 to 28-in. crown..... | \$15.00                         |
| 6 ft. 6 in. high, 32 to 36-in. crown..... | 20.00                           |
| Larger sizes.....                         | \$25.00, \$30.00 and..... 35.00 |

### SANSEVIERIA JAVANICA

|                  |                  |
|------------------|------------------|
| 2-in. pots ..... | per doz., \$0.75 |
|------------------|------------------|

### WANDERING JEW

|                  |                  |
|------------------|------------------|
| 2-in. pots ..... | per doz., \$0.50 |
|------------------|------------------|

Get YOUR orders in early. We can take better care of it now than we can in the rush just before Easter.

### ARAUCARIA EXCELSA

| Pots  | Tiers   | High         | Per doz. |
|-------|---------|--------------|----------|
| 2-in. | 3 and 4 | 12 to 14-in. | \$ 9.00  |
| 3-in. | 4 and 5 | 15 to 20-in. | 12.00    |

### ARECA LUTESCENS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 8-in. | 12 to 20 | 30 to 35-in. | \$4.00 |

### ASPARAGUS PLUMOSUS NANUS

| Pots  | Leaves | Height | Each           |
|-------|--------|--------|----------------|
| 2-in. | .....  | .....  | per doz., 100  |
| 3-in. | .....  | .....  | \$0.50 \$ 3.00 |
| 4-in. | .....  | .....  | .75 8.00       |
| 4-in. | .....  | .....  | 1.50 12.00     |

### ASPARAGUS SPRENGERI

|                 |                                 |
|-----------------|---------------------------------|
| 2-in. pots..... | per 100, \$3.00                 |
| 3-in. pots..... | per 100, 6.00                   |
| 4-in. pots..... | per doz., \$1.20; per 100, 9.00 |

### ASPIDISTRA LURIDA, VARIEGATED

|                   |                               |
|-------------------|-------------------------------|
| 15c per leaf..... | plants, \$1.00 and upwards    |
| 8c per leaf.....  | green plants, 60c and upwards |

### BOSTON FERNS

| Pots  | Doz.   | 100    | 1000    |
|-------|--------|--------|---------|
| 2-in. | \$0.50 | \$3.50 | \$30.00 |

### COCOS WEDDELLIANA

|                 |                             |
|-----------------|-----------------------------|
| 2-in. pots..... | each, 15c; per doz., \$1.75 |
| 3-in. pots..... | per doz., 2.00              |

### CROTONS

|                   |                  |
|-------------------|------------------|
| 2 -in. pots ..... | per doz., \$1.00 |
| 3 -in. pots ..... | per doz., 1.75   |
| 4 -in. pots ..... | per doz., 2.00   |
| 4 -in. pots ..... | per doz., 3.00   |

### DRAECAENA FRAGRANS

| Pots              | Each  | Doz.    |
|-------------------|-------|---------|
| 2½-in. pots ..... | ..... | \$ 1.50 |
| 3 -in. pots ..... | ..... | 2.00    |
| 4 -in. pots ..... | ..... | 3.00    |
| 5 -in. pots ..... | ..... | 5.00    |
| 6 -in. pots ..... | ..... | 8.00    |
| 7 -in. pots ..... | ..... | 12.00   |
| 8 -in. pots ..... | ..... | 15.00   |

### DRAECAENA DIVISA

| Pots             | Each   | Doz.    |
|------------------|--------|---------|
| 8-in. pots ..... | \$0.75 | \$ 9.00 |
| 4-in. pots ..... | 1.50   | 12.00   |
| 5-in. pots ..... | 3.00   | 20.00   |

### EUONYMUS

|                  |              |
|------------------|--------------|
| 5-in. pots ..... | each, \$0.35 |
| 6-in. pots ..... | each, .50    |

### FICUS PANDURATA

|                              |              |
|------------------------------|--------------|
| 8-in. pots, 36-in. high..... | each, \$2.50 |
| 7-in. pots, 48-in. high..... | each, 3.50   |

### FICUS REPENS, VINE

|                  |                  |
|------------------|------------------|
| 2-in. pots ..... | per doz., \$0.50 |
| 3-in. pots ..... | per doz., 1.00   |

### FINE FERNS

Here is an assortment of ferns for fern dishes in varieties as follows:

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

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Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

Aspidium Thunbergianum, Pteris adiantoides,

Pteris cretica albidissima, Pteris Ouyardii,

Pteris serrulata, Pteris Wimsettii, 2½-in. pots, \$3.50 per 100.

**THE GEO. WITTBOLD CO., 737-739 Buckingham Place, CHICAGO.**

PHONE GRACELAND 1112.



### KENTIA BELMOREANA

Never before we had such a fine lot of Kentias as quoted in the following sizes. A sample order will certainly satisfy you as to the value of this stock.

| Pot | Height   | Leaves | Each   | Doz.    | 100     |
|-----|----------|--------|--------|---------|---------|
| 2½  | 8 to 10  | .....  | .....  | \$ 1.50 | \$10.00 |
| 3   | 12       | .....  | .....  | 2.00    | 15.00   |
| 4   | 14 to 16 | 4 to 5 | \$0.50 | 4.50    | 35.00   |
| 5   | 20 to 22 | 4 to 5 | .75    | 9.00    |         |
| 6   | 22 to 24 | 4 to 6 | 1.00   | 12.00   |         |
| 6   | 26 to 28 | 6 to 7 | 1.50   | 18.00   |         |
| 7   | 28 to 30 | 6 to 7 | 2.50   | 30.00   |         |
| 8   | 42 to 48 | 6 to 7 | 5.00   |         |         |
| 9   | 54 to 60 | 6 to 7 | 7.00   |         |         |
| 12  | 60 to 64 | 6 to 7 | 15.00  |         |         |

### KENTIA FOSTERIANA

| Pot   | Height       | Leaves | Each  | Doz.        |
|-------|--------------|--------|-------|-------------|
| 2-in. | 6 to 7-in.   | 2 to 4 | ..... | \$1.50      |
| 3-in. | 10 to 15-in. | 4 to 5 | ..... | 2.00        |
| 4-in. | 10 to 18-in. | 5 to 6 | ..... | 4.50        |
| 5-in. | 24 to 28-in. | 5 to 6 | ..... | Each \$9.75 |
| 6-in. | 36 to 40-in. | 5 to 6 | ..... | 1.50        |
| 7-in. | 36 to 40-in. | 6 to 7 | ..... | 2.50        |
| 8-in. | 40 to 44-in. | 6 to 7 | ..... | 3.00        |
| 9-in. | 48 to 50-in. | 6 to 7 | ..... | 5.00        |

### Made-up Plants

|                                              |  |
|----------------------------------------------|--|
| 46 to 48-in. high, 3 in. a pot, each, \$2.25 |  |
|----------------------------------------------|--|

|        |              |               |         |
|--------|--------------|---------------|---------|
| Tubs   | Height       | Plants in tub | Each    |
| 9-in.  | 48 to 50-in. | 4             | \$ 8.00 |
| 10-in. | 54 to 60-in. | 4             | 10.00   |

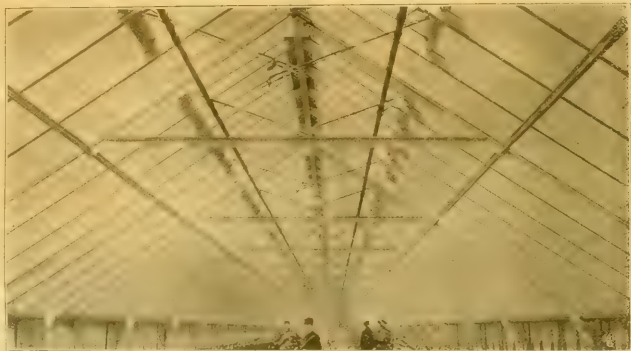
Get YOUR order in early. We can take better care of it now than we can in the rush just before Easter.





**N**OTE the substantial construction of the two houses to right—they are built to last a half a century with proper care and are as near perfect as ever houses were built and are the pride of Mr. Barber and his gardener, Mr. Scott, recently from England.

**N**OTE below, the very neat and entirely substantial steel frame without belly rod or strut, for houses up to 20-ft. wide, these are amply strong—cast little or no shade and are inexpensive.



**N**OTE in center picture below construction of single house 30-ft. wide, with Galvanized Steel Gutter both sides—side sash also—same general construction in single as in double houses.

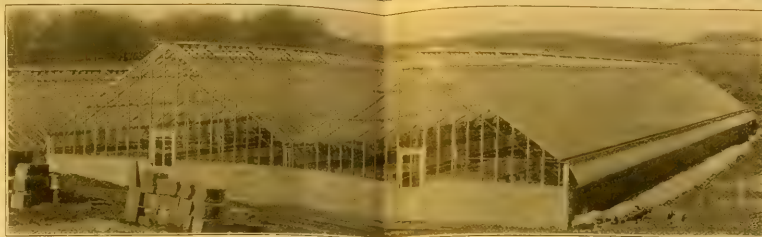
Will send blue prints and costs of these or any other kind of houses, private or commercial also **Heating Plants** on application.

Write us for information about our new Ventilating Machine, now ready for delivery. Try it.

**Foley Triumph Machine** has no equal today for ease, speed and safety.

Western agents for the famous **Giblin Sectional Cast Iron Boilers**. Also headquarters for **Pipe and Fittings** of all kinds.

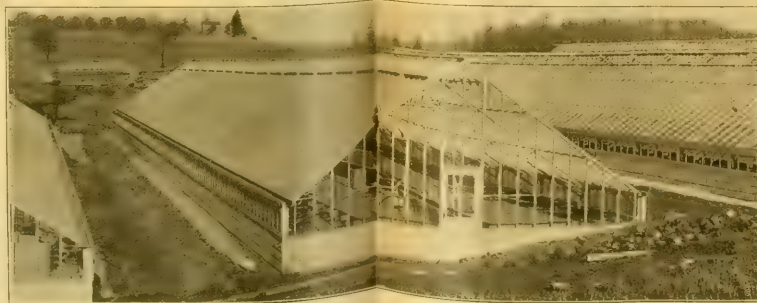
**THE FOLEY MANUFACTURING CO.**  
2541 South Artesian Avenue, Chicago.



**M**R. O. C. BARBER, of Barberton, Ohio, desirous of engaging in Grape and Peach Culture and wanting up-to-date greenhouses has installed two double houses as shown in cut at top of page—each house 30x157; two single houses 30x157, as shown on bottom of page, and one smaller single house, 18x157. These houses are all substantially built on concrete foundation with hollow cement block walls—all houses supported on 2-in. Galvanized Pipe Posts with the Foley Galvanized Steel Channel Gutters with Concentric Wood Sills and rafters of Louisiana Red Gulf Cypress. All houses have two rows of Ventilation and Side Sash throughout operated by Foley Ventilating Machines.

The 30-ft. houses are built with extra strong steel frames and heavy trusses—trusses attached to pipe posts, independent of gutters. The smaller house is a substantial steel frame without any trusses—all the steel work and iron work being galvanized—and all being built stronger than required for flower culture as the roofs are designed to carry tons of weight in

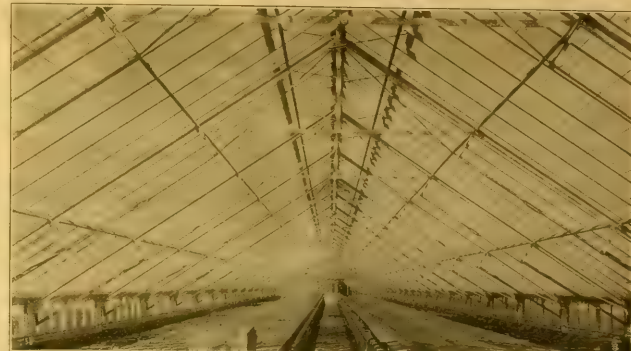
vines and fruit in years to come, as well as to withstand the wind pressure, snow loads, etc. There are no interior supports other than stated above. Should Mr. Barber at any time desire to he can turn these houses into good commercial houses for cut flowers or plants.



**B**ELOW please take notice of the very powerful yet neat and light truss work. special connecting arms were made for connecting trusses to 2-in. pipe posts—these trusses **are trusses** and not imitations or flimsy make-shifts—all who use our trusses will tell you this.

**W**e are now at work on the material for a range of vegetable houses to be built on Mr. Barber's Anna Dean farm at Barbertown—there being in this range six houses 800 feet long made of Foley's Unequalled Louisiana Red Cypress—**Air Dried**.

Write us for prices on **Glass**.



Mr. Barber is a great lover of nature in all her phases, and when his plans are fully matured Anna Dean farm will be as near to Eden as human hands can work.

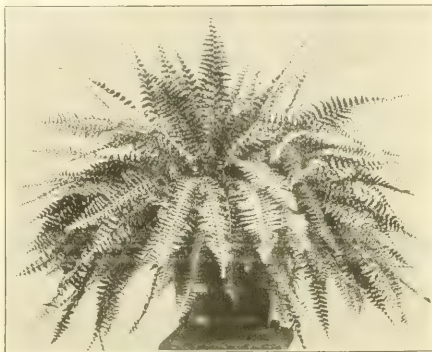
**All the material for these houses was furnished and erection superintended by**

**THE FOLEY MANUFACTURING CO.**  
2541 South Artesian Avenue, Chicago



— THE GRANDEST FERN OF THE AGE —

# Nephrolepis Roosevelt



**N**EPHROLEPIS ROOSEVELT is a sport from Nephrolepis Bostoniensis, but a wonderful improvement over the parent variety and others of stiff, upright growing habit, known as Harrisii or the Harrisii type. It is a stronger maker of fronds and young plants than any other variety, and will produce a larger finished plant in a six-inch pot than Boston or Harrisii will produce in a larger size.

The finished fronds of Nephrolepis Roosevelt are at least a third wider than Boston and have more graceful drooping habit. The pinnæ are distinctly undulated, giving them a beautiful wavy effect which attracts the eye instantly. Cut flower dealers will find fronds of Roosevelt invaluable for display work. A single plant of Roosevelt grown in a six-inch pot will when finished almost double the number of fronds produced by Boston or Harrisii type varieties, and while Boston and Harrisii show stiff, upright growth in a six-inch, the wide, wavy fronds of Roosevelt droop gracefully over the pot, hiding it completely from view. Finished three-inch plants of Roosevelt are equally large and more attractive than the average well-grown four-inch Boston, and growers of Harrisii and the Harrisii type admit they cannot produce attractive plants of these varieties in pots smaller than ten-inch. Without an exception, Nephrolepis Roosevelt is the most valuable fern ever offered for florists' use.

It has the vitality to withstand more rough treatment than other varieties and does not revert to the parent type. In our long experience we have never offered the trade any plant with greater assurance of entire satisfaction, and predict Nephrolepis Roosevelt will very soon lead in popular demand, sweeping from the list Boston, Harrisii and the Harrisii types. We are booking orders for delivery June 1st, 1911, and will fill them in strict rotation as to the date received. Get yours in early; you will not be disappointed in this fern. 2 1/2-inch pots, 40c each; \$3.50 per dozen; \$25.00 per 100; \$260.00 per 1000; 25 plants at 100 rate; 250 plants at 1000 rate.

**GOOD & EREES CO.,**

LARGEST ROSE GROWERS  
IN THE WORLD

**Springfield, Ohio**

## St. Louis.

### LOW PRICES.

Stock has been coming in very freely and prices are low. Violets are about over, and Southern jonquills are very plentiful. In bulbous stock lilies and Dutch hyacinths have the call.

### NOTES.

A party of Kirkwood growers gave William Smith a surprise March 17 and presented him with a beautiful engraved silver loving cup. A letter of congratulations and best wishes for himself and wife, accompanied the gift.

The following will attend the National Flower Show at Boston: F. C. Weber, Theo. Miller and Fred Meinhardt, and will go on the Big Four, Otto G. Koenig will go via Chicago.

C. Young & Sons Co. are very busy at their greenhouses preparing for Easter. This firm does an immense mail order business.

A. Jablonsky will have a splendid crop of lilies. His plants always have the call and are all sold before Easter. The Mullanphy Floral Co. did a big business St. Patrick's Day and are now showing fine Easter plants.

Fred Alves, of Geo. Angermueller's, is in harness again, having recovered from his sickness.

The Red Bud Floral Co. did a large business at their new store this past week.

Some fancy carnations are being received from A. C. Brown, Springfield, Ill.

Visitors: E. J. Fancourt, representing Pennock-Meehan Co., Philadelphia, Pa.; David Kalisch, representing Lion & Co., New York.

W. F.

**MILWAUKEE, WIS.**—An exhibition of tulips, orchids, hyacinths and other winter flowers at Mitchell Park has been greatly admired by the visitors.

## ALL LEADING VARIETIES FLOWER SEEDS.

Vick's Asters, Sweet Peas, Nasturtiums, Poppies,  
Marigolds, Gourds.

## VEGETABLE SEEDS.

Beans, Beets, Cabbage, Corn, Cucumber, Lettuce,  
Onions, Peas, Radish, Squash.

## Lawn Grass and Clover Seeds, Best Grades of Farm Seeds.

Dahlias, Tuberoses, Gladioli, Tuberous Begonias,  
Lycoris, Cannas, Coleus, Geraniums.

## Hardy Flowering and Foliage Plants.

Vines, Shrubs and Roses.

**James Vick's Sons, Rochester, N. Y.**

SEEDSMEN,

Mention the American Florist when writing

**PASADENA, CALIF.**—The spring flower show of the Pasadena Gardeners' Association will be held in the tennis court of the Hotel Maryland April 13-15. The schedule of exhibits is issued and can be had by addressing the secretary, G. H. Kennedy, 407 Bradford street.

**WAYNESBORO, PA.**—Henry Eichholz has just returned from an eastern business trip. He is now preparing plans for two new greenhouses, 35x150 feet, which will be constructed the coming summer and will be used exclusively for carnations.

# DESIGNS OR CUT FLOWERS

Chicago.

Established in 1857.

**Wittbold**  
FLORIST

739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.  
— Deliveries in —

NEW YORK, LONG ISLAND and NEW JERSEY.  
Mention the American Florist when writing

NEW YORK  
**Malanore Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

Mention the American Florist when writing

New York.

**Hartmann's**  
Rosary

2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

Mention the American Florist when writing

New York and Washington, D.C.

**J. H. Small & Sons**  
FLORISTS  
New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.  
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Indianapolis, Ind.

**Bertermann Bros. Co.**  
FLORISTS

.....241 Massachusetts Ave.  
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

St. Louis, Mo.

**Mullanphy Florist.**



**Floral Designs**  
a Specialty

LONG DISTANCE  
Phones: J. BELL, TYLER 1104  
J. KIN., CENTRAL 4131

Grand Ave. and Palm St.

....Wagon and Automobile Service.

**Washington,**  
D. C.

14th and M Street

**Blackstone**

Also

1601 Madison Ave.

**Baltimore, Md.**

J. DAN BLACKSTONE



FROM NEW YORK EXCEPT AS NOTED.

March 28.

Cincinnati, Ham.-Amer., Hoboken Pier.  
Poitsdam, Holl.-Amer., 10 a. m., Hoboken Pier.

March 29.

Oceanic, American, 3 p. m., Pier 62, North River.  
FROM BOSTON, Cretic, White Star, 12 noon, Charlestown Pier.

March 30.

Saxonia, Cunard, Piers 54 and 58, North River.  
Hoboken Pier.  
FROM ST. JOHN, N. B., Lake Manitoba, Can. Pacific, 12 noon.

FROM ST. JOHN, N. B., Ionian, Allan, 2 p. m.

March 31.

President Lincoln, Ham.-Amer., 10 a. m., Hoboken Pier.  
FROM PHILADELPHIA, Manitou, Red Star, 10 a. m.

FROM ST. JOHN, N. B., Victorian, Allan.

April 1.

Cedric, White Star, 11 a. m., Piers 60 and 61, North River.

Vaderland, Red Star, 10 a. m., Pier 50, North River.

Chicago, French, Pier 54, North River.  
St. Paul, American, 9:30 a. m., Pier 62, North River.

Caledonia, Anchor, 9 p. m., Pier 64, North River.

Berlin, No. Ger. Lloyd, 11 a. m., Hoboken Pier.  
Venezia, Fabre, 3 p. m., Amity Dock.

FROM PHILADELPHIA, Haverford, 10 a. m., Pier 54.

FROM PORTLAND, Megantic, White Star. Dom., 9 a. m.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Mention the American Florist when writing

Kansas City, Mo.

**WILLIAM L. ROCK**  
Flower Co.

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**  
Flowers or Design Work.  
Delivered in Albany and Vicinity on Telegraphic Order.

11 NORTH PEARL STREET.

Mention the American Florist when writing

Omaha, Neb.

**Hess & Swoboda**  
FLORISTS,

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Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.



# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders,

## Young & Nugent

Telephone 2065-2066 Madison Square,  
42 West 28th Street.

To out of town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

## Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.

Telephone 247.

We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

## Dallas, Texas.

**The Texas Seed and  
Floral Company**

Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

## Washington, D. C.

**GEO. H. COOKE**  
FLORIST

Connecticut Avenue and L Street.

## Rochester, N. Y.

**J. B. KELLER SONS,**  
FLORISTS

25 Clinton Avenue, N.

Rochester Phone 56. Long Dist. Bell Phone 2189

## St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery  
in this section from the

## LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

**Geo. M. Kellogg  
Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either  
Plants or Cut Flowers.

Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

## Boston, Mass.



## "Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

**FLORIST**

60 KEARNEY STREET.

## Denver, Colo.

**The Park**  
...Floral Co.

J. A. VALENTINE, President.

## Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

## Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dia. Phones

## THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.



## New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

## Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN

## New York.

Established 1849

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones: 1552-1553 Columbus. Choice Cut Flowers  
Mention the American Florist when writing

## Louisville, Ky.

Established 1880

Orders for delivery in this city and every city  
in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers.

.....223 S. Fourth Avenue

Mention the American Florist when writing

## New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS,  
158 EAST 110TH STREET:

Bet. 3rd and Lexington Aves. Tel. 5633 Harlem.  
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## Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance Phone.

Mention the American Florist when writing

**M. C. Bowe**

IN THE HEART OF NEW YORK CITY  
Phone 6404 Madison St. 60 West 33d St.

Our Motto—THE GOLDEN RULE.

Mention the American Florist when writing

## Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut  
Flowers in Iowa and the Middle West.

Mention the American Florist when writing

## Rockford, Ill.

**H. W. Buckbee**

## Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

## Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON**

**D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.

CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To **THOS. F. GALVIN, Inc.,**  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

FLORISTS.

Phones: Home 1388. Cumb. Main 1388 A.

.....634 Fourth Avenue.

New York.

Established 1874.

**DARDS**

N. E. Corner 44th St.

and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, **DARDSFLOR.**

Mention the American Florist when writing

Michigan.

Orders will be carefully  
cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

City Index to Retail Florists

Filling Telegraph Orders.

Albany, N. Y.—Eyre, 11 N. Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn, the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Crow, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg F. & P. Co.  
Kansas City—Samuel Murray, 913 Grand Ave.  
Kansas City—Wm. L. Rock Flower Co.  
New Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Gay Bros.  
New York—M. A. Bowe.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex McConnell, 571 6th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Broadway.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis, Mo.—Mullanby Florist.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heintz & Son.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gide Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade,

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL  
Westera Union Code.

Mention the American Florist when writing

Chicago.

**A. LANGE,**

44 E. MADISON ST.

Mention the American Florist when writing

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
NORTHERN OHIO.

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main

14th & Eye Sts., N. W.

Write, Telegraph or Telephone

Los Angeles, Calif.

**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders

A Specialty.

216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only  
the  
Best

**Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of our orders in

Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duray, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, June, 1911.

HOLLAND bulb fields are at their best from March 25 to the end of May.

JOHN LEWIS CHILDS, Floral Park, N. Y., has returned from California.

BENARY's new plate shows a fine vase of antirrhinum well done in colors.

LILUM CANDIDUM bulbs are expected to be cheaper the coming harvest in southern France.

SHERBROOKE, QUE.—The Sherbrooke County Agricultural Association will hold a seed show April 5.

G. C. ELDERING, of W. J. Eldering & Son, Overveen, Holland, expects to call on his American customers early in May.

GLADIOLUS bulblets like rich alluvial soil not recently manured and should be sowed early and from four to six inches deep.

GENERAL reports from mail order houses to date indicate less business than in 1910. It must be remembered that last season was phenomenally early.

CHICAGO.—Prices on the board of trade March 22 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

FRENCH BULB crops in southern France are looking well up to March 10, and there has been a gradually increasing acreage the last few years, but there is no evidence of course at this time as to the yield.

OVERVEEN, HOLLAND, March 6.—All bulbs are about four weeks earlier than last season. Crocus are in full bloom already and such hyacinths as La Tour d'Auvergne and Alberta will be in bloom at the end of the week.

NEW YORK.—The severe cold weather experienced March 16 and 17 caused a great diminution in counter trade. Mail order trade continues quite brisk, however.—Visitors: C. B. Coe, representing D. M. Ferry & Co., Detroit, Mich.

SAN JOSE, CALIF., March 20.—Owing to existing conditions caused by the early drought, followed by excessive rains and floods, the onion crop will be fully 40 per cent under the normal yield. Small seeds such as lettuce, radish, etc., suffered heavily from rains and floods and large acreages are now being replanted. This means short crops.

### Lawyer Congressmen.

Three-fourths of our congressmen are lawyers. The laws they make are for lawyers. They view everything from a sort of shyster standpoint. Their efforts are largely in the line of "practice"—that is, of holding each other up. Also, they hold the people up. A lawyer's way of making money is to get yours.

Some one has said that a committee is a thing which takes a month to do what any good man can do in an hour. We are moving fast toward the age of the business man. Even the lawyers—some of them—are beginning to realize that to conserve business and not to dissolve, disrupt and disintegrate it, is the wise policy.

We need business men at the head of this government, not attorneys for political parties.

Business men!—The Philistine.

### Sunflower Seed Bread

With the approach of old age the preservation of health becomes increasingly difficult, largely because the decrease in vitality of circulation permits deposits to form, which stiffen joints and harden arteries. For a year I used olive oil with beneficial results, but recent experiments convince me that much better results are obtained by the use of a flour ground from sunflower seeds, combined with wheat, oats, or other grains, in proportions necessary to meet the requirements of the Atwater dietary standard. Bread, crackers, breakfast food, pancakes, etc., from such combination, are palatable, nutritious, easily digested, and most healthful and economical of all food products.

Since using this flour my health has improved, stiffness in joints has disappeared, and the heart action is stronger. Dr. Wiley's bulletin No. 60, department of chemistry (out of print, but on file in Crerar library) presents interesting facts concerning the possibilities of the sunflower seed. Luther Burbank is already experimenting to improve the quality of the sunflower

seed, believing that the time is near at hand when it will be universally used as human food.—William J. Moore, in the Chicago Tribune.

### Imports.

During the week ending February 18, imports were received at New York as follows:

H. Frank Darrow, 235 packages seed, 72 cases trees and shrubs, 21 cases plants.

McHutchison & Co., 65 packages plants, six cases trees.

Vaughan's Seed Store, 57 packages seed, six cases bulbs.

S. D. Woodruff & Sons, 51 packages seed.

J. M. Thorburn & Co., 30 packages seed, two cases plant wash.

Peter Henderson & Co., 30 packages seed.

Wm. Elliott & Sons, 20 cases plants. Stump & Walter, five cases bulbs.

To others: 687 bags and 568 packages seed, 382 cases and 84 packages trees, 180 cases and 56 packages plants, 71 cases trees and shrubs, three cases bulbs.

### Catalogues Received.

Leedle Floral Co., Springfield, O., roses; Rich Land Nurseries, Rochester, N. Y., nursery stock; Ellwanger & Barry, Rosary stock; Ellwanger & Barry, Rosary stock; N. Y. novelties in trees, shrubs, roses and hardy plants; I. N. Glick, Lancaster, Pa., chickens; Wm. Toole & Sons, Baraboo, Wis., pansies; Paul Dove, Wellesley, Mass., seeds, etc.; W. W. Wilmore, Denver, Colo., trade list of dahlias, etc., general list of dahlias, hardy herbaceous plants, etc.; Clarke Bros., Portland, Ore., roses, etc.; Frank E. Rue, Peoria, Ill., seeds, etc.; Peter Henderson & Co., implements and farmers' manual; Archias' Seed Store, Sedalia, Mo., seed, etc.; J. F. Noll & Co., Newark, N. J., seeds, plants, bulbs, etc.; H. W. Koerner, Milwaukee, Wis., wholesale list of dahlias and gladioli; J. K. Alexander, East Bridgewater, Mass., dahlias; Henry F. Michell Co., Philadelphia, Pa., new and rare perennial plants and dahlias; M. Crawford Co., Cuyahoga Falls, O., small fruits and gladiolus bulbs; Elm City Nursery Co., New Haven, Conn., nursery stock; A. E. McKenzie Co., Brandon, Man., Can., seeds; Steele Briggs Seed Co., Toronto, Ont., Can., seeds; W. B. Longstreth, Gratiot, O., seeds.

Vilmorin-Andrieux & Co., Paris, France, general catalogue of seeds; Arthur De Meyer, Ghent, Belgium, wholesale trade list of plants, etc.; Perry's Hardy Plant Farm, Enfield, England, special list of lilies; J. E. Lamesch, Dommeldange, Luxembourg, roses; Henry Eckford, Wem, England, seed novelties; V. Lemoine & Co., Nancy, France, plant novelties; Nonne & Hoepker, Ahrensburg, Germany, seeds, etc.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.



## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.,

Branches: Michigan **MILFORD, CONN.**  
and Wisconsin.  
Mention the American Florist when writing

## John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas,  
Tomatoes, Lima Beans, Lettuce, Asters,  
Cosmos and other Flower Seeds.

Mention the American Florist when writing

## BURNETT BROS.

Importers and Growers of

**Seeds, Bulbs, Plants**  
and Horticultural Sandries.

Telephone 2223 Cortlandt.  
72 Cortlandt Street, **NEW YORK**  
Write for our 1911 Spring Catalogue.

Mention the American Florist when writing

—FOR—

# SEEDS

OF ALL KINDS APPLY TO

**W. W. JOHNSON & SON, Limited,**  
Boston, England.

## Danish Seeds

If you take interest in Cabbage, Cauliflower, Carrot, Mangel, Swede and Turnip, please apply to

**CHR. OLSEN, Odense, Denmark**  
Wholesale Seed Grower (Established 1862), in order  
to have your name placed on my mailing list

## Henry Fish Seed Co.

### Bean Growers

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

## Asparagus Plumosus Nanus

GREENHOUSE GROWN SEED

DELIVERY NOW

Per 1000 \$4.00; 5000 for \$18.75

**A. HENDERSON & CO.,**  
51 Wabash Ave., **CHICAGO.**

MONTREAL, CAN.—P. McKenna & Son  
have purchased the stores and dwelling  
at 795 to 801 St. Catherine street.

BROOKLYN, N. Y.—John Copp, 46  
Colonial avenue, Freeport, L. I., has filed  
a petition in bankruptcy with liabilities  
of \$9,306.25 and assets of \$3,350.

SPRINGFIELD, Mo.—Secretary Draper  
states that on account of the membership  
of the Southwestern Hothouse  
Lettuce Growers' Association being so  
scattered, it is difficult to awaken the  
necessary interest, but he would like  
to have all the members join him in  
enrolling new members, and making  
the meetings interesting and instructive.

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Sons,**  
PEDRICKTOWN, N. J.

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Peas, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

Florists and Seedsmen, Scratch or Poultry Food

Sell Your Own  
We will make it for you, under your own brand,  
for \$28.00 per ton. Seed today for sample 100 lb.  
bag. \$1.50. Mr. C. E. Jensen, of Atlantic City,  
N.J., on Oct. 27th, 1910, writes as follows: "I want  
to state that your three grades of Poultry Food—  
Chick Starter, Developing Food and "Square  
Deal" Scratch or Poultry Food—stands without  
an equal today. They are perfect mixtures and  
sound in grain and a pleasure to handle."  
**J. BOLIGIANO & SON, Importers and Wholesalers**  
(Established for 92 years). Baltimore, Md.

ESTABLISHED IN 1884.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., **New York**  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy.



## H. WREDE,

LUNEBURG, GERMANY

### PANSY SEED

175 First Prize, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed... 25c  
1 oz. .... \$2.25

Price list on application. Cash with order

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and  
famous Sweet Corn. Introducers of the  
White Mexican Sweet Corn.

## ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

## Telegraph Code

## Am. Seed Trade Association

—\$2.00—

In either stiff or flexible cover. Address orders  
**AMERICAN FLORIST CO., CHICAGO.**

## Summer-Flowering BULBS

### CALADIUM ESCULENTUM

Live center shoots, free from rot.

|                | Per doz. | Per 100 |
|----------------|----------|---------|
| 5-7.....       | \$0 35   | \$1 80  |
| 7-9.....       | 50       | 3 50    |
| 9-11.....      | 85       | 6 00    |
| 12 and up..... | 1 75     | 14 00   |

### GLADIOLUS

|                        | Per 100 | Per 1000 |
|------------------------|---------|----------|
| Mrs. Francis King..... | \$2 85  | \$23 00  |
| Mme. Moneret.....      | 2 25    | 20 00    |
| Florist Mixed.....     | 1 75    | 15 00    |
| Extra Fine Mixed.....  | 2 00    | 18 00    |
| Good Mixed.....        | 85      | 7 00     |

### TUBEROUS BEGONIAS

|                               | Per 100 | Per 1000 |
|-------------------------------|---------|----------|
| Single { Scarlet.....         | 2 50    |          |
| { White.....                  | 2 50    |          |
| { Pink.....                   | 2 50    |          |
| { Yellow.....                 | 2 50    |          |
| Doubles, colors as above..... | 4 50    |          |

### TUBEROSES

|                          | Per 1000 |
|--------------------------|----------|
| Dwarf Pearl, medium..... | \$7 50   |
| 1st size.....            | 10 00    |
| mammoth.....             | 15 00    |

### LILY BULBS

|                                  | Per 100 | Per 1000 |
|----------------------------------|---------|----------|
| <b>Lil. Auratum</b> .....        |         | \$8 00   |
| 9 to 11 inches, 120 to case..... |         |          |
| <b>Lil. Rubrum</b> .....         | Per 100 |          |
| 8 to 9 inches, 160 to case.....  | \$4 75  |          |
| 9 to 11 inches, 120 to case..... | 8 00    |          |
| <b>Lil. Album</b> .....          | Per 100 |          |
| 8 to 9 inches, 160 to case.....  | \$7 50  |          |
| 9 to 11 inches, 120 to case..... | 10 00   |          |

**Vaughan's Seed Store,**  
**CHICAGO. NEW YORK.**

## J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

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## LANDRETH

SEEDS which SUCCEED

Bloomdale Farm. **Bristol, Pa.**

**QUALITY SEEDS**  
FOR GARDENERS  
**ARTHUR T. BODDINGTON**  
222 West 14th St., New York.

## SEEDS

Best that grow. We sell direct to gardeners and florists at wholesale. Big beautiful catalogue free. Write today.

**ARCHIAS' SEED STORE, Box 52, Sedalia, Mo.**

YOU SAW IT IN

## THE FLORIST

SAY SO IN YOUR NEXT ORDER.



# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation. Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** Next delivery—**White Wonder March 27, and Gloriosa April 4.** Our March 15 delivery of White Wonder and March 15 and 27 delivery of Gloriosa were all sold in 5 days after our advt. appeared.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# CARNATIONS

## White House

**The Quality White.** Won the Silver Cup at Morristown for best undisseeded variety; Bronze Medal at Pittsburg, and five other certificates. Absolutely non-bursting, clean and kind in growth, and a variety that will make good. We have 10,000 for March delivery, and that is all we will be able to supply.

## Princess Charming

The finest thing in sight in the Enchantress shade of pink. Every bud a perfect flower, and your net returns per square foot will surprise you.

Our stock is limited, but we are still in a position to supply first-class rooted cuttings of this variety at \$12.00 per 100; \$100.00 per 1000.

## CHRYSANTHEMUMS

We catalogue over 500 varieties, and surely we have the kind you want.

CHAS. H. TOTTY,

MADISON, N. J.

### Buffalo.

#### TRADE FAIR.

March weather has been with us as with many other towns no doubt. Trade conditions have been fair, store openings the past week gave several of the florists very fine orders. The most elaborate were the Hengeler and J. N. Adam Co., which were carried out on lines entirely new to the trade and far more elaborate than ever before attempted by any stores. Prospects for Easter work as to decorations for stores and churches are brighter than in other years. One of the county officials died last week and called forth a large amount of funeral work which has helped what would otherwise have been a very quiet week.

#### NOTES.

Buffalo will be well represented at the National Flower Show. S. A. Anderson will have several things to show. Palmer, Scott, Kasting, Guenther and several others are making arrangements to attend.

Easter business in the greenhouses are very promising.

Visitors: C. B. Knickman of McHutchison & Co., Max Beatters of the Dayton Paper Co., Dayton, Ohio.

BISON.

HARRISBURG, PA.—F. E. Ridenour has opened a new store at 317 Walnut street in addition to the stores on North Third street and at Steelton.

## Geraniums

|                                                | Per 100 |
|------------------------------------------------|---------|
| S.A. Nutt and 6 other vars., 3 in. pots        |         |
| April 15 . . . . .                             | \$4 00  |
| Asp. Plumosus, April 15 . . . . .              | 2 00    |
| Sprenger, April 1 . . . . .                    | 2 00    |
| 10 vars. Cannes, April 1 . . . . .             | 4 00    |
| Kinz Humbert, 3 1/2 in. pots . . . . .         | 6 00    |
| Alternantheras, red and yellow, 2 1/4 in. pots |         |
| April 10 . . . . .                             | 2 00    |

Please,  
Cash.

JOS. H. CUNNINGHAM, Delaware, O.

## Coleus

|                                              | Per 100 |
|----------------------------------------------|---------|
| 10 varieties, 2 in. pots . . . . .           | \$2 00  |
| Vince Var., 2 1/2 in. pots . . . . .         | 2 50    |
| Verbenas, April 1 . . . . .                  | 2 00    |
| Plumosus Seedlings, April 20 . . . . .       | 1 25    |
| Sorengeri Seedlings, April 1 . . . . .       | 1 00    |
| Pansy Plants, April 1 . . . . .              | 1 25    |
| Pansy Plants, 2 in. pots, April 10 . . . . . | 2 50    |
| Salvias, 2 in. pots, April 10 . . . . .      | 2 50    |
| Ficulia Seed lings, Double Seed . . . . .    | 2 50    |

## GLADIOLUS "NIAGARA"

The most beautiful of all light colored Gladioli since the introduction of "America." Large Orchid flowers. Beautiful light buff or cream throat splashed carmine; with stamens a shade lighter. A delightful combination of color. Grand Florists' Flower. Limited stock of bulbs for sale \$150.00 per 1000, \$15.00 per 100; 50 at 100 rate; less than 50, 25c each, prepaid.

**FRANK BANNING, Kinsman, Ohio.**  
GLADIOLUS SPECIALIST. ORIGINATOR OF "AMERICA."

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2 1/2 in. pots: place your orders early so as to secure early delivery. We would also be pleased to fill your order for **Aster Seed** as we have one of the finest strains known as well as a good list of the standard kinds.

**ELMER D. SMITH & CO., Adrian, Mich.**

Come Direct to  
Headquarters for

Wishing You a Joyful, Happy and Prosperous Easter.

## Prepare for Easter

Unexpected business has prevented us from making an exhibit at the National Flower Show, Boston, March 25th. But I herewith invite all my customers and others who can find time to come to our establishment, to the great mill of plant production, and form your judgment of our great Easter stock in person. The Germantown and Chestnut Hill and Willow Grove routes, at 18th and Eighth and Market streets, will take you direct to Ontario street. From there walk two squares east to 1012 W. Ontario street.

All florists should this Easter-time, come see my stock quite superfine:  
My glistering Araucarias, my Lilies strong and woodsy fair.  
Ferns, big and green nor rival know. Bulbs of all sorts, the best I grow.  
There's not a flower you now can need, but I can sell you cheap indeed:  
Azaleas like a plant on fire with blooms that fill the heart's desire.  
Chrysanthemums with colors chaste. Palms to suit the highest taste.  
The spring time jewelry my flowers, pictures of life that brighten ours:  
None fairer, better, you can find—I have the best of every kind.

### Spirea Gladstone.

What is a home, what is a store, what is a church, what is an Easter present, without having a few plants of the so much admired and so greatly in demand **Spirea Gladstone**, the pride of Holland? O those charming sprays of beautiful pure white flowers! And the foliage, of such a beautiful waxy deep green is a jewel in itself! Mixed with beautiful lilies and other blooming plants they will complete the flower decoration for your happy, joyful Easter home of 1911. Knowing the great demand for these plants during past Easters, when not half the customers could be supplied, we are well prepared this year for the rush, and were fortunate in spite of the scarcity laid in Holland. When other florists supplies were cut short by Holland growers, we obtained enough of the bulbs to fill two houses with the choicest, and are able to supply all incoming orders promptly.  
Price: 5¢, 6 and 7 in. pots, full of buds and flowers, 25c, 35c, 50c, 75c to \$1.00 each; dozen or more, the same price. Some are as big as a small washtub.

### Cineraria Hyb. Grandiflora.

Readers, please just a minute. I wish to call your attention to one of our biggest houses filled with a big selection of that so much admired Easter novelty, the **Cineraria Hyb. Grandiflora**, which will have no equal in the flower market for Easter, 1911. If you are not fortunate enough to see them growing at our establishment, then just imagine you were promoted to a paradise, to a garden in Eden, standing before a mass of flowers in various beautiful colors. The conditions of our Cineraria houses represents at Easter-time. Our new improved strain, planted in 6-in. pots, of medium tall sizes, are unsurpassed in the size and color of the flowers. The flowers are about twice the size of the old ordinary varieties, has big heads of flowers good foliage; some of the plants are as big as a small apple basket. Price: 6-in. pots, 25c, 35c, 50c, 75c to \$1.00 per plant; dozen or more, same price.

### Azalea Indica.

Remember we are headquarters for **Azalea Indica**, grown for us under contract in Ghent, Belgium, under my personal inspection, by going abroad every year and looking them over. **Azalea Indica**, Easter forcing: *Verzwaane*, *Deutsche Perle*, President *Oswald de Kerkove*, Emperor of Brazil, Professor *Volters*, Empress of India, *Schryveriana*, double variegated 60c, 75c, \$1.00 to \$1.25; *Van der Cruysen*, *Simon Martner*, pink, Noble, white, *Appolo*, red, and Emperor of Brazil 60c, 75c, \$1.00, \$1.25 to \$1.50; full of buds and flowers; right for Easter. In large plants, we have *Noble*, *Helena*, *Thelma*, *Bernard*, *Adress*, *Alba*, white, *Empress of India*, *Mme. Van der Cruysen*, and others, \$1.50, \$2.00 to \$2.50.

**Adiantum Hybridum**, 6-in. pan, 25c to 30c.

**Asparagus Sprengeri**, 2½-in.-3c; 4-in., 10c.



### Lilium Multiflorum.

We have Lilies this Easter (1911) to burn, to burn; they are crackjacks, to beat the band, the best in the land, the best in the land, the best in the land.  
Three houses in **Lilium Multiflorum**, the genuine Japan Easter Lily, better than ever before. Our own importation from our general grower in Japan, raised from 9 to 10 in. bulbs started in 6-in. pots last October, have kept cold. Good, perfect foliage from bottom up. Plants medium size, and in all heights from 5 to 10 buds to the plant, 10c per bud; plants under 5 buds, 12c per bud. Just right for Easter. We have the finest lilies this year in Philadelphia and all over the country. Is the town talk from florists and agents daily visiting our place. "We never have seen anything like it," said two well-known growers from Cincinnati and Short Hills, N. J., the other day, when visiting our place together. We have three houses full in 6-in. pots, nicely staked up, medium height, and can supply all applications.  
Our **Hydrangea Ottaka** can't be beat; full of buds, right for Easter, trade every branch nicely staked up, 2.3 4 5 6 7 heads to the plant, 6-in. pots, 25c, 35c to 50c; 7-in., 75c, \$1.00, \$1.25 to \$1.50.

**Hyacinths** of our own importation, four best colors, Gertrude, best pink; King of the Blues, best blue; Grand Maitre, light blue; La Grandesse, best white; 4 in. pots, now outside in cold frame, covered with leaves; two weeks will force them into bloom; in bud or bloom, \$12.00 per 100.

**Begonia Rex**, 5 to 5½-in. pots, 20c to 25c.

### Araucarias Our Specialty.

We are the largest importers of these lovely decorative plants the **Araucaria Excelsa**, **Robusta Compacta**, and **Glaucia**, the choicest last spring (1910) importation, ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

Look! Barcains in **Araucaria Excelsa**. Such low prices are quoted below we never known in the history of Araucaria Excelsa. Just think! 6 to 7-inch pots, 4-5-6 years old, 4-5-6 tiers, 25 to 35 40 in. height, for only 75c, \$1.00, \$1.25, \$1.50 to \$2.00 each. These prices are record-breakers—money makers for you.

**Araucaria Excelsa**, raised from top cuttings, no seedlings. Plants, 5½-6-7 in. pots, 15 18 20 25-30 in. high, 4-5-6 tiers, 25-45 years old, 75c, \$1.00, \$1.25, \$1.50 to \$2.00 each. We give big value for your money. Just think! An elephant, 6-in. pot, 4 years old, 4-5-6 tiers, 20-25 in. high, for only \$1.00; a jumbo, 6-in. pot, 5-year old, 25 in. and over, as wide as a bushel basket, 5-6 tiers for only \$1.00; and what do you think! a holy tree, 30 to 41 in. and over, 5-6-7 tiers, worth \$2.00, for only \$1.25 to \$1.50.

**Robusta Compacta**, **Excelsa Glaucia**, 6-in. pots, \$1.00, \$1.25, \$1.50 to \$2.00 each.  
We also have the nicest **Araucaria Robusta Compacta** and **Excelsa Glaucia**, a house full, for only \$1.25 to \$1.50, worth double.

**Dracena Bruni**, 25 to 30 in. high, 6-in. pots, 40c to 50c. Highly recommended for store and house decoration; stands best cold and dust.

**Von Sion Daffodils** (double nosed) best double Narcissus in cultivation, three bulbs planted in a 5½ to 6 in. pot, \$2.50 per doz. pots.

**Tulips**, *Tourne-sole*, double, red and yellow variegated and *Murillo*, beautifully shaded rose pink, three bulbs in one pot (4 in.), \$1.50 per 100 pots; \$1.80 per doz.

**Ipomea Noctiflora**, our so well-known pure white, waxy *Moonvine*, bearing flowers very fragrant and as big as a saucer 2½-in. pots, will make good stock for you to propagate from, \$5.00 per 100.

**Latania Borbonica** (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

**Kentia Forsteriana**, in fine shape, 6-in. pots, 30 35 40-45 in. high, 4-5-6 years old, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

**Kentia Belmoreana**, 30-35 40 in. high, 5-5½-6-7 in. pots, 5-6 years old, \$1.25, \$1.50 to \$2.00 each.

**Kentia Belmoreana**, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25 to \$1.50; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine, **Boston**, **Scottii**, **Whitmanii** and **Scholezi**, 5½, 6-in., 35c, 40c and 50c; 7-in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches.

**Neph. Glatraai**, a new beautiful fern, an improvement on **Scottii**, much shorter and bushier than **Scottii**, 5½ in. pots, 50c; 3-in. pots, 25c.

**Ferns for Palm**, big assortment, 2½-in. pots, at \$4.00 per 100.

**Crimson Rambler Roses**, 6-in. pots, 3 feet high, nicely staked up and bent down, 75c \$1.00, \$1.25 to \$1.50 each.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

**GODFREY ASCHMANN,**

Wholesale Grower and Importer of Potted Plants,  
1012 West Ontario Street,

**Philadelphia, Pa.**

**Cannas** David Harum, Egandale, Chas. Henderson, Duke of Marlborough, King Humbert. True to name. Write for prices.

**Dracanea Indiviva**, 3-in. .... \$5.00 per 100  
Extra strong **Boston** and **Whitmanii** Ferns, 4 in. \$2.00 per dozen.

**W. W. COLES, Kokomo, Ind.**

**WATER LILIES**

Hardy, old-fashioned Garden Flowers;  
Hybrid Tea Roses, Azaleas, Rhododendrons, etc. Send for catalogue.

**William Tricker, Water Lily Specialist, Arlington, N. J.**

**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready in July, \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidells & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
S. W. Severance, 503 Illinois Life Building, Louisville, Ky., Secretary; M. L. Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, March 18.—Mushrooms, 60 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 25 cents per pound; radishes, 50 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, 1¢ per pound; beans, 25 cents per quart; peas, 40 cents per quart.

Chicago, March 20.—Mushrooms, 20 cents per pound; cucumbers, \$1.15 to \$1.35 per box, small; lettuce, 17 cents to 18 cents per pound; radishes, 15 cents to 50 cents per dozen bunches; rhubarb, 30 cents to 50 cents per dozen bunches.

### Seasonable Notes.

Where cucumbers or tomatoes are planted among lettuce, a close watch must be kept against crowding. At this time of the year lettuce grows fast and the future crop of cukes or tomatoes is very easily injured by choking the young plants. The best way to remedy this is to have a careful person cut out one head of lettuce, preferably to the south of each cucumber or tomato plant just as soon as the lettuce is fit to sell. This opening can be increased a little later on by cutting to the right or left one or two heads and thus a tremendous crop of lettuce can be matured without damaging the successive crop.

Just as soon as the entire lettuce is cut, the fertility of the soil must be looked after. In nine cases out of ten greenhouse soils are deficient in phosphates for producing fruit, hence we add a heavy mulch of bonemeal and hardwood ashes. These may be equal parts and hoed in shallow. From then on if the lettuce beds have been run moist, the water supply should be reduced to induce sturdy growth of the cucumber or tomatoes, in fact, it pays to water the hills only for several weeks and run the beds rather dry.

MARKETMAN.

### Yonkers Horticultural Society.

A largely attended meeting of the society was held on March 3. Shows were discussed, and it was decided that the fall exhibition be so arranged that the date will not clash with other shows in the New York district. Robert Henry was elected an active member. A committee was appointed to arrange for a clam bake, the date to be decided upon later. R. Cochrane's prize brought out quite an array of exhibits Messrs. Wright, Hoffman, and Hebach were appointed judges, and reported as follows: First, Lillium Harrisii var. Jamesii, finely shown by S. Untermeyer (A. Herrington, superintendent); second, Violet, Princess of Wales, of excellent quality, W. B. Trevor (H. Nichols, superintendent). Gardenias from the Lilienthof estate (H. Scott, superintendent), received honorable mention. The new

white carnation White House was exhibited by C. H. Totty, of Madison, N. J. The next regular meeting is to take the form of a social evening, with a prize given for the most meritorious exhibit.

A regular meeting of the society was held March 17 and largely attended. Various committees reported, notably the executive, bringing forward a schedule of classes for the June show, which was adopted with a few amendments. W. Ellis was elected as an active member, and four nominations for membership made. A prize given by W. MacDonald brought out some fine exhibits, notably carnations of splendid quality from J. Canning, superintendent for A. Lewisohn of Ardley, receiving first prize. R. Cochrane, superintendent of the Bwing estate, was second with blooms of very fine quality, and H. Scott third with My Maryland roses. E. Bennett, L. Milliot, and F. Featherstone acted as judges.

The resignation of Lee Whitman, president, was read and accepted with regret. The lure of the "Great Northwest" is responsible for Mr. Whitman's resignation, and he received a standing vote of thanks for his services and innumerable good wishes for success. After business, the evening was given over to sociability, songs, stories and refreshments, all serving to make the evening a most pronounced success.

H. M. B.

### Lenox Horticultural Society.

A special meeting was held March 18 which was devoted and known as rose and carnation night. A few of the members, who felt in lighter vein, attempted to develop it into a social gathering also, but it was very spasmodic; in fact, it did not get any further than the embryo stage of existence. There were some very fine blooms staged, although the competition in some classes was very weak, yet that did not detract from the quality of the blooms. The feature of the evening was two vases of roses sent by S. S. Pennock-Meehan Co., Philadelphia, and grown by Robert Scott & Son, Sharon, Pa., the new Irish yellow rose, Melody, and Double Pink Killarney. The judges awarded both a first class certificate of merit. A vase of lupins, staged by A. J. Loveless, was very striking, being grown to perfection from seed sowed last September. It was awarded a hearty vote of thanks. Four new members were balloted for and elected working members of the society, which makes seventeen this year, and more to follow.

The following is the prize list of the evening: 50 carnations, Elm Court Farm, first; 24 Enchantress, Elm Court Farm, first; 24 scarlet, C. Lanier, first; Elm Court Farm, second; Mrs. J. Sloane, third. 24 pink, C. Lanier, first; Elm Court Farm, second; Mrs. J. Sloane, third. 24 crimson, C. Lanier,

first; 24 white, C. Lanier, first; 12 white, Elm Court Farm, first; A. MacConnachie, second. A. MacConnachie, first, for 12 each scarlet, light pink, pink and variegated. 24 red roses, Mrs. J. Sloane, first; 24 white, Mrs. Parsons, first; 24 Double Pink Killarney, C. Lanier, first. The judges were: E. Jenkins, J. W. Pybus, G. A. Breed and W. Jack. J. W. PYBUS, Sec'y.

### Connecticut Horticultural Society.

The meeting held March 10 brought out a splendid exhibition of cineraria plants by President Huss, mostly of the single hybrid kinds, but including a number of the stellata and cactus types. He also showed two blooming amaryllis plants. C. H. Siernan, Carl Peterson and Howard A. Pinney acted as judges, awarding a certificate of merit for the single hybrids and the cactus plants, a certificate of merit for the stellata collection, and honorable mention for the amaryllis.

This being Cineraria Night on our schedule, an appropriate paper was presented by George B. Baker, of New Britain, who gave many useful facts concerning the history, propagation and culture of the florists' cineraria, as well as the other and less common kinds. Following his address, considerable discussion ensued regarding seed germination of this plant. Some of the members sow the seed on the surface, dampening the soil, and covering with a light sprinkling of moss. Mr. Baker recommended sowing the seed about an eighth of an inch deep. Mr. Baker was tendered a hearty vote of thanks for his address. Work is now being commenced on our schedule of prizes for the two fall exhibitions. It was decided at this meeting to hold the annual dahlia exhibition at Hartford on September 19-20, and the chrysanthemum exhibition on November 7-8. The next meeting will be held on March 24, and will be Greenhouse Rose Night, and we are hoping to be favored with an address by George A. Parker, superintendent of the city parks of Hartford, on the interesting topic of "The Improvement of Small Homes."

GEORGE W. SMITH, Sec'y.



Watch for our Trade Mark stamped on every brick of Lambert's

**Pure Culture Mushroom Spawns**

Substitution of cheaper grades is thus easily exposed. Fresh sample pack, with illustrated book, mailed outside by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawns Co., St. Paul, Minn.

## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1911 crop. We are also submitting contract figures for the 1911 crop of Onion Seed

**Schilder Bros., Chillicothe, O.**

— TO THE TRADE —

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼-oz., 75¢ per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# Dreer's Decorative Plants

— FOR EASTER —

Selected Stock of Excellent Values.



KENTIA BELMOREANA

## Kentia Forsteriana

MADE-UP PLANTS

|                                                       | Each    |
|-------------------------------------------------------|---------|
| 8-in. tubs, 3 plants in a tub, 40 to 42 in. high..... | \$ 4 00 |
| 8-in. tubs, 3 plants in a tub, 42 to 45 in. high..... | 5 00    |
| 9-in. tubs, 3 plants in a tub, 4½ ft. high.....       | 8 00    |
| 10-in. tubs, 3 plants in a tub, 5 ft. high.....       | 10 00   |
| 12-in. tubs, 3 plants in a tub, 5½ ft. high.....      | 15 00   |
| 14-in. tubs, 3 plants in a tub, 6 ft. high.....       | 20 00   |

## Areca Lutescens

9-in. pot bushy plants 4 ft. high.....\$5.00 each

## Cocos Weddelliana

2¼-in. pots, 6 to 8 in. high.....\$1.50 per doz., \$10.00 per 100.  
7-in pots., 30 to 36 in high, splendid specimens.....\$2.50 each.

## Kentia Belmoreana

|                                                    | Each    |
|----------------------------------------------------|---------|
| 6-in. pots, 6 leaves, 24 in. high.....             | \$ 1 00 |
| 6-in. pots, 6 to 7 leaves, 30 in. high.....        | 1 50    |
| 7-in. pots, 6 to 7 leaves, 36 in. high.....        | 2 50    |
| 8-in. tubs, 6 to 7 leaves, 42 to 44 in. high.....  | 4 00    |
| 8-in. tubs, 6 to 7 leaves, 48 in. high.....        | 5 00    |
| 15-in. tubs, 7 to 8 leaves, 8 to 8½ ft. high.....  | 35 00   |
| 16-in. tubs, 7 to 8 leaves, 10 to 11 ft. high..... | 40 00   |
| 16-in. tubs, 7 to 8 leaves, 11 to 12 ft. high..... | 50 00   |

## Kentia Forsteriana

|                                                   | Each    |
|---------------------------------------------------|---------|
| 6-in. pots, 6 leaves, 30 in. high.....            | \$ 1 00 |
| 7-in. pots, 6 to 7 leaves, 42 in. high.....       | 2 50    |
| 8-in. tubs, 6 to 7 leaves, 45 in. high.....       | 4 00    |
| 8-in. tubs, 6 to 7 leaves, 50 in. high.....       | 5 00    |
| 9-in. tubs, 6 to 7 leaves, 5 to 5½ ft. high.....  | 8 00    |
| 10-in. tubs, 6 to 7 leaves, 5½ to 6 ft. high..... | 10 00   |

## Phoenix Canariensis

|                                                 | Each   |
|-------------------------------------------------|--------|
| 8-in. tubs, 36 to 40 in. high.....              | \$2 50 |
| 9-in. tubs, 42 to 46 in. high.....              | 3 00   |
| 10-in. tubs, 46 to 48 in. high.....             | 4 00   |
| 11-in. tubs, 48 to 52 in. high.....             | 5 00   |
| 18-in. tubs, specimen plants, 8 ft. spread..... | 40 00  |

## Phoenix Robelenii

|                                                       | Each   |
|-------------------------------------------------------|--------|
| Specimens 6-in. pots, 1½ ft. high, 2 ft. spread.....  | \$2 00 |
| Specimens 8-in. tubs, 2 ft. high, 2½ ft. spread.....  | 6 00   |
| Specimens 12-in. tubs, 2½ ft. high, 3 ft. spread..... | 12 50  |
| Specimens 14-in. tubs, 3 ft. high, 4½ ft. spread..... | 35 00  |
| Specimens 15-in. tubs, 3 ft. high, 6 ft. spread.....  | 50 00  |

For a Complete List of All Seasonable Stock, see our Current Wholesale List.

The above prices are intended for the Trade only.

**HENRY A. DREER,** 714 Chestnut St., **Philadelphia, Pa.**

— GRAND COMBINED —

# National Flower Show and Spring Number of THE AMERICAN FLORIST

Goes to Press March 29  
Advertising Forms Close March 28



Mail Advertisements Now



## The Nursery Trade

**American Association of Nurserymen**  
W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shogandoah, Ia., Vice Pres-  
ident; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

GERMANTOWN, N. Y.—S. W. Studley is making arrangements to start a nursery of 75,000 trees as early in the spring as possible.

THE jury awarded William Hallowell \$4,800 damages for twenty-six maple trees which the borough of Conshohocken, Pa., chopped down in opening up Seventh avenue. The trees were planted by Mr. Hallowell half a century ago.

STAMFORD, CONN.—The property of the Fernwood Nursery Co., on West Broad street, which recently went into a receivership, was sold at public auction. Lowell M. Palmer was the purchaser, the amount paid being \$50,298. The property consisted of 60 acres of land and 25,000 square feet of greenhouses.

### Worcester, Mass.

Business has been exceptionally good ever since Christmas and there has been a decided scarcity of roses and carnations of all kinds. Tulips, hyacinths and narcissus are in good supply and find ready sale.

### NOTES.

Lange had the largest wedding decorations of the season in February. The decorations at the church were in pink. Flat baskets of My Maryland roses were placed on each end of the choir rail, and on top of four tall pillars at either aisle and near the center, were masses of roses falling on either side in torch effect, the pillars being twined with smilax. The platform was banked with southern tree-fern palms and foliage plants, with vines falling over the front. The guests' pews were marked off with My Maryland roses and pink ribbon. At the home the receiving party stood in a window alcove in the library in front of a screen of southern smilax. All around the room, tiny electric lights peeped from among the ferns and smilax. The double mantle being banked with ferns, Chinese primroses and American Beauty roses. In the music room the color was rose, Gloire de Lorraine begonias being massed about the mantles. The centerpiece and the dining room decorations were of white lilacs.

At the meeting of the Worcester County Horticultural Society, held in February, Prof. F. A. Waugh of Amhurst was the speaker and he gave an able talk on "Horticultural Travels," illustrated by numerous beautifully colored views of suburban life in England, France, Germany and Italy. The views were particularly interesting, giving a clear idea of the attractiveness of the garden, homes, river banks and country in general. Prof. Waugh was accorded a vote of thanks. He was also the guest of the society at luncheon in the Warren before the meeting.

M. H. R.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

### ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

## CLOSING-OUT SALE OF Ornamental Nursery Stock

Of the late Samuel G. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready,

ADDRESS

### "MORRISVILLE NURSERIES"

WM. H. McCLOSSY, Former Supt., Agent.

MORRISVILLE, PA.

# Ligustrum Ibota

The Privet Hedge, That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.

## Sugar Maple Seedlings

in any quantity.  
Write for prices.

Viburnum Cassinoides, White Pine, Hemlock, 2,000 Pinus Pungens,  
2,000 Pinus Divaricata, and others in surplus. Write for lists and prices.

Highlands Nursery  
(3800 ft. elevation in Carolina Mts.)  
and Salem Nurseries.

**HARLAN P. KELSEY, Owner,**  
Hardy American Plants, SALEM, MASS.

## Phoenix Nursery Company

**Nurserymen and Florists**  
BLOOMINGTON, ILLINOIS

Send list oftants for prices.

Wholesale catalogue for Spring 1911 now ready.

Mention the American Florist when writing

## Jacs Smits & Co.,

NAARDEN  
(Holland)

Azaleas, (hardy), Berried Plants, Bleeding  
Hearts, Blue Spruces, Boxwood, Clematis, Clim-  
bing Plants, Conifers, Evergreens, Funkias in  
sorts, Hydrangea P. G., Japan Maples, Peonies.  
Pot-grown Plants, (Lilacs a specialty), Rhodo-  
dendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

Mention the American Florist when writing

## Alternantheras.....

Strong, well rooted cuttings: the kind that will  
please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A.  
Nana, yellow, 50c per 100; \$4.00 per 1000. Bril-  
lantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street,  
Davenport, Iowa

Mention the American Florist when writing



## Arbor Vitae

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to  
5 ft. trees.  
Write for descriptions and prices.

**The Wm. H. Moon Co.,**  
MORRISVILLE, PA.

Mention the American Florist when writing

## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants, from 12  
inches to 4 feet will satisfy all in grade and price.  
Special low prices in car lots for Fall delivery; let  
me know your wants before purchasing.  
Also a fine stock of AMPLOPSIS Veitchii,  
2 years transplanted.

**CHAS. BLACK, Hightstown, N. J.**  
Mention the American Florist when writing

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up;  
1000 in 10 distinct kinds, either show, decorative  
or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100,  
\$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.  
Mention the American Florist when writing

## Start Your Season's Business Right

by advertising now in this journal, Don't delay. The best orders are placed  
early with advertisers in the

**AMERICAN FLORIST.**

# A. N. PIERSON, Inc., Cromwell, Conn.

## ROSES

If you are in the market for Rose Stock, and are looking for the best that can be produced, we are ready to serve you.

### DOUBLE PINK KILLARNEY

Grafted plants only. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### DARK PINK KILLARNEY

Grafted plants only. 40c each; \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

### LADY CROMWELL

Grafted plants only. 75c each; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### MRS. AARON WARD

Grafted stock: 40c each; \$4.00 per dozen; \$25.00 per 100; \$200.00 per 1000.

Own root stock: 25c each; \$2.50 per dozen; \$12.00 per 100; \$100.00 per 1000.

### PRINCE DE BULGARIE

Grafted stock: 2½-inch pots. \$3.00 per dozen; \$20.00 per 100; \$180.00 per 1000.

Own root stock: 2½-inch pots, \$2.50 per dozen; \$15.00 per 100; \$120.00 per 1000.

### MELODY

Own root plants. 75c each; \$6.00 per dozen; \$10.00 per 25; \$17.50 per 50; \$30.00 per 100; \$70.00 per 250; \$250.00 per 1000.

### RADIANCE

Grafted stock: \$18.00 per 100; \$150.00 per 1000.  
Own root stock: \$10.00 per 100; \$90.00 per 1000.

### Grafted Roses of Standard Varieties

|                  |                         |             |
|------------------|-------------------------|-------------|
| Killarney,       | Golden Gate,            | Bride,      |
| Richmond,        | My Maryland,            | Bon Silene, |
| White Killarney, | Kaiserin Augusta Ivory, |             |
| Bridesmaid,      | Victoria,               | Uncle John, |

### And Other Varieties for Forcing.

Selected plants for March delivery. Grafted: \$15.00 per 100; \$120.00 per 1000. A special price quoted on 5,000 or more plants.

### Roses on Their Own Roots

|                  |                            |          |
|------------------|----------------------------|----------|
| Killarney.       | Richmond,                  | Sunrise, |
| White Killarney, | Perle Des Jardins,         |          |
|                  | Kaiserin Augusta Victoria. |          |

From 2½-in. pots, \$6.00 per 100; 50.00 per 1000.

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January 19, 0, also at the Chicago Flower Show, November 19, 9. It is a pure, bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5000, \$400.00. 25¢ at 100 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

## Asp. Plumosus Nanus

GREENHOUSE GROWN

## SEED

A delayed Crop has just come in; while the seed lasts we quote, prepaid.

2,000 seeds \$ 7.50  
10,000 seeds 33.00

VAUGHAN'S SEED STORE,

CHICAGO

NEW YORK

## Seasonable Stock

### FOR FLORISTS

#### Roses

Crimson Rambler, Dorothy Perkins, Lady Gay, Philadelphia, Hiawatha, Trier, fine forcing grade. \$12.00 per 100  
Baby Rambler, crimson and white 15.00 per 100  
Frau Karl Duschke, Gussan, Teplitz, La France, Alfred Colomb, Gen Jacqueminot, Magna Charta, Margaret Dickson, Marshall P. Wilder, Paul Neyron, Persian Yellow, for potting. \$12.00 per 100

Standard Roses, fine assortment. \$35.00 per 100

Half-Standard Roses, Baby Rambler and Mrs. Cutbush. \$35.00 per 100

#### California Privet

Two years, transplanted bushy.  
3 to 4 feet. \$30.00 per 1000  
2 to 3 feet. 20.00 per 1000  
18 to 24 inches. 20.00 per 1000  
12 to 18 inches. 17.50 per 1000

#### Tree Hydrangeas,

#### Tree Altheas, Tree Lilacs

4 to 5 feet, fine well branched tops on straight stems, named varieties. \$35.00 per 100

#### Berberis Thunbergii.

2 to 3 feet, bushy. \$12.00 per 100

### And Lots of Other Attractive Offers

in our new price list. Send for copy.

And use printed letterhead, please, as we sell to the trade only.

## JACKSON & PERKINS CO.

NEWARK, Wayne County, NEW YORK

Mention the American Florist when writing

# Spring Number Next Week

## SEND ADVERTISEMENTS NOW



# FINE FERNS

—Ready for—  
Immediate Retail Sale

We have an exceptionally fine and large stock of the following varieties—first class plants of exceptionally good value—plants that will please the most critical buyers, both in regard to quality and value.

## Nephrolepis Elegantisima (Improved)

The finest of this type, never showing a Boston frond. It has not reverted for the last four years. Fine plants 6 inch pots, \$6.00 per dozen; 8 inch \$12.00 to \$18.00 per dozen; large specimens in 12-inch pans, \$3.00 to \$5.00 each.

## Small Ferns for Fern Pans

Best and hardiest varieties, assorted—Pteris Mayii, Winstetii, Adiantoides, Aspidium Tessimense, Cyrtomium Falcatum, etc. Nice plants, 2½-inch pots, \$3.50 per 100.

## Nephrolepis Elegantisima Compacta.

This bears the same relation to Elegantisima that Scottii does to Bostoniensis. It is a dwarf, compact plant, especially fine in the small sizes. Fine plants, 6 inch pots, \$6.00 per dozen; 8-inch, \$18.00 per dozen; extra fine specimens in 12-inch pans \$5.00 each.

## CROTONS

Fine assortment, well colored. 5 inch pots, \$9.00 per dozen.

F. R. PIERSON CO.,

Tarrytown-on-Hudson, New York

## Boston Ferns...

2½-in., \$30.00 per 1000

### WHITMANI FERNS

2½-in., \$5.00 per 100; \$40.00 per 1000.  
260 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

Mention the American Florist when writing

## Ferns for Dishes

Per 100 Per 1000

2½-in. \$3.50 \$30.00

500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincey St., CHICAGO

Mention the American Florist when writing

## JOSEPH HEACOCK CO.

WYNCOTE, PA.

## Growers of Fine Kentias

Send for Price List.

Mention the American Florist when writing

Pittsburg.

BUSINESS FAIR.

Business is pretty fair, considering the Lenten season. Stock of all kinds being very plentiful. Saint Patrick's day created quite a demand for white carnations, but not quite up to last year, notwithstanding prices were lower. Saturday found quite a few green ones unsold around in the various stores. We had quite a blizzard here March 16. A few shippers were caught unawares, and their stock arrived in a frozen condition.

### NOTES.

W. A. Herbert, Wellsville, O., was in town Friday and states business has been a little slow. Mr. Herbert is just getting over a bad case of influenza.

Wm. Wittman, Youngstown, O., was a recent business caller. Mr. Wittman is well pleased with his business, which is more than doubling itself.

The Florists' and Gardeners' Club will hold their next meeting April 4. The subjects will be Easter flowers and plants. A large exhibit is expected.

J. Gerwig, Pittsburg, formerly with J. B. Murdock Co., is now located in Chicago in the same line of business.

L. I. Neff, Bellevue, has the sympathy of the trade in the death of his wife.

Araucaria Excelsa, 5 in. pots, 3-4 tiers, 50c; 6 in. pots 75c.

Clematis, large flowering varieties, 2-year-old plants, \$3.00 per doz.; 1-year-old plants, \$2.00 per doz.

Clematis Paniculata, strong 2-year-old, \$10.00 per 100; 1-year-old \$5.00 per 100.

Asparagus Sprengeri, strong, 3 in. pots, \$4.00 per 100; 2½ in. pots, \$2.50 per 100; 2 in. pots, \$2.00 per 100.

Dracanea Indivisa, 4 in. pots, 10c; 5 in. pots, 15c; 6 in. pots, 30c each.

Stock from 3 in. pots, \$1.00 per 100; Lemon Verbena, Moonvine, large flowering, the true variety, Fu. hsias, 4 varieties; Echeveria

Glaucia; Salvia, Bonfire and Zurich; Variegated Geranium, Mrs. Parker; Geraniums, best commercial varieties; Swainsona

Alba

Stock from 2½ in. pots, \$2.50 per 100; German Ivy; Impatiens, Sultan and Hol

ti; Cupress; Snapdragon, white; Fuchsias, 4 varieties; Variegated Vines; Lobelia double and single blue; Ageratum, blue; Clematis Paniculata; Variegated ice

Plant; Hardy Pinks, Napoleon III; Abutilon Suaveolens; Nutmeg and Rose Geraniums; Rooted Cuttings, from soil \$1.00 per 100;

Carnation, the Queen; German Ivy; Salvia; Bonfire and Zurich; Ficus, 2 varieties; Stevia; Ageratum; Tradescantia; Ficus Repens; Lobelia single and double; Santolina; Swainsona Alba; Verbenas, separate

colors.

Chrysanthemum Rooted Cuttings from soil: White Cloud, Pacific Supreme, Bailey, Golden Glow \$2.00 per 100.

C. EISELE

11th & Westmoreland Sts; Philad:phia, Pa.

## Miscellaneous Plants

2,000 Echeverias.....\$18.00 per 1000

100 Agave, Var.....\$20.00

500 Shasta Daisies, divided roots, Alba.....\$20.00

1 strain.....\$5.00 per 100

300 Calliandras.....\$2.00 per 100

2,000 Cal Violets: 1900 Princess of Wales.....\$10.00 per 1000

100 Burbank's best Giant Crimson Winter.....\$20.00

Rubus.....\$10.00

50 White Bloom.....\$10.00

5,000 Blue Fleur de Lis.....\$10.00 per 100

500 Tuberoses.....\$2.00 per 100

Choice Dahlias.....\$5.00 per 100

—Cash.

P. O. Box 453, Palo Alto, Calif.

—For the Best New and Standard—

## DAHLIAS

—address—

PEACOCK DAHLIA FARMS,

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

Jas. Hargreaves, superintendent of parks, East Liverpool, O., spent a few days in Pittsburg accompanied by his daughter.

Weather, balmy.

J.

## Perennials

ALL FIRST-CLASS FIELD  
GROWN STOCK.

|                                 | Per 100 |
|---------------------------------|---------|
| Aquilegia, Cœrulea.....         | \$4.00  |
| Asclepias Tuberosa.....         | 4.00    |
| Baptisia, Australis.....        | 4.00    |
| Callirhoe, Involucrata.....     | 3.00    |
| Calliphium, Formosum.....       | 3.50    |
| Dicamnia, Ranunculus.....       | 5.00    |
| Gypsophylla, Panaculata.....    | 3.00    |
| Helenium, Riverton Beauty.....  | 4.00    |
| Hibiscus, Crimson Eye.....      | 3.00    |
| German Iris, Madam Chereau..... | 3.00    |
| Japan Iris, Gold Bound.....     | 5.00    |
| Liatris, Pycnostachya.....      | 3.00    |
| Monarda Cambridge Scarlet.....  | 3.00    |
| Plumbago, Larpenaea.....        | 4.00    |
| Rudbeckia, Newmanni.....        | 3.00    |
| Rudbeckia, Golden Glow.....     | 3.00    |
| Stokasia, Cynea.....            | 3.00    |
| Improved Shasta Daisy.....      | 4.00    |
| Veronica, Amethystina.....      | 3.00    |
| Vinca, minor.....               | 4.00    |
| Yucca, Filamentosa.....         | 5.00    |

MARTIN KOHANKIE,  
PAINESVILLE, OHIO.

## Geraniums

S. A. Nutt.....\$10.00 per 1000

Ricard and Poitevine.....\$10.00 per 1000

Delivery after Easter.

## Coleus

Golden Bedder and Ver-schaffeltii.....\$6.00 per 1000

## Carnations

Late delivery at special prices. Send me a list of your wants for figures.

## Lime

The best ever made for florists' use. Cheaper than the cheapest. Hydrated, pulverized and bagged, at \$4.00 per half ton. Cash before shipment.

ALBERT M. HERR  
LANCASTER, PA.

PITTSFIELD, MASS.—Mrs. H. E. Foote is having a greenhouse built on Cottage street for the cultivation of plants and flowers.

# Orchids

Our importations of **Cattleya Trianae**, **Labiata**, **Gigas Sanderiana** and **Schroederae** are on the way.

Later on we will receive **Cattleyas Mossiae**, **Gaskelliana**, **Percivaliana**, **Warnerii**, **Dowiana** etc.: also **Dendrobium Formosum**, **Laelia Purpurata**, **Oncidium Varicosum**, and several others.

**We Collect and Import Nothing but the Choicest of Plants**

No greater mistake can be made than to buy cheap Orchids.  
We specialize in supplying the trade. Write us.

**CARILLO & BALDWIN, Mamaroneck, N. Y.**

# Lilies

that can be shipped to you at any time that will be in just right for Easter, at 12½ cents per bud.

**Imported Hydrangeas**, 6-in., 6 to 8 heads, at \$1.00 and \$1.25; 8-in., 8 to 12 heads, at \$1.50 to \$2.00 each; 9-in., 10 to 20 heads, at \$2.00 to \$2.50 each.

**Solireas**, three varieties and sizes at 35, 50 and 75 cents; Pink variety at 50c, 75c and \$1.00 each.

**Baby Rambler Roses**, 3¼-in., at 20 cents, large bushy plants in 6-in. at 75c and \$1.00 each.

**White Ramblers**, 4-in., \$2.00; 5-in., \$5.00.

**Hermosa and Souper Roses**, 3½-in., 20 cents; 4-in., 25 cents; 5-in., 50 cents each.

**Cinerarias**, 5-in., at 25 cents each.

**Bulb Stock**, we shall have 4-in., 5-in., and 6-in. pans of **Hyacinths**, as well as **Daffodils** and **Paper Whites**. Ask for our prices.

Besides other stock we shall have about 1,000 large 4-in. **Geraniums** and 400 or 500 5-in. ones in full bloom for Easter.

We have a few special things we will close out cheap for cash.

**Violets**, Princess of Wales out of bench \$2.50 per hundred for plants and 20 cents for the clumps.

**Hydrangea Otaska**, 2½-in., at \$5.00 per hundred.

Ask for our list of **Ferns and Decorative Plants** for Easter as we have a very large stock also soft wooded plants including **Coleus**, **Silver Leaf Geraniums**, **Salvia**, etc.

**GEO. A. KUHL**

Wholesale Grower  
PEKIN, ILL.

# Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as **Peat**, **Live Sphagnum**, **Orchid Baskets**, etc. Write for special list and catalogue.

Lager & Hurrell, Summit N. J.

# ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

**SANDER, St. Albans, Eng.**

NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.



The Long  
Full

Spikes

of

**Gladiolus**  
**Mrs. Francis King**

Are most effective Window and Counter display in summer and early fall and sell at double the price because of their striking color and giant size.

Bulbs, all bloomers, \$18.00 to \$24.00 per 1000, according to size.

We are the introducers; this is another of our \$1000 kinds.

**Vaughan's Seed Store,**

New York. Chicago.

# Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft ..... 65c 3 to 3½ ft ..... \$1.00  
2½ to 3 ft ..... 75c 3½ to 4 ft ..... 1.25

KENTIA NURSERIES, Santa Barbara, Calif.

# GLADIOLUS

Cinnamon Vines, Madeira Vines,  
Lilies, Iris, Daphne Cneorum, Syringa  
Japonica and Westarias.

Write for price list

E. S. MILLER, Wading River, N. Y.

**Spring Number March 29. Send Advt. Early.**



# Extra Choice Grafted Rose Plants

Pink and White Killarney, Richmond and Maryland

In 2½-in pots ready for delivery April 15th

**\$12.00 per 100**

These young plants are taken only from selected wood of our strongest stock.

**Kaiserin, own root, 2 1-2 in. \$4 00 per 100; \$35.00 per 1000.**

## Bassett & Washburn,

OFFICE: 76 Wabash Ave., Chicago, Ill.  
GREENHOUSES: Winsdale, Ill.

## SPIREAS

Fine Forcing Clumps

Gladstone.....\$ 9 00 per 100  
Queen Alexandra.....12 00 per 100

**VAUGHAN'S SEED STORE**  
CHICAGO NEW YORK

Toronto.

NO LULL DURING LENT.

The lull usually evinced during the Lenten period has been conspicuous by its absence, though the last few days have witnessed decidedly cold weather with the thermometer dropping as low as zero, a higher temperature is now coming our way and with it an increased supply of stock is looked for, the demand for roses has been large all through the season, and the stock at present is very fine, American Beauties which have been decidedly out of crop since Christmas now show indications of growth, the buds are forming nicely and they will be listed soon, Richmond are coming on long canes with good color and well shaped blooms, Killarneys are both fine, while a few very superior Mrs. Jardine occasionally find their way to the stores. Carnations of the better grades are plentiful enough to fill orders, a pleasing feature is the absence of the quantity of inferior stock which was noticeable in other years, our carnation growers are getting wise to the rule that it is the good stock which pays. Bulbous stock moves out nicely and at times is scarce which is caused by the increased demand. Violets have been the only flower which has been over plentiful but even these are moved at a price. The wearing of the green was responsible for a good day, the large number of banquets called for a lot of stock and the sale of shamrocks and green carnations was above the average. The storemen took advantage of the occasion and some very good windows were shown.

NOTES.

Harry Johnston, gardener at Government House, has been having a busy season of it. The entertainments have been many, but he always manages to have enough stock to put up a good decoration.

McIntyre & Trimbee are quickly moving towards the front. They grow a fine lot of ferns and at present have some fine cybiums.

Wm. Fendley of Brampton was a visitor. His violet houses are a mass of bloom and the quality holds up fine for the late season.

J. H. Dunlop, who has been on the sick list so long, is slowly recovering but is still confined at the hospital.

Thos. Manton has a nice lot of snowdrops which appeal to the many Englishmen in this section. H. G. D.

MINNEAPOLIS, MINN.—The nasturtium was selected as the official flower for the civic celebration early in July.

## Seasonable Stock

Azalea Mollis, bushy seedlings, 12-15 in., \$25.00 per 100; 15-18 in., \$35.00 per 100.

Rhododendrons, best named varieties 18-24 in., \$75.00; 24-30 in., \$100.00 per 100. Bushy seedlings, 18-24 in., \$60.00; 24-30 in., \$75.00 per 100.

Roses, Baby Dorothy, White Baby Rambler and Clothilde Soupert, one year, field grown plants cut back and grown out in 3 and 4 in. pots all winter now in full growth, fine stock \$ 0 00 per 100.

Nephrolepis Scholz-II, strong 5 in., \$5.00 per dozen; \$35.00 per 100.

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Nurserymen and Florists

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Fine plants for Easter; also Primules, Baby and Chinese, in full bloom, out of 4-in. \$5.00 per 100.

Alyssum, double and single, Verbenas, Stocks, Salvia, Phlox, Snapdragon, Ivy, Rose and other Geraniums and Asparagus Sprengerii, fine plants out 2½-in., \$2.00 per 100; 300 for \$5.00.

**J. C. SCHMIDT**, Bristol, Pa.



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## Trade Directory

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American Florist Co., 324 — Chicago Dearborn St.,

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Except Those Using—

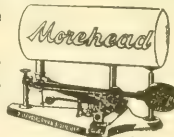
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! The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

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Department "N"

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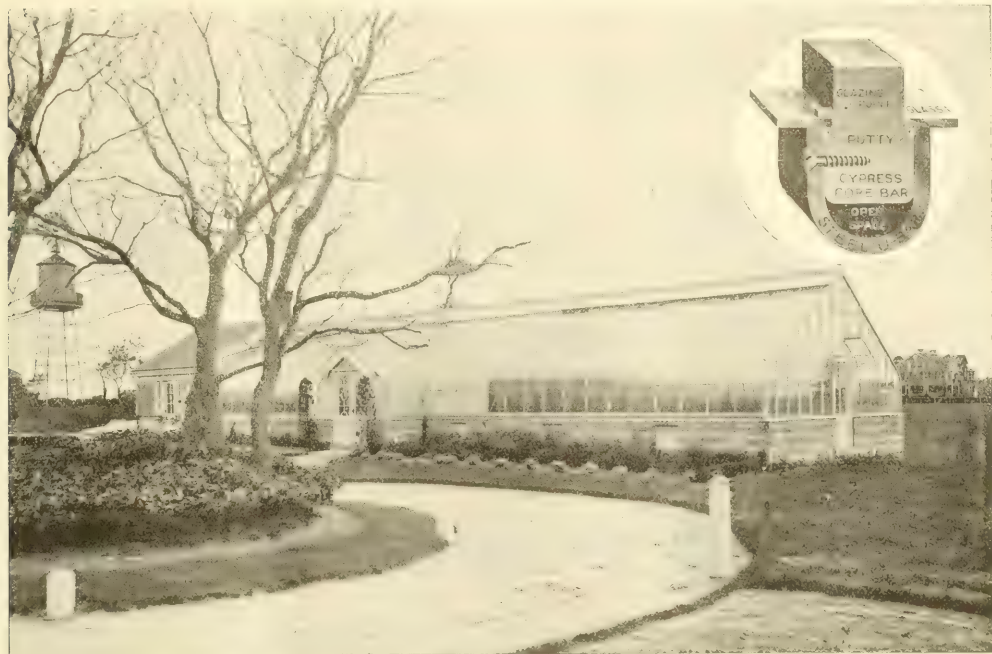
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Send for Catalogue.

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**T**HAT is how important the show looks to us. It is going to be the greatest flower show this Country has ever known.

The way the exhibitors have rallied around the flag has been a revelation. The enthusiasm of it all got into our system and we wired for double space, and have prepared an exhibit that is right in keeping with the U-Bar greenhouses. We just had to make it top notch—and better. There will be a U Bar Greenhouse there showing construction strong points that will set you thinking. It will be an exhibit of serious interest, not alone to Superintendents and Gardeners, but florists as well. Both florists who need show houses, and growers who are so frequently asked by their private customers about the best house to build.

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PIERSON

DESIGNERS AND BUILDERS



U-BAR CO.

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# National Flower Show

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**Mechanics Building,  
Boston, Mass.**

**March 25 to April 1, Inclusive,**

**Under Auspices**

**Society of American Florists**

**In Connection with**

American Rose Society, American Carnation Society,  
National Sweet Pea Society, Gladiolus Society,  
National Association of Gardeners, Gardeners'  
and Florists' Club of Boston and the  
Massachusetts Horticultural Society.

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Departments now receivable.**

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in prizes, and diagram of floor space to

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**5 Park Square, BOSTON, MASS.**

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Ageratum, 3-in., \$4 per 100; \$35 per 1,000; rooted cuttings, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

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Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.

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Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.

Alternantheras, red and yellow, 2 1/2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, 6 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Alyssum, dbl. dwarf and giant, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Araucaria excelsa glauca, 6-in., 14 to 18 ins., \$1.25 each; \$14 per doz.; 6-in., 16 to 18 ins., \$1.50 each; \$17 per doz.; Robusta compacta, 6-in., 14 to 16 ins., \$2 each; \$22 per doz.; 7-in., 16 to 18 ins., \$3 each; \$34 per doz. Vaughan's Seed Store, Chicago and New York.

Araucarias, For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucarias, excelsa, 5-in., 80 per doz.; 6-in., \$12. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Araucaria excelsa, 3 tiers, 50c each; \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

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Araucarias, McHutchinson & Co., 17 Murray St., New York.

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Asters, Dreer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fine Asters, \$2.50 per 100 or \$18 per 1,000. Rev. P. Castner, 120 Taylor St., Washington, N. J.

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Asparagus plumosus nanus seed, per 1,000, \$4; 5,000, \$18.75. A. Henderson & Co., 51 Wabash Ave., Chicago.

Asparagus plumosus and Sprengeri. For prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Potbound 3-in. Sprengeri can be shifted into K. in. \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, 1c. Asparagus Sprengeri, extra heavy 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, \$2 per 100; Sprengeri, \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2 1/2-in., 2c; 3-in., 4c; 4-in., 8c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 3-in., \$4 per 100; 2 1/2-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 3 1/2-in., \$5 per 100. Henry Daut, Decatur, Ill.

## ASPIDISTRAS.

Aspidistra lurida, var., 15c per leaf; plants, \$1 and up. Green, 8c per leaf; plants, 60c up. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Asparagus Sprengeri, 2 and 3-in. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 2 1/2-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## AZALEAS.

Azalea mollis, 12 to 15-in., \$25 per 100; 15 to 18-in., \$35. Storrs & Harrison Co., Painesville, O.

Azaleas, Jacs Smits, Naarden, Holland.

Azaleas, Wm. Tricker, Arlington, N. J.

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Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock, 3-in., \$4 per 100; Lemon verbenas, moonvine, Echeveria glauca, Salvia, variegated geraniums, Mrs. Parker, geraniums, Swainsons Juba Stock from 2 1/2-in., \$2.50; 100; German Ivy, Impatiens Sultan and Holsti, cuphea, snapdragons, fuchsias, Var. Vinca, lobelia, Ageratum, Clematis Paniclea, Variegated ice plant, hardy pinks, Abutilon Savitzi, nutmeg and rose geraniums. Rooted cuttings, from soil, \$1 per 100; Carnation Queen, German Ivy, Salvia, pinks, stevia, ageratum, tradescantia, Acais repens, lobelias, Santolina, Swainsons Juba, Verbena, Chrysanthemums, rooted cuttings, White Cloud, Pacific Supreme, Bells, Golden Glow, \$2 per 100. C. Eisele, Philadelphia.

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Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Azalea, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100; Begonia La Patrie (ciner.) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonia Lorraine, 2 1/2-in., twos transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for ancestral list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 80c per doz.; \$4 per 100; \$35 per 1,000. Gladioli, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Flske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. P. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Gladiolus "1900," color, rich red, 2nd size bulbs, 1 1/2 to 1 3/4-in., \$7 per 1,000; 3rd size bulbs, 1 to 1 1/4-in., \$5 per 1,000. Thomas J. Oberlin, Sinking Spring, Pa.

Bulbs, hyacinths, tulips, narcissus, crocus, Sparas, gladioli, geonies, etc. Van Zanten Bros., Hillegorn, Holland.

Bulbs, hyacinths, tulips, daffodils, gladioli, iris, peonies, dahlias, spiraea, Gt. Van Waveren & Kruljff, 491 Bouree Bldg., Philadelphia.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Bulbs, Calla Elliottiana, large size, \$20 per 100; 2nd size, \$15. Leecham Bulb Co., Santa Cruz, Calif.

Bulbs, Hly. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Gladiolus Niagara, 25c each; \$15 per 100; \$150 per 1,000. Frank Banning, Kinsman, Ohio.

Bulbs, MacNiff Horticultural Co., 62 Vesey St., New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mile. Berat, Chicago, Iroquois Chief, Laurence and David Harum, \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Cannas, dry roots, David Harum, \$2.50 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. Neff's 20th Century real, \$5 per 100. Strictly cash. Neff National Floral Co., Bellevue, Pa.

Cannas, Sec. Chebanne, Cinnibar, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all root and soil), \$1. Wagner Park Conservatories, Sidney, O.

Cannas, 10 vars., \$4 per 100. King Humbert, 3 1/2-in., \$6. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

| ROOTED CARNATION CUTTINGS. |                      |         |         |
|----------------------------|----------------------|---------|---------|
| March 15 Delivery.         |                      |         |         |
| Washington                 | cerise, a sport from | 100     | 1000    |
| Enchantress                | .....                | \$10.00 | \$75.00 |
| Princess Charming          | beautiful flesh      |         |         |
| White                      | .....                | 12.00   | 100.00  |
| Sangamo                    | brilliant flesh      | 6.00    | 50.00   |
| Mary Tolman                | deep flesh           | 6.00    | 50.00   |
| May Day                    | .....                | 6.00    | 50.00   |
| J. Whitcomb Riley          | yellow               | 6.00    | 50.00   |
| Shasta                     | white                | 6.00    | 50.00   |
| May Day                    | deep pink            | 3.00    | 25.00   |
| Enchantress                | .....                | 3.00    | 25.00   |
| Alvina                     | cerise               | 3.00    | 25.00   |
| White Enchantress          | .....                | 3.00    | 25.00   |
| Victory                    | .....                | 3.00    | 25.00   |

CHICAGO CARNATION CO., Chicago.

| ROOTED CARNATION CUTTINGS. |       |         |         |
|----------------------------|-------|---------|---------|
| Per 100 Per 1,000          |       |         |         |
| Washington                 | ..... | \$10.00 | \$75.00 |
| Sangamo                    | ..... | 6.00    | 50.00   |
| Mary Tolman                | ..... | 6.00    | 50.00   |
| May Day                    | ..... | 6.00    | 50.00   |
| Reacon                     | ..... | 3.00    | 25.00   |
| White Perfection           | ..... | 2.50    | 20.00   |
| Enchantress                | ..... | 2.50    | 20.00   |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

Carnation, Enchantress, Perfection, Reacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations, Dorothy Gordon, plants from 24-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, deep white variety, R. C. \$1 per 100. Elbon, scudlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 24-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

Carnation Dorothy Gordon, R. C. \$5 per 100; \$50 per 1,000. Joseph Heacock, Wycoate, Pa.

Carnations, leading varieties. Chas. H. Tutty, Madison, N. J.

Carnations, Boston Market 24-in., 24c. Mosbrook Greenhouse Co., Onarga, Ill.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

Carnations. A. M. Herr, Lancaster, Pa.

## CHRYSAETHYMUMS.

Chrysaethymums, rooted cuttings, \$1.50 per 100; 2-in., \$3 per 100 of the following varieties: White and Pink Garza, Buckbee, Enguehard, Bonafont, Golden Glow, T. Eaton, Pacific Supreme, THE GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

Chrysaethymums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian Mich.

Chrysaethymums, the best leading varieties, \$1.50 per 100; \$12 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Chrysaethymums, novelties and standard varieties. Chas. H. Tutty, Madison, N. J.

Chrysaethymums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per 100; 1-year, \$3. C. Eisele, Philadelphia.

Clematis paniculata, strong, \$10 per 100. GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

## COBEAS.

Cobea Scandens, 3-in., 4c. GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

## COLEUSES.

Coleus, Standard varieties including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000; 24-in., 2c. Mosbrook Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffeltii, Queen Victoria, Firebrand, Lyons, Hero, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, G. Bedder, Verschaffeltii, \$6 per 1,000; standard asst., \$5; giant leaved, \$10. A. M. Herr, Lancaster, Pa.

Coleus, yellow, red and variegated, 2-in., heavy \$2 per 100. Wagner Park Conservatories, Sidney, O.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.

## CROTOMS.

Crotoms. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Crotoms, 5-in., 75c each; \$9 per doz., 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

Cyclamens. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Rochs Company, Rutherford, N. J.

Cyclamens, transplanted seedlings, Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 24c. J. L. Schiller, Toledo, O.

Cyclamens, var. Crowned One strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 24-in., \$3 per 100. GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

## DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias, hollyhocks, hardy plants, etc., plants reasonable. W. W. Wilmore, Box 882, Denver, Colo.

## DAISIES.

Giant Double Dahlias, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisy seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

## DRACENAS.

Dracena Fragrans, 24-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracenas. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Dracena indivisa, extra strong, 24-in., one-year-old, \$3 per 100; \$25 per 1,000. Cash. Henry Daut, Decatur, Ill.

Dracena Brunii, 6-in., 40c to 50c. G. Aschmann, 101 W. Ontario St., Philadelphia.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emman, Newton, N. J.

Dracena Indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia.

Dracena Indivisa, 24-in., 3c. Mosbrook Greenhouse Co., Onarga, Ill.

## EASTER PLANTS.

Easter Plants: Roses, Lady Gay, Crimson Rambler, Perkins, Newport Fairy, Hiawatha, 75c to \$5. Baby Rambler and Phyllis, 75c to \$1.50. Am. Beauty, 50c to \$1.50. Hydrangea Okatake, 50c to \$1.50. Rhododendrons, \$2 to \$3. Azaleas, \$1 to \$5. Lilacs, \$1.50 to \$2.50. Genias, 25c to 75c. Spirea Gladstone, Queen, Alexandra, 75c to \$1.50. Callas, 40c to 50c. Primula Ob., 25c to \$1.50. Salvias, geraniums, hollyhocks, Marguerites, 15c to 40c. Asparagus, hardy plant Spruce, 15c to 50c. C. Eisele, Okatake, \$1.25 to \$5. Begonia Rex, 25c to 40c. Ferns, Boston and Whitman, 5-in., 40c; 6-in., 50c. Ferns asst., 4-in., 10c; 5-in., \$3 per 100. Palms in all sizes. Phoenix Rochester, \$1.50 to \$7.50. The Park Floral Co., Denver, Colo.

Easter pot plants. Easter lilies, 4 blooms and up, \$12 per 100 flowers. Azaleas Van der Cruysen, 75c to \$2.50 each. Baby Rambler, white and pink, 4-in., \$3 per doz.; 5-in., \$4. Spirea Gladstone, 6-in., \$6 per doz.; Japan Maples, 7-in., \$12 per doz. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

## FERNS.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$80 per 1,000; 50c at 1,000 each; 4-in., \$1.50 per doz.; 5-in., \$100 per 1,000; 60c at 1,000 rate. THE GEO. WITTBOLD CO., Edgemoor, Chicago, Ill.

Ferns, Boston, Pierson, Scotti, 24-in., 4c; 3-in., \$1.50; elegantissima and Whitman, 24-in., 5c; 3-in., 10c. Special prices on large quantities. Ferns. Mosbrook Greenhouse Co., Onarga, Ill.

Ferns, Heavy plants, Boston, 4-in., \$15 per 100. Pierson, elegantissima, Barrows, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c. Boston, 5-in., 25c. Geo. M. Emman, Newton, N. J.

Ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Boston ferns, 24-in., \$5 per 100. Nephrolepis elegantissima, 24-in., \$5 per 100. Good strong healthy plants. J. M. Cochrane, 548 W. 119th St., Chicago, Ill.

Ferns, N. Scholzel, 6-in., \$5 per doz.; \$35 per 100. N. Bostonensis, 24-in., \$4 per 100. Scotti, 4-in., \$20 per 100. Storrs & Harrison Co., Painesville, O.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For prices and varieties see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 24-in., \$3.50 per 100; \$30 per 1,000. Frank Oeschlin, 4911 Quincy St., Chicago.

Neph. Glatrail, 24-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatrail, 463 Summit Ave., West Hoboken, N. J.

Ferns. Bobbink & Atkins, Rutherford, N. J.

FERNS. Fine stock from 24-in. pots ready now: Nephrolepis BOSTONIENSIS, the Boston fern, \$3.50 per 100; \$30 per 1,000. Nephrolepis DAVILLOIDES, the Furcans, the Fish Tail fern, \$4 per 100. Nephrolepis GOODII, the Baby's Breath fern (new), a greatly improved Amerphill, \$7 per 100. Nephrolepis PIERSONI, the Tarrytown fern, \$3.50 per 100. Nephrolepis ROSEI, the Velvet, the Fountain fern (new); see last week's American Florist. The grandest of all ferns, ready June 1, 1911, \$3.50 per doz.; \$25 per 100; \$200 per 1,000. Nephrolepis SCOTTII, the Newport fern, \$4 per 100. Nephrolepis SPRINGFIELDI, the Springfield fern, upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis SUPERBISMA, the Flare Ruffles fern (new), \$6 per 100. Nephrolepis WHITMANI, the Ostrich Plume fern, \$3.50 per 100. DAVILLOIDES, the Fishes, 10 best varieties, \$3 per 100; \$27.50 per 1,000. For larger sized ferns, write for prices. Our new trade list of everything you need now ready, mailed 2-in. application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, SPRINGFIELD, OHIO.

Ferns. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

## FEVERFEW.

Feverfew, double white, 24-in., 24c. Mosbrook Greenhouse Co., Onarga, Ill.

## FICUS.

Ficus pandurata, 6-in., \$2.50 each; 7-in., \$3.50. Ficus repens, 5-in. per doz., 5-in., \$1. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

## FUCHSIAS.

Fuchsias, 6 vars., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## GERANIUMS.

Geraniums, asst., 2-in., \$2 per 100; 3-in., \$3; 17y geraniums, 2-in., \$2 per 100; 3-in., \$3; 17y geraniums, var. foliage, L. Eleganta, Duke of Edinburgh, 2-in., \$3 per 100; 3-in., \$4. Silver leaf S. A. Nutt, and Sophie Dumaresque, 2-in., \$2 per 100; 3-in., \$4. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vioand, Castellane, Poltevine, Janlin, Ricard, Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$2. Geo. M. Emman, Newton, N. J.

ROOTED CUTTINGS, A1 stock, Nutt, Grant, Poltevine, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery about April 10. The W. T. Buckley Co., Springfield, Ill.

Geraniums, standard varieties, 24-in., \$2.50 per 100; \$20 per 1,000; 3-in., 6c. Rose geraniums, 24-in., 24c. Mosbrook Greenhouse Co., Onarga, Ill.

Geranium Mme. Salleron, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

RED WING, the best 1910 novelty, deep cardinal red, rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mme. Salleron, 24-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, S. A. Nutt, \$1.15 per 1,000; Ricard and Poltevine, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and 6 others, 3-in., \$4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

## GREVILLEAS.

Grevillea robusta (silver oak), 3-in., 6c. Mosbrook Greenhouse Co., Onarga, Ill.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 60-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 6c per yard. J. Janky, Jr., Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaten, Evergreen, Ala.

Fern Nephrolepis Roosevelt, 24-in., 40c each; \$3.50 per 100; \$25 per 1,000; \$200 per 1,000. Good & Reese Co., Springfield, O.

Greens, wild smilax, 60-lb. case, \$5. Fancy and dagger ferns, 10,000 to case, \$1.25 per 1,000. New National Floral Co., Bellevue, Pa.

Greens, evergreen, fancy and dagger ferns, bronze and green galax, Geo. Cotsonas & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Minster, Ala.

## HARDY PLANTS.

### REAL NOVELTIES AND NOVEL REALITIES IN HARDY PLANTS.

The biggest collection offered anywhere, is found in our NOVELTY CATALOGUE, just out of great interest to the amateur and commercial grower alike. It describes and illustrates uncommon plants of singular beauty, desirability, and simplicity of growth; plants, pensive to acquire. Besides, our low prices, plants are big, making them valuable, in small or large quantities. Mated along with our illustrated wholesale catalogue of HARDY PERENNIALS, etc., on receipt of three 2c stamps, which pays postage only, and which amount is credited on first order.

PALISADES NURSERIES, Inc., Sparkill, N. Y. Imperative to mention this paper.

Hardy plants: Aster borne Anglica rosea, \$4 per 100. Coreopsis lanceolata, \$3 per 100. Gaillardia grandiflora, \$4 per 100. Hibiscus Crispum Eye, \$3 per 100. Hibiscus Moscheutos, \$3 per 100. Manard's Didyma, \$4 per 100. Platycodon alba, grandiflora and Manard's, \$3 per 100. Shasta daisy, \$4 per 100. Sweet Williams, \$3 per 100. Strong field-grown plants. Norman & Hacker, Painesville, O.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus multiflorus, \$10 per 1,000. Garden pinks, Lychins Hazena, Pyrethrum, Gaillardia grandiflora, and Sweet Williams, \$5 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Perennials. For varieties and price see advertisement elsewhere in this issue. Martin Kohlsie, Painesville, O.

Pinks, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, 2 1/2-in., 2 1/2-c. Mosbrook Greenhouse Co., Onarga, Ill.

Heliotrope, R. C., \$1 per 100. Geo. M. Emman, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Albany strain in mixture, all at \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue. W. W. Willmore, Box 352, Denver, Colo.

## IVY.

Ivy, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Ivy, R. C. English, \$1; German, 50c per 100. prepaid. Chas. Frost, Kenilworth, N. J.

## ISMENE.

Ismene Cathartina, large size, \$4 per 100; small size, \$2 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## LILACS.

LILACS, Marie LeGrave, pot-grown for forcing, \$1 each; \$9 per doz. Chas. X. pot-grown, for forcing, \$1 each; \$9 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Lilacs, Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley pips, cases of 1,000, \$9 per 1,000; cases of 3,000, \$3 per 1,000. J. M. Thorburn & Co., 33 Barry St., New York.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley pips, \$1.50 per 100; \$14 per 1,000. H. N. Bruns, 3040 W. Madison St., Chicago.

## LOBELIAS.

Lobelia Kathleen Mallard and Newport Model, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lobelia Kathleen Mallard, 2 1/2-in., \$2 per 100. Henry Daut, Decatur, Ill.

## MOONVINES.

Moonvines, Ipomea Maxima, \$4 per 100; the old variety, \$3.50 per 100. Good & Reese Co., Springfield, O.

## MOSS.

Sphagnum Moss, new selected stock, 10 bbl. bales, \$3.50 per bale; 5 bbl. bales, \$2 per bale. H. H. Cranmer, Brookville, N. J.

Sphagnum moss, 10-bbl. bales, \$4 per bale; 5-bbl. bales, \$2.25 per bale. Rooted peat, 90c per sack. J. H. Sprague, Barre, N. J.

## MUSHROOM SPAWN.

Mushroom Spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

## NURSERY STOCK.

NURSERY STOCK, Spruce Van Houttei, 15 to 24 ins., \$5 per 100. Forsythia V. 12 to 18 ins., \$4 per 100. Philadelphus Cor., 12 to 18 ins., \$4 per 100. Early Richmond Cherry, 2-yr., 1 1/2-in. stems, 7 to 8 ft. trees, 50c each. Dye-house cherry, 2-yr., 1 1/2-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$25 per 100. Berberis Thunbergii, 4 to 5 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. J.

Nursery stock, sugar maple seedlings. Viturnum Cassinoides, White pine, hemlock, Pinus pungens, diavariata. Harlan P. Kelsey, Salem, Mass.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, flowering maples, tree hydrangeas. Jacs Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andora Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, The MacNitt Horticultural Co., 62 Vesey St., New York.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, Importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 23 Broadway.

Orchids, all commercial, cattaeas and novelties. Carrillo & Baldwin, Seacaucus, N. J.

Orchids, Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utrius, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$8 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pandanus. For varieties and prices see advertisement elsewhere in this issue. GEO. WITTBOLD CO., 737 Buckingham Place, Chicago.

## PANSIES.

Pansies (transplanted): these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; direct 6 varieties, 75c per 100; \$5 per 1,000. F. A. Baller, Bloomington, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 50c prepaid. See. Chas. Frost, Kenilworth, N. J.

Pansies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pansy plants, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

## PALMS.

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$5 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Phoenix Canariensis, 2 to 2 1/2 ft., 65c; 2 1/2 to 3 ft., 75c; 3 to 3 1/2 ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Palms. For varieties and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. Henry A. Drex, 714 Chestnut St., Philadelphia.

Palms, Kentias. Joseph Heacock Co., Wyn-cote, Pa.

Palms. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms. Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies, all vars. Jacs Smits, Ltd., Naarden, Holland.

## PELARGONIUMS.

Pelargoniums, surplus stock, large and fine, ready for a shift. Mrs. Loyal, \$4 per 100. Surplus, Mrs. Vibert, Linda, \$5 per 100. A. D. Root, Wooster, Ohio.

## PETUNIAS.

Petunias, dbl. white and mixed, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## POINSETTIA AS.

Poinsettias, 2 1/2-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

## PRIMULAS.

Primula chinensis, 6 1/2-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

## PRIVET.

California privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. J.

Privet, California, 1- and 2-year plants. Chas. Black, Hightstown, N. J.

Ligustrum Itoha, \$5 per 100; \$40 per 1,000. \$350 per 10,000. The Horticultural Co., office: Worcester, Mass. Nurseries: Castle Hayne, N. C.

## RHODODENDRONS.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O. Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

Rhododendrons. Wm. Tricker, Arlington, N. J.

## ROSES.

ROSES. Thrifty 2-in. stock of F. E. Willard, Mrs. Ben R. Cant, Bridge, Edinboro, Pa., \$2.50 per 100; \$20 per 1,000. Wellsey, Souf, De P. Notting; White Cochet, Helen Gould, Burbank, Philadelphus Blanchet, Red La France, Coquette, Louis Blanchet, Van Houtte, Kaiserin A. V., Tausendfroh, Dorothy Perkins, \$3 per 100; \$25 per 1,000. La Reine, Jules Margottin, Margat Charte, Chestnut Hybrid, Veilchenblau (blue rose), Flower of Fairfield (everblooming rambler), Sunrise, Gloire de L'E. Bruxelles, \$3.50 per 100; \$30 per 1,000. Can furnish the above in large two-year-old plants at \$8, \$9 and \$10 per 100, except Veilchenblau and Flower of Fairfield, we have in 3 1/2-in. at \$12 per 100. Order today. Stock will be reserved for you. WAGNER PARK CONSERVATORIES, Sidney, Ohio.

Roses, grafted. Pink and White Killarney, Richmond and Maryland, 2 1/2-in. pots, \$12 per 100. Kaiserin, own root, 2 1/2-in., \$4 per 100; \$35 per 1,000. Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, Lady Hillingdon, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poeschlmann Bros. Co., Morton Grove, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding, H. P.'s hybrids and tens. W. T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, etc., Cromwell, Conn.

White Bay Rambler, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, hybrid tens. Wm. Tricker, Arlington, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties, Leedle Floral Co., Springfield, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Roses, 3-in. Wood Bros., Fishkill, N. Y.  
Roses. Dingle & Conard Co., West Grove, Pa.  
Roses. Bobbink & Atkins, Rutherford, N. J.

## SALVIAS.

Salvia Bonfire and Zurich, 2-in., \$2 per 100; 2 1/2-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Salvias, Bonfire and St. Louis. The only two varieties, \$1 per 100; \$8 per 1,000, prepaid. Chas. Humfeld, Clay Center, Kans.

Salvias, Zurich and Splendens, 2 1/4-in., 2 1/2-in. Mosbach Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvias, 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvias, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

## SEEDS.

Seeds, Asparagus plumosus nanus, 2,000 seeds, \$7.00; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seed, Asparagus plumosus nanus, \$4 per 1,000; 5,000 for \$18.75. A. Henderson & Co., 51 Abush Ave., Chicago.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett E. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25, H. Wrede, Luneburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds, Archias' Seed Store, Box 52, Sedalia, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schluder Bros., Chillicothe, Ohio.

Seeds, Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

## Contract Growers.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumber, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Ishell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, grovers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mikonette, verberna. Waldo Robert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

For Southern Seeds—Headquarters. N. L. Willet Seed Co., Augusta, Ga.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Rontzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

## SMILAX.

Smilax. Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snappdragons, 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Snappdragons, seedlings, 1c; 2 1/4-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

## STOCKS.

Stocks, English double Ten Weeks, separate colors, \$3 per 100; 300 for \$5. Mosbach Greenhouse Co., Onarga, Ill.

## SPIREAS.

Spiraea Gladstone, 6-in. bud, \$4 per doz. GED WITTHOLD CO., Edgebrook, Chicago, Ill.

Spiraea. J. Smits, Ltd., Naarden, Holland.

## STOVE PLANTS.

Store plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

## TRADESCANTIA.

Tradescantia, Zebrina, 2-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## VEGETABLE PLANTS.

Asparagus roots, Conover's Colossal and Palmetto, 3-yr., 50c per 100; \$4 per 1,000. Mosbach Greenhouse Co., Onarga, Ill.

## VERBENAS.

Verbenas, 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Lemon verbenas, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas. J. L. Dillon, Bloomer, Pa.

## VINCAS.

Vinca variegata, 2 1/4-in., \$2.50 per 100. Vinca minor, strong field-grown stock, 5c. Mosbach Greenhouse Co., Onarga, Ill.

Vinca var., 2 1/4-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., \$2 per 100. Geo. M. Emman, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

## VIOLETS.

For Sale—Violet Plants, Princess of Wales Luxonne, California, well rooted plants, clean and healthy, \$1 per 100; \$8 per 1,000. Cash with order. Jacques Gilmet, Morlan, Del. Co., Pa.

Princess of Wales violet runners, 50c per 100; \$5 per 1,000. Cash with order. Lampert Floral Co., Xenia, Ohio.

## BOILERS.

Boilers, The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-heating hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

## GOLD FISH.

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO., 920 Randolph St., Chicago, Ill.

## GLAZING POINTS.

Glazing points. See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. H. Reinhold, Henry A. Deerp, 714 Chestnut St., Philadelphia.

Slebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

## GREENHOUSE CONSTRUCTION.

Greenhouse construction of all kinds and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

## INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart, \$2 per gal. Aphine Mfg. Co., Madison, N. Y.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikotene, pint bottle, \$1.50. Nikotene Aphs Punt, \$6.50 per case of 12 paraffined boxes.

## MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

## MISCELLANEOUS.

Iron reservoir vases and lawn seattees. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

Model extension carnation support; galvanized rose stakes. Igce Bros., 266 N. 9th St., Brooklyn, N. Y.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

New imported florists' baskets. The Redleln Basket Co., 713 Milwaukee Ave., Chicago.

Reservoir vases. The M. D. Jones Co., 71-73 Portland St., Boston, Mass.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Gummed gold, silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Pillsbury's carnation Staples, 50c per 1,000 postpaid. I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Superior carnation staple, 1,000, 50c postpaid. L. J. Walte, 293 Main St., Springfield, Mass.

Store and office fixtures. Buchblinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry food. J. Bolgiano & Son, Baltimore, Md.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Boiler flues, all sizes. H. Munson, 506 N. State St., Chicago.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Glass, Baur Window Glass Co., Eaton, Ind.

Cast iron reservoir vases, Washington Iron Works, Buffalo, N. Y.

Pansy baskets, plant and fruit baskets. Webster Basket Co., Box 55, Webster, N. Y.

## POTS, PANS, ETC.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Nonconet vapor pots. Vaughan's Seed Store, Chicago and New York.

Pots, J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

"NUP-SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Pots of all kinds. L. Hudrka Pottery Co., 2109 Herndon St., Chicago.

Pots, Florist red. Peters & Reed Pottery Co., Zanesville, O.

## STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$5.50 for 1,000.

Pine stakes, about 8 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

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## Joseph Heacock, the Orchid and Rose Grower says this about Lord & Burnham Houses:

That Iron Frame house you built for us in May and June was planted the first week in July with 18,000 roses of the varieties Killarney, White Killarney and Richmond. We commenced cutting flowers for the market the first week in September. The growth, owing to the great amount of light in the house, has been most rapid. The house, while light, is strong and substantial, every post being cemented into the ground, and is built to grow roses for the next half century at the least possible outlay for repairs.

Before giving out the contract we had an estimate from another construction company for a house of the same size. While there was over \$3,000 difference between the two bids, we decided that the Lord & Burnham house was the cheaper at the higher figure. We see no reason to regret our decision. We expect to build more houses in the future and do not see how we could improve on what we have already built.

When I go up to our place at Edgewood, 18 miles from Wyncote, and go through our new greenhouse, so well designed for **strength and light**, and see how the roses fairly revel in the sunshine, and note the difference in their growth and those growing in our houses built fifteen to twenty years ago, I marvel at the great advance in greenhouse building and am more than pleased with our new venture.



*Joseph Heacock*



55 feet wide by 600 feet long.

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# Spring Number March 29. Send Advs. Early





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Show in Boston,  
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Our exhibit will be  
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### Hot Water Boilers

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#### Boiler for Greenhouses

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#### Detroit.

#### CLUB MEETING.

About twenty-five members attended the club meeting March 20. The chief feature was a most instructive paper read by Ferd. Kolbe on "Carnation Culture." The essayist is a very successful grower of this flower but not extensively, and this perhaps is one of the reasons why he can give such close attention to his modest area of glass. A lengthy discussion followed the reading of the paper and in this the essayist gave more fully and in detail his cultural methods, the essential features of which were shown to be most careful attention to temperature and watering. He uses no manure of any kind beyond that used in the original compost prepared a year before using. A hearty vote of thanks was given Mr. Kolbe. Thos. Browne had on exhibition a vase of seedling carnation blooms of fifty-five distinct varieties, all of desirable shades of color and magnificent large flowers on strong stems nearly thirty inches long. A vote of thanks was given the exhibitor, who stated that they were seedlings in their second year and further trial will be given all of them before selections are made for dissemination. It developed that only the following named florists will visit the National Flower Show at Boston, from here: Philip Breitmeyer and his son Harry, Robt. Rahaley, A. Pochelon, C. H. Plumb, C. H. Maynard. Pres. Browne appointed the following members of the Boston visitors to make an extended report of their observations while east at the meeting of April 17: Natl. Rahaley, on features of the wholesale trade; C. H. Plumb, from the growers' viewpoint, and A. Pochelon will keenly inspect features of the retail trade. An attempt will be made to hold a trade exhibit of plants and flowers about April 3 and for this purpose Pres. Browne appointed a special committee consisting of Chas. Plumb, A. Pochelon, Thos. Browne, M. Bloy and Robt. Rahaley.

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IRON FRAME  
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#### IMPROVED VAPORIZING PANS

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The Most Economical Type of Boiler  
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NEW YORK

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#### NOTES.

Frank Danzer spent several days last week visiting the trade in Pittsburg and Cleveland. In comparing trade conditions as he observed them there with this city he is impelled to feel proud of the City of the Straits.

Breitmeyers had a very extensive and unique decoration of the big Hudson store this week. The left hand work of Mr. Danzer was here seen to his credit.

Frank Holznaple has recently purchased a big Winton touring car that he will use for the double purpose of business and pleasure.

E. A. Feters has added to his equipment a handsome Oliver delivery car.

Visitors: Martin A. Leganger, representing A. L. Randall Co., Chicago, J. F. S.

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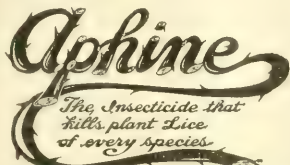
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Most Nicotine for the Money!

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| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 47.25   |



Destroys green black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects without the slightest injury to the tenderest flower or foliage.

An excellent cleanser for decorative stock. You can rely on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

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\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

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Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park departments and state colleges of the country.

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## Cattle Manure in Bags Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.



## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequalled for all field use. Write for circulars and prices.

The Pulverized Manure Company

32 Union Stock Yards.

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## The Mastin Automatic Whitewash and Spraying Machine Is Reliable, Practical and Durable



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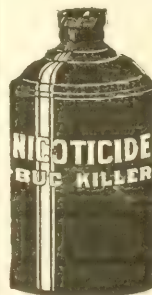
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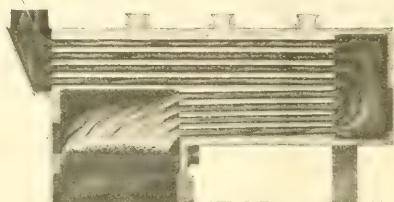
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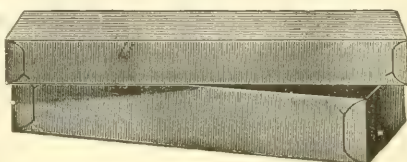


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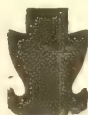
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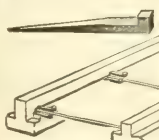
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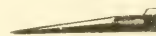
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Vol. XXXVI.

CHICAGO AND NEW YORK, APRIL 1, 1911.

No. 1191

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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F. KASTING, Buffalo, N. Y., Treas. Adjourned  
meeting at Boston, Mass., March 31-April 1.  
Annual Convention at Baltimore, Md., August,  
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## THE SECOND NATIONAL FLOWER SHOW

Boston, Mass., March 25-April 1.

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The Second National Flower Show of the Society of American Florists, in co-operation with the American Rose Society, the National Sweet Pea Society, the American Gladiolus Society, the Massachusetts Horticultural Society, the National Society of Gardeners and the Gardeners' and Florists' Club of Boston, was opened to the public, March 25, and will continue to April 1. The flower show committee, the board of control and the city of Boston have achieved wonders. The exhibition is a marvel of beauty and words will fail to properly describe what has been accomplished.

When the doors were thrown open to the public at 8 p. m. March 25, the exhibition was formally opened with a crowded meeting in Paul Revere Hall, a spacious room in the Mechanics' Building, in which the exhibition was held. John K. L. M. Farquhar first addressed those present, introducing Chairman F. R. Pierson, who gave a brief resume of the reasons for, and aims of this great show, also reading a cablegram, just then received from W. W. Wells, of England, expressing a wish for the success of the exhibition. Mayor Fitzgerald, of Boston, being introduced, extended a hearty welcome to all, and mentioned incidentally that Boston had been in the lead in horticulture since 1829 when her first Horticultural Society was organized. Governor Eugene N. Foss, of Massachusetts, on being introduced, extended a hearty welcome for the state and remarked that such exhibitions as this had much to do in attracting the attention of people to the beauties and pleasures of leading a rural life and accomplished a great deal toward bettering the conditions of a great many people. Congressman Samuel McCall spoke briefly, referring to W. R. Smith, who was on the platform, as one of our greatest benefactors horticulturally, and relating the story of how a certain congressman who wanted flowers in Washington, was advised to say something pleasant about Bobbie Burns, to

Mr. Smith and he would be sure of receiving them, unfortunately, he said something about a Jimmie Burns and got into hot water. President Chas. W. Parker of the Massachusetts Horticultural Society, spoke briefly, he being followed by Geo. Asmus president of the S. A. F. Mr. Asmus gave a most interesting talk and in his remarks expressed the hope that people when admiring the many beautiful flowers and plants, would give some credit to the hybridizers, as well as to the growers. W. R. Smith then made a few remarks and the great national flower show was officially open.

Saturday, the opening night, there was a large attendance and on Sunday when the doors opened crowds began to flock in, the people of Boston surely are good patrons of flower shows. The attendance at the show is extremely large, the halls being crowded every day.

Three orchestras furnished the music which added much to the entertaining of the people, refreshment counters were on two of the floors, making it very convenient for the many workers.

The many silver cups offered as prizes were displayed in the main corridors and attracted a great deal of attention.

After the rose classes were judged, the exhibits were re-arranged in a very artistic manner, straight lines being avoided entirely in the arrangement of the color groups, adding a great deal to the beauty of the exhibition.

### The Exhibition.

The Mechanics Building is all that could be desired for flower show purposes, three immense floors, and an unusually large amphitheatre. In this amphitheatre, most of the garden exhibits were located, the stage and a goodly portion of the arena was laid out as a Dutch garden by the firm of R. & J. Farquhar & Co. A windmill was a conspicuous feature of the landscape, behind which was seen plantings of somber evergreens. The foreground,



laid out with curving paths and undulating flower borders, the flowers in seemingly endless variety in the Dutch style were simply grand in their effect, gravel walks helping to carry out the reality of the scheme. Among the flowers employed were splendid examples of cyclamens, tulips, many varieties of narcissi, hyacinths, Begonia Gloire de Lorraine, etc.

Following the gravel path from the Dutch garden a green and gold mass is reached, the exhibit of Thos. Roland, Nahant, Mass., and which consists of large specimen acacias, some 25 varieties, all literally loaded with their yellow blossoms, and just enough of the light feathery foliage showing to make the green and gold effect perfect, this was surely one grand display.

On one side of this yellow mass the Julius Roehrs Co., Rutherford, N. J., erected a colossal mound of orchids, surmounted by a towering tree fern, the varieties of orchids in flower were very numerous and many very choice things were among them.

Further we came to a charming group of plants from A. N. Pierson, Cromwell, Conn., azaleas, adiantum Farleyense, rhododendrons, hydrangeas, spiraeas, ferns in many kinds, young stock begonia and budded roses and a few vases of their two new roses Dark Killarney and Prince de Bulgarie, both of which look very promising; the latter is a pleasing pink and seems to have stem and foliage desirable for all purposes. A collection of dwarfed Japanese plants by the Yokohama Nursery Co., New York, was a most attractive feature.

Bobbink & Atkins, Rutherford, N. J., made elaborate exhibits of varied commodities, their large collections of clipped box, baytrees, and decorative plants were special features as was also their showing of evergreens, this collection embraced 100 varieties, and they were all grown in their own nursery, no imported plants being among them.

F. R. Pierson Co., Tarrytown, N. Y., showed several collections of ferns, the exhibit of large specimens of the nephrolepis family being particularly good. Some of the varieties were *N. viridissima*, *N. elegantissima* and *N. amepohlii*.

Lager & Hurrell, Summit, N. J., made a beautiful and seemingly complete collection of flowering orchids, together with a number of unestablished plants. The Easter Nurseries, Jamaica Plain, showed a nice collection of conifers. Knight & Street, New York, exhibited a collection of commercial flowering plants. W. W. Edgar Co., Waverley, had a very fine group of flowering and decorative plants, among which were choice specimens of hydrangeas, genistas, lilies and ferns. Ellwanger & Barry, Rochester, N. Y., had a collection of evergreens. W. A. Manda, South Orange, N. J., made extensive exhibits of nursery stock, palms, ferns and orchids.

Henry A. Dreer, Philadelphia, had many fine things in their group of plants, notably the collection of variegated pineapple—the hollyfern, *Cyatium Rochfordii* and a double white marguerite Mrs. F. Sander. The Crow Fern Co. showed samples of hardy cut greens. Paul de Nave, Fall River, Mass., exhibited a small collection of

orchids and a collection of flowering plants was shown by R. C. Bridgham, Boston.

Some of the retailers took a lively interest putting up very creditable and attractive displays. S. Hoffman, Boston, had a garden scene laid out very prettily. Penn Bros., Boston, showed a bridal party under a rustic arbor which was also very attractive.

Thomas F. Galvin, Boston, an arbor of specimen decorative plants.

The New England Nurseries, Bedford, Mass., were exhibitors of evergreens, and the Mount Desert Nurseries, Bar Harbor, Me., made an extensive exhibit of their new fern *Nephrolepis Milleri*, a very fine fronded form of this fern.

McMullin, Boston, staged a collection of azaleas, rhododendrons, antirrhinums, genistas, etc., and that is about what constituted the exhibit in that particular hall, every plant and flower seemed perfect and the hall, as to arrangement and material was a picture such as has not perhaps been seen before.

A. Leuthy & Co., Roslindale, a massed group of decorative and flowering plants.

#### The Rose and Plant Exhibits.

Now let us glance into the other main hall, where roses, smaller flowering plants and cut flowers were the principal feature. Along one side is a typical rose garden, paths, borders, etc., laid out by M. H. Walsh, Woods Hole, Mass., and filled with varieties all of his own breeding and raising. Immense are the rambler plants seen here, and perfect in shape, carrying thousands of blossoms. Among varieties conspic-

uous are Winona, pink; Troubadour, deep pink; Celeste, single white; Hiawatha, red; Lady Blanche, double white, all of them grand and making this exhibit one of the distinct features of the show.

Close adjoining is another rose garden, filled with smaller specimens, but equally pleasing, enclosed in a fence covered with trailing roses with arbors of the same over each entrance. This unique and pleasing attractive garden was laid out by Thos Roland, Nahant, Mass.

Going down the centre is seen the prize group of crotons from Robert Craig Co., Philadelphia, then a charming group of schizanthus, followed in succession by groups of amaryllis, azaleas, lilies and some well grown specimens of that old fashioned greenhouse favorite, the chorizema, some of us had not seen this plant before for, well, a great many years.

Then we come to a pergola, erected and festooned by Carbone, Boston. Groups of statuary urns filled with aquatics and specimen rhododendrons all helped to make this an attractive feature. Immense specimen azaleas were dotted here and there, a plant of *A. vorteneana*, eight feet in diameter among them. *Cineraria stellata*, Ghent azaleas, schizanthus, lilies, tulips, hyacinths, cyclamens, were all subjects for separate groups and were a truly dazzling picture of color. Along the sides were tables devoted to cut flowers, everything in season represented and something in the way of a chrysanthemum that seemed out of season, a yellow sort, labeled Seven Oaks. Rhododendron Lady Alice Fitzwilliam, an almost white, lily shaped flower was also seen in this section.



FIRST PRIZE VASE OF KILLARNEY ROSES.

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R. & J. FARQUHAR & CO.'S DUTCH GARDEN AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25.

#### Kift's Impressions of the Big Show.

William Kleinheinz said on the third day of the exhibition, "I would never forgive myself if I had not come to this great flower show," and there will be many hundreds all over this broad land who, after reading of the many features of this wonderful display, will say, "How I do wish I had been there." Not that the attendance was poor, in fact, it was quite as good, if not better than the average S. A. F. convention. Familiar faces were continually coming into view until it seemed as if every member of the old guard had reported and each one had brought a friend along.

All that can be said of this great collection of plants and cut flowers, with its bewildering array and magnificence of arrangement at every turn, should be heralded to every part of the land both by the press and the many members of the trade who were fortunate enough to be present, and received the inspiration that came from even the first glance of the main floor, and as the visitor progressed and one feature after another came into view he was held speechless with admiration. The rose garden of Thomas Roland was the acknowledged masterpiece of the show, it was a most beautiful and charming arrangement of climbing and polyantha roses ever planned for an exhibition in this country, and was at all times surrounded by an admiring crowd, not only amateurs, but by members of the trade who were as much taken with it as the laymen, and seemed to see in it something new every time they passed that way.

Next in interest was the wonderful collection of acacias and other hardwood plants, staged also by Mr. Roland. Nowhere in this country was

there ever seen such an assortment of plants of this character together, all were in full flower, having been timed to the day, to be in their best condition for this display. Men would stand and admire it, exchanging words of praise with one another over this plant and that, and the general excellence of everything, and go away only to return again and again as if they could not get enough. A similar entry in the same competition alongside was also very beautiful, but lacked the variety of Mr. Roland's. The plants that stood out in his group were the magnificent *Acacia pubescens*, *dealbata* and other choice sorts and the well-flowered *bougainvilleas*, *heath* and *boronias*.

Probably the next most attractive exhibit was the great collection of rambler roses from M. H. Walsh of Woods Hole. He has done great things in this line before, but some of the plants staged here were certainly more near perfection than anything he has ever shown. They were arranged separately with a garden effect, having a green imitation or green setting which showed them off to the best advantage. The larger plants were as well flowered and covered with blossoms as they could have been if grown outside, the large nearly white colored specimen *Lucille* was a mass of clusters of its lovely bluish-colored blooms, *Lady Gay* seemed equally as full and all the other famous sorts of this wizard of rose growers were of such excellence that it was difficult to select one more beautiful than the others. This exhibit was adjoining the rose garden of Mr. Roland, covering the same amount of space and many of the visitors, who came hundreds and thousands of miles, were heard to say it was alone worth the journey to see these roses.

Julius Roehrs' collection of orchids was wonderful in its assortment of rare and valuable varieties, to get so many of these plants, which are difficult to handle, in flower at one time was a feat indeed. The Dutch garden by Farquhar's was well arranged and contained an enormous lot of stock, magnificent bay trees and all sorts of semi-hardy foliage plants were arranged in attractive groups, and lighted up by much bulbous stock in the beds of the foreground. The collection of cyclamen in this exhibit were superb, and in fact, wherever these plants were seen they stood out in such general excellence that Boston can be said to be the natural home of the cyclamen.

There were many handsome groups of palms and other foliage plants in this section of the show, which was laid out with graveled walks to give the whole a garden effect. Numerous rustic chairs and settees placed at intervals, helped the general appearance and were a great comfort to the visitors. The Robert Craig Co. made a large exhibit of their well-known crotons, which were much admired. Other striking entries from the Quaker City came from the private collections of John Wanamaker, C. W. Newbold and the Pepper estate. Wm. Robertson, the gardener of the Pepper estate, won first prize with splendid *cinerarias*. Thos. Logan and Wm. Batchelor, manager and gardener for C. W. Newbold, staged two magnificent azaleas six feet in diameter and a mass of blooms. The largest cistibium in the show was also in their group of plants and they won several first prizes. John Dodds, gardener for John Wanamaker, entered a magnificent specimen of new *pandanus*, a sport from P. Sanderli. It is beautifully marked, being a clear yellow where the well-known P. *Vietchii* is



white, and is a most distinct novelty. It received first prize as the best specimen plant of any kind and many other honors. The display of cut roses, which were staged the first day, were quite equal if not superior to any of the exhibitions of the National Rose Society. American Beauty entries were scarce, there being but three vases in the class for fifty blooms, the prize being won by Myers and Samtman of Philadelphia.

The growers of the Quaker City did themselves proud and kept up their reputation as the first rose growers of the land, winning about all the first prizes. White and pink Killarney, Richmond, Mrs. Jardine and My Maryland. The first and second prizes were divided up among the Philadelphia growers with some additional merits for culture thrown in. It is not often that a first prize is backed up by an additional word of praise or special prize for further excellence, but such was the case in the Myers and Samtman's American Beauty roses and E. Towill's entry of fifty Richmonds. Robert Scott & Sons' new sport, Double Killarney, and the new yellow Irish tea Melody, scored 66 and 84 points respectively and were very much admired. Many large orders were booked on the spot by the busy Pennock-Meehan Co.'s attendants, whose company is the agent for the sale of these roses, and took advantage of this opportunity to meet so many growers and to display at their balcony stand samples of the flowers and young stock for this spring delivery.

Tuesday morning ushered in the sweet peas and brought forth a magnificent display of these increasingly popular flowers. Words almost fail to describe the beauty of the general effect of the immense number of blooms displayed. William Sim, that past

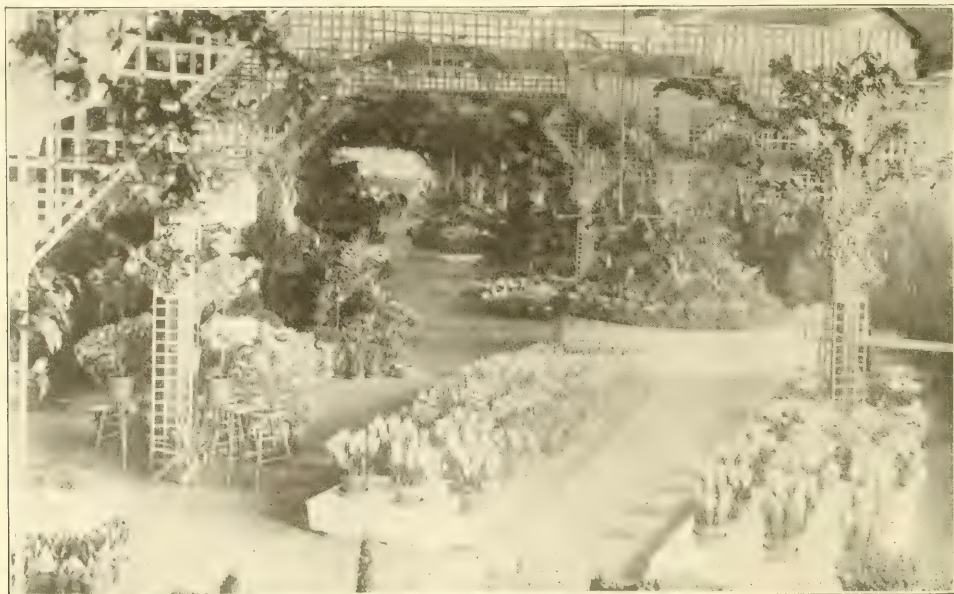
master in the cultivation of this flower, and the greatest commercial grower of sweet peas in this country, made a wonderful exhibition, filling a series of tall pyramid stands, four feet high, with magnificent long-stemmed blossoms, each stand containing one variety. The first sight of this display invariably called forth expressions of delighted surprise. There were other fine exhibits of these lovely flowers. The wonderfully fine vases of the seedlings, crosses of the orchid flowered Spencer type which opened up a new field in the development of this flower, were exquisite in coloring in their variety of shades of white, orange, pink,



Chester I. Campbell.  
Manager Second National Flower Show.

blue and, in fact, all colors of the rainbow. The broad fringed petaled blooms were very distinct and showed great possibilities, these creations were the work of Mr. Zvolanek, who says he is now done, thinking he has brought the flower to its highest point of perfection, and will work up a stock of the varieties for commerce. There were some very pretty decorated tables and arranged baskets and bouquets of sweet peas, which were surrounded at all times by an admiring crowd.

The Carnation Society's exhibits were being judged as I was leaving to catch a train. A hasty glance showed one of the leaders among the new ones to be a lovely blotched white and pink, a distinct and promising novelty, as it had everything in color, form and stem to make it desirable. It was called Mrs. Barron. Another winner by Peter Fisher was a striped sort similar to Mrs. Patten, but having distinct points of excellence over that undoubtedly fine variety. Wm. Kleinheinz was given a preliminary certificate for his excellent scarlet seedling, Miss Dimple Widener. The attendance which is so necessary to the success of such an exhibition was most encouraging in the early days and it was thought by the manager, Mr. Campbell, that it would be a record breaker, as it was better at this stage than the recently held auto show, which was so successful. To the hard-working officials, headed by F. R. Pierson, who have given so generously of their time to the working out of the details and bringing about such wonderful results, and to the magnificent efforts of Thomas Roland, who has worked with such zeal for two years past to show his fellows what could be done in this line, and to the Messrs. Walsh and Farquhar and all the other large exhibitors who have contributed so much to make this Na-



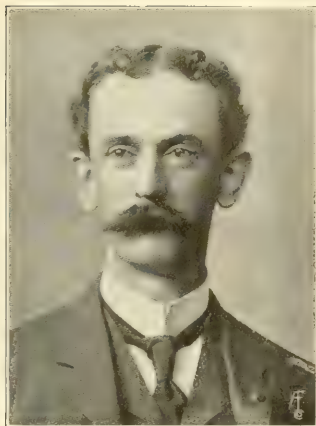
THE MAIN HALL AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25.



F. R. Pierson.



J. K. M. L. Farquhar.



E. Allan Peirce.



P. Welch.



Thos. Roland.

## NATIONAL FLOWER SHOW BOARD OF CONTROL.

tional Flower Show a success, there can not be given too much commendation and praise. K.

**Trade Exhibits.**

On the second floor are the trade exhibits of florists supplies which are attractively displayed by the several firms and the following were noticed:

Welch Bros., of Boston, have a noteworthy exhibit of florist supplies, including all kinds of fancy chiffons, bridal scarfs, ribbons, fancy baskets, artistic and metallic wreaths, glassware, fern dishes, palm pots. This exhibit covers 300 square feet and is full of the choicest specimens.

Henry F. Michell & Co., Philadelphia, Pa., display pottery and terra cotta ware and grass seeds.

S. S. Pennock-Meehan Co., Philadelphia, have an exhibit of ribbons for all the different shades of flowers and includes seventeen shades of tulle ribbon which are an exact match for the several flowers. They also exhibit Double Pink Killarney and Melody roses.

John Lewis Childs, Floral Park, N. Y., has a display of bulbs including

gladiolus, liliums and yellow callas in pots.

The Lord Frost Proof Plant Box Co., Minneapolis, Minn., show the box which they make is frost proof, and that plants can be shipped in all kinds of weather. It is provided with a special arrangement whereby even if the box is placed on the wrong end the plant will not be damaged, but is held in its proper place.

Cedar Acres, Wenham, Mass., have a display of gladiolus bulbs.

The Climax Manufacturing Co., Castorland, N. Y., exhibit the improved lock corner folding boxes.

Schloss Bros., New York, all kinds of ribbons.

Wertheimer Bros., New York, sprinkle proof ribbons and sprinkle proof chiffons.

Wm. Jurndahl, Cambridge, Mass., exhibit of light birch rustic work.

Wm. J. Boas Co., square lock flower boxes.

Stone & Forsythe, Boston, Mass., boxes and florists' supplies.

Fottler Fiske & Rawson Co., Boston, Mass., make a notable exhibit of florists' supplies, bulbs and Dutch hyacinths in pans. This is a very nice display.

Gt. Van Waveren & Kruijff, Philadelphia, Pa., Dutch and French bulbs, and Holland and Belgium stock.

Joseph G. Neidinger, Philadelphia, Pa., a nice display of wax flowers and metal designs and a fine line of novelties for floral use.

O. Cusamans, Boston, group of garden statuary.

Henry M. Robinson & Co., Boston, Mass., a very nice display of boxes, ribbons, imported baskets and wax flowers, metal and cypress wreaths, wheat, magnolias, their motto: "We never disappoint." They have also galax, hose and all general florists' supplies.

**Allied Trade Exhibits.**

In the basement were the allied trades, and the exhibits were very comprehensive. Among them were some of the prominent exhibitors:



American Blower Co., Detroit, Mich., return steam trap, The New Detroit.

Ideal return steam trap, Cleveland, Ohio, Ideal pipe clamps. Bate evaporators trap, first time shown, trap has new valve construction.

Thos. J. Grey Co., Boston, Mass., cold storage valley, spirea and tulips, they show two ploughs, one 150 years old, and a gold plated one from the Syracuse Plough Co. Thos. Grey Co. are their agents, horse and hand lawn mowers, seed sowers, land cultivators. The Iron Age.

A. F. Stearns Lumber Co., Boston, Mass., greenhouse material and pipe fittings, agents for The Challenge Ventilating Machine.

Boston Plate and Window Glass Co., Boston, Mass., greenhouse glass, plate and mirrors.

Revere Rubber Co., Boston, Mass., Revere hose.

Benjamin Hammond, Fishkill, N. Y., paint, putty and slugshot.

Kroeschell Bros. Co., Chicago, hot water boiler No. 14, 1910 model, capacity 48,000 square feet glass. Sold to John Barr, South Natick, Mass., also Kroeschell generator, threaded tube pipings system, Ideal chain wrench, shaking and dumping grates.

Lord and Burnham Co., New York, iron frame greenhouses and heating apparatus, also iron bench construction.

Hitchings & Co., New York, iron frame greenhouse, boiler exhibit and iron bench construction.

Church Power Sprayer, tree trucks, with gasoline engines and tanks, these looking like powerful machines.

Johnston Heating Co., New York, locomotive boiler used for steam or hot water, they show a water heater used in forced hot water circulation with baffle plates on each head.

United States Radiator Co., Geneva, N. Y., showing line of furnace boilers

for both hot water and steam. Rumsey pumps for every kind of service.

The American Agricultural Chemical Co., New York, farm and garden fertilizers.

Boston Belting Co., Boston, Mass., line of garden and greenhouse hose.

Ormsby Ventilating Apparatus, Boston, Mass., ventilating apparatus operated by springs.

Weatherhead Co., New York, patented tee for curved caves, with portable cement base, sold in 8-foot 33-inch sections.

American Auxiliary Heating Co., Boston, Mass., circulator.

Pierson U-Bar Co., New York, complete greenhouse iron frame, curved eave, slate, iron frame, and tile benches.

International Harvesting Co. touring car, auto wagon and spraying rig, one power plant.

Means and Thacher, Boston, Mass., paint and putty.

A. H. Hews & Co., Cambridge, Mass., general line of flower pots, pots and saucers were furnished free to every exhibitor in the show.

Danal Hliffe, Boston, Mass., greenhouse showing ventilating apparatus, sectional boiler for hot water or steam.

The C. W. Brownell Co., orchid, peat and moss.

Lunt Moss Co., Boston, Mass., nice exhibit of machinery for pumping water and making electricity.

Wilson Plant Oil and Fertilizer Co., Chatham, N. Y., plant oil and supplies.

Aphine Manufacturing Co., New York, aphine and fungine.

The Advance Co., Richmond, Ind., ventilating machines and brackets.

King Construction Co., New York, iron frame greenhouse and iron frame boiler house.

## Awards.

### Flowering Plants—Miscellaneous.

Acacias, best 18 plants not less than four varieties—Thomas Roland, Nabant, first; Mrs. Frederick Ayer, second.

Acacias, best six plants not less than three varieties—Thomas Roland, first.

Acacias, best three plants, one or more varieties—Thomas Roland, first; Mrs. F. Ayer, second.

Acacia pubescens, best specimen plant—Thomas Roland, first.

Acacia paradoxa, best specimen plant—Thomas Roland, first.

Amayrillus, best 36 plants not less than 18 varieties—Thomas Roland, first.

Acacia, best single plant—Thomas Roland, first; Thomas Roland, second.

Amayrillus, best 12 plants not less than nine varieties—Thomas Roland, first.

Anthurium, best six plants not less than three varieties—W. A. Manda, South Orange, N. J., second.

Anthurium, best specimen plant—Lester Leiland, first; W. A. Manda, second.

Azalea Indica, best 24 plants not less than six varieties—Julius Roehrs Co., Rutherford, N. J., first.

Azalea Indica, best 12 plants not less than six varieties—Peirce Bros., Waltham, first; W. W. Edgar Co., Waverly, second.

Azalea Indica, best six plants not less than three varieties—A. M. Davenport, Watertown, first.

Azalea Indica, best specimen plant pink or rose—Peirce Bros., first.

Azalea Indica, best specimen plant white—C. B. Newbold, first.

Azalea Indica, best specimen plant any other color—Peirce Bros., first.

Azalea mollis, best 12 plants not less than four varieties—Sidney Hoffman, first.

Begonia Gloire de Lorraine, best six plants—A. M. Davenport, first; A. M. Davenport, second.

Boronia, best six plants not less than two varieties—Thomas Roland, first.

Bougainvillea, best six plants—Thomas Roland, first; Thomas Roland, second.

Bougainvillea, best specimen plant—Thomas Roland, first; Thomas Roland, second.

Camellias, best specimen plant—W. A. Manda, first.

Chenaria hybrids, best six plants—Mrs. John L. Gardner, first.

Chenaria stellata, best six plants—Mrs. John L. Gardner, first.

Cyclamen, best 36 plants—R. & J. Farquhar & Co., first.

Cyclamen, best 12 plants—W. C. Rust, first; Robert Craig Co., Philadelphia, Pa., second.

Chorizanthe, best four plants—Mrs. John L. Gardner, first.

Chorizanthe, best specimen plant—Mrs. John L. Gardner, first.



THE EXHIBITION OF CUT ROSES AT THE SECOND NATIONAL FLOWER SHOW, BOSTON, MARCH 25.



GENERAL VIEW IN THE LARGE HALL AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25.

Ericas, best 24 plants not less than six varieties—Thomas Roland, first.  
 Ericas, best six plants—Thomas Roland, first; Mrs. F. Ayer, second.  
 Erica melanthera, best six plants—Thomas Roland, first; Mrs. F. Ayer, second.  
 Ericas, any species, best specimen plant—Mrs. F. Ayer, first; Thomas Roland, second.  
 Flowering shrubs, best 12 plants standard or tree form, not less than six varieties (offered by the Massachusetts State Board of Agriculture)—W. A. Manda, first; Peirce Bros., second.  
 Gardenias, best six plants—John McFarland, North Easton, first.  
 Gardenias, best specimen plant—John McFarland, second.  
 Genistas, best 12 plants—Thomas Roland, first.  
 Genista, best specimen plant—Mrs. E. M. Gill, Medford, second.  
 Flowering plants, best group arranged for effect with palms and other foliage plants to cover not less than 200 square feet—Edward McMulklin, first.  
 Forced shrubs, best group of forced shrubs and herbaceous plants arranged for effect to cover not less than 200 square feet—Peirce Bros., first.  
 Hydrangeas, best 12 plants not less than three varieties—Thomas Roland, first; Thomas Roland, second.  
 Hydrangeas, best six plants not less than two varieties—Thomas Roland, first.  
 Hydrangeas, best specimen plant—J. W. Dudley & Sons, Parkersburg, W. Va., second.  
 Lilacs, best 12 plants, not less than three varieties—Julius Roehrs Co., first; Peirce Bros., second.  
 Lilacs, best three plants—Peirce Bros., second.  
 Marguerites, best specimen plant—James Marlborough (T. E. Procter, gardener), first.  
 Marguerites, best six plants not less than two varieties—James Marlborough, first.  
 Rhododendrons, best 24 plants not less than six varieties—Julius Roehrs Co., first.  
 Rhododendrons, best 12 plants not less than three varieties—W. A. Manda, first.  
 Rhododendrons, best specimen pink or lavender—W. A. Manda, second.  
 Rhododendrons, best plant white or nearly white—W. A. Manda, third.  
 Spirea or Astilbe, 12 plants not less than three varieties—Peirce Bros., second.  
 Wistaria, best specimen—Peirce Bros., first.  
 Geraniums, best 12 plants, 12 varieties—W. Ames, first.  
 Primula obconica, best 12 plants—W. C. Rust, first.  
 Schizanthus, best six plants—Mrs. E. S. Grew, Manchester, first; John L. Smith, second.  
 Specimen flowering plant other than above—W. A. Manda, first.

#### Palms and Foliage Plants.

Arecas, best pair—George Barker, first. W. A. Manda, second.  
 Arecas, best specimen—W. A. Manda, first.  
 Cocos Australis, best specimen—W. A. Manda, first.  
 Cocos plumosus, best specimen—W. A. Manda, first.  
 Kentia Belmoreana, best pair—W. A. Manda, first; E. McMulklin, second.  
 Kentia Belmoreana, best specimen—W. A. Manda, first.  
 Kentia Forsteriana, best pair—W. A. Manda, first.  
 Kentia Forsteriana, best specimen—W. A. Manda, first.  
 Phoenix Robelenii, best pair—Bobbink & Atkins, Rutherford, N. J., first; A. Bieschke, Norton, Conn., second; James McKau, Tuxedo Park, N. Y., third.  
 Phoenix rupicola, best specimen—W. A. Manda, first.  
 Palms, other than above—W. A. Manda, first.  
 One specimen palm, other than above—W. A. Manda, first.  
 Bay trees, best display—Bobbink & Atkins, first; R. & J. Farquhar, second.  
 Bay trees, best pair pyramidal—George Barker, first; S. Hoffman, second.  
 Bay trees, best pair standard—George Barker, first; S. Hoffman, second.  
 Box trees, best display—W. A. Manda, first; Bobbink & Atkins, second.  
 Box trees, best pair pyramidal—W. A. Manda, first; S. Hoffman, second.  
 Box trees, best pair standard—W. A. Manda, first; S. Hoffman, second.  
 Box trees, best pair bush—W. A. Manda, first; W. A. Manda, second.  
 Aracacias, best six plants, three or more varieties—W. A. Manda, first.  
 Crotons, best display—Robert Craig Co., Philadelphia, Pa., first.  
 Crotons, 25 plants, 25 varieties, not over 6 inch pot—Robert Craig Co., first.  
 Crotons, best six plants, six varieties—Mrs. F. Ayer, first; Robert Craig Co., second.  
 Cycas, best specimen—W. A. Manda, first; W. A. Manda, second.  
 Dracaenas, best 12 plants, six varieties—W. A. Manda, first; Thomas Roland, second.  
 Dracaenas, best specimen, green—W. A. Manda, first; E. McMulklin, second; W. A. Manda, third.  
 Dracaena, best specimen, red—Robert Craig Co., first; W. A. Manda, second.  
 Dracaenas, best specimen, any other color—P. B. Dane, first; Robert Craig Co., second; W. A. Manda, third.  
 Ficus elastica, best specimen—W. A. Manda, first.  
 Ficus pandurata, best specimen—W. A. Manda, first; Robert Craig Co., second.  
 Pandanus, best specimen—W. A. Manda, first.

Pandanus, best specimen any other variety—J. Doidge, first; W. Thatcher, second; W. A. Manda, third.  
 One specimen greenhouse or store foliage plant other than above—W. Thatcher, first.  
 Greenhouse or store foliage plant, six plants, six varieties—W. A. Manda, first.  
 Cacti or other succulent plants, best collection—W. A. Manda, first.  
 One specimen succulent plant—W. A. Manda, first.  
 Banana tree, best specimen in fruit—James Marlborough, first.  
 Confers, best collection, not less than 25 varieties—W. A. Manda, first; R. & J. Farquhar, second; Bobbink & Atkins, third.  
 Confers, best six specimens—W. A. Manda, first; W. A. Manda, second.  
 Confers, best three specimens—W. A. Manda, first; W. A. Manda, second.  
 Confers, best two specimens—W. A. Manda, first; W. A. Manda, second.  
 Confers, best single specimen—W. A. Manda, first.  
 Orchids.  
 Orchids, best collection arranged with foliage plants for effect, to cover not less than 100 square feet. For commercial growers only—Julius Roehrs Co., first.  
 Orchids, collection 12 plants, 12 varieties—E. B. Dane, Brookline, first; W. A. Manda, second.  
 Cattleya Trianae, best specimen plant—J. T. Butterworth, So. Framingham, first; W. A. Manda, second.  
 Cattleya Schroederi, best specimen plant—W. A. Manda, first.  
 Cattleya, any other variety—J. T. Butterworth, first; W. A. Manda, second; W. A. Manda, third.  
 Cypripedium, best collection not less than 25 varieties—E. B. Dane, first; W. A. Manda, second.  
 Cypripedium, best six plants, six varieties—E. B. Dane, first; W. A. Manda, second.  
 Cypripedium, best specimen—W. A. Manda, first; J. T. Butterworth, second.  
 Cologerie, best specimen—E. J. Milton, Brookline, first.  
 Dendrobium, best 12 plants, 12 varieties—W. A. Manda, first.  
 Dendrobium, best specimen plant—Henry Stewart, Waltham, first; W. A. Manda, second.  
 Dendrobium Wardianum, best specimen plant—W. A. Manda, first; J. T. Butterworth, second.  
 Lelia anceps, best specimen plant—T. T. Watt, Wellesley, first; T. T. Watt, second.  
 Odontoglossum, best specimen plant—W. A. Manda, first.  
 Oncidium, best specimen plant—W. A. Manda, first.  
 Phalaenopsis, best specimen plant—W. A. Manda, first.  
 Vanda, best specimen plant—Lager & Hurrell, Summit, N. J., first.  
 Specimen orchid in flower other than above—W. A. Manda, first.



## Ferns.

*Adiantum Farleyense*, best specimen—James Marlborough, first; W. A. Manda, second; James Marlborough, third.

*Adiantum runcinatum*, best specimen—E. B. Dune, first; Gen. Barker, second.

*Aspidium*, best specimen—W. A. Manda, first.

*Chloium Schiedei*, best specimen—C. B. Newbold, first; Mrs. Frederick Ayer, second; W. A. Manda, third.

*Davallia*, best specimen—W. A. Manda, first; Wm. Thatcher, second.

*Nephrolepis exaltata* and varieties, best display, one of each, pots not to exceed eight inches in diameter—F. R. Pierson Co., Tarrytown, N. Y., first; W. A. Manda, second.

*Nephrolepis Bostoniensis*, best specimen—F. R. Pierson Co., first.

*Nephrolepis Scottii*, best specimen—F. R. Pierson Co., second.

*Nephrolepis Piersonii*, best specimen—F. R. Pierson Co., first.

*Nephrolepis Piersonii elegantissima*, best specimen—F. R. Pierson Co., first.

*Nephrolepis Whitmanii*, best specimen—F. R. Pierson Co., first.

*Nephrolepis*, any other variety, best specimen—F. R. Pierson Co., first; F. R. Pierson Co., second; Kossley Bros., New York, third.

*Polypodium*, best specimen—W. A. Manda, first; W. W. Edgar Co., second.

*Stag Horn Fern*, best six plants—W. A. Manda, first.

*Stag Horn Fern*, best specimen—W. A. Manda, first; Mrs. Frederick Ayer, second.

*Tree Fern*, best specimen—W. A. Manda, first; W. A. Manda, first.

*Fern*, any other variety, best specimen—W. A. Manda, first.

*Fern*, best specimen not in commerce—W. A. Manda, first; F. R. Pierson, second.

## Flowering Plants—Roses.

Best display in pots or tubs, any or all classes, to occupy not less than 300 square feet—Thomas Roland, first; M. H. Walsh, Woods Hole, second.

Best 12 climbing or rambling, six or more varieties—M. H. Walsh, first.

Best Lady Gay, specimen plant—M. H. Walsh, first.

Best Hiawatha, specimen plant—M. H. Walsh, first.

Best climbing, any other variety—M. H. Walsh, first.

Best Baby Rambler, crimson, six plants—Thomas Roland, first.

Best Baby Rambler, pink, six plants—Thomas Roland, first.

Best Baby Rambler, white, six plants—Thomas Roland, first.

Best collection of standard or tree roses, 12 or more plants, six or more varieties—Thomas Roland, first.

The judges wish to call attention to the special excellence of the total exhibits. The competition was so keen that there was little difference in quality and size between the first and second prize winners, and the exhibits of the roses at large were of a quality exceedingly even and close second to the best.

## Flowering Plants. Bulbs.

*Hyacinths*, best eight 10-inch pans distinct varieties—J. L. Smith, Swampscott, first; George Barker, Swampscott, second; Wm. Patterson, Wollaston, third.

*Hyacinths*, best three 10-inch pans white—W. C. Rust, Brookline, first; Wm. Patterson, second.

*Hyacinths*, best three 10-inch pans pink or red—W. C. Rust, first; Wm. Patterson, second.

*Hyacinths*, best three 10-inch pans light blue—W. C. Rust, first; Wm. Patterson, second.

*Hyacinths*, best three 10-inch pans dark blue—W. C. Rust, first; Wm. Patterson, second.

*Hyacinths*, best 50 single pots not less than 12 varieties—J. L. Smith, first; Wm. Patterson, second.

*Lilies*, best display to cover not less than 100 square feet. Foliage plants may be used for effective arrangement—J. McFarland, No. Easton, first; Peirce & Co., second.

*Narcissus*, large trumpet, 12-inch pans, 12 varieties—J. L. Smith, first; Wm. Patterson, second.

*Narcissus*, short or medium trumpet, best 12 10-inch pans, 12 varieties—J. L. Smith, first; Wm. Patterson, second.

*Narcissus*, best three 10-inch pans Glory of Leiden—Wm. Patterson, first.

*Narcissus*, best three 10-inch pans Bicolor or Victoria—Wm. Patterson, first.

*Narcissus*, best three 10-inch pans Empress—Wm. Patterson, first.

*Narcissus*, best three 10-inch pans, Golden Spire—Wm. Patterson, first.

*Narcissus*, best three 10-inch pans double—Wm. Patterson, first.

*Narcissus*, best three 10-inch pans, any other double—Wm. Patterson, first.

*Tulips*, early single, 12 10-inch pans distinct varieties—J. L. Smith, first; Wm. Patterson, second.

*Tulips*, early single, eight 10-inch pans distinct varieties—J. L. Smith, first; Wm. Patterson, second.

*Tulips*, early single, best three 10-inch pans white—Wm. Patterson, first.

*Tulips*, early single, best three 10-inch pans scarlet or crimson—J. L. Smith, first.

*Tulips*, early single, best three 10-inch pans pink—Wm. Patterson, first.

*Tulips*, early single, best three 10-inch pans yellow—Wm. Patterson, first.

*Tulips*, early double, best six 10-inch pans not less than three varieties—Wm. Patterson, second.

Miscellaneous bulbs, best collection arranged for effect to cover not less than 100 square feet—R. & J. Farquhar, first; Sidney Hoffman, second.

The judges were so deeply impressed with the beauty and artistic arrangement of the first prize exhibit that they earnestly recommended the additional award of a gold medal.

One specimen bulbous plant in flower other than above—T. T. Watt, first. The judges were specially attracted by the cutty in this class of *Narcissus* King Alfred and would recommend a reward of a certificate of merit.

## National Association of Gardeners.

*Carnations*, six varieties, 10 blooms each, F. R. Pierson cup—Wm. Kleinheinz, first; John H. Dodds, second.

*Carnations*, three varieties, 10 blooms each, Alpine Manufacturing Co. prize—Abram Wynne (W. W. Heroy, grower), first; Thos. Aitchison, second.

*Carnations*, best seedling, Robert Cart cup—Wm. Kleinheinz, first; Abram Wynne, second.



W. Atlee Burpee

President Sweet Pea Society of America.

*Gardenia*, best 12 blooms, Gould Chemical Co. cup—C. B. Newbold, first; Henry Seigel, Maumrock, N. Y., second.

*Roses*, American Beauty, best 12 blooms, Hitchings & Co. cup—Wm. Kleinheinz, first.

*Roses*, four varieties, 12 blooms each—Alpine Manufacturing Co. prize—Wm. Kleinheinz, first.

*Roses*, best 12 blooms pink, Boddick & Atkins cup—James Stewart, second.

*Roses*, white, 12 blooms—James Stewart, first.

Best six foliage plants in pots for table decoration—Wm. Kleinheinz, first.

*Orchids*, best specimen cattleya, Julius Roehrs Co. cup—Donald McKenzie, first.

*Orchids*, best specimen in bloom except cattleya, Lager & Hurrell cup—John H. Dodds, first.

Sweet peas, best mixed vase, Old Farm Hotel cup—Wm. Kleinheinz, first.

*Cineraria stellata*, best three plants, Pierson Bar cup—Clement Newbold, first; John H. Dodds, second.

*Cineraria* hybrids, best three plants, Ellwanger & Barry cup—Wm. Robertson, first.

*Primula obconica*, best six plants, H. F. Mitchell Co. cup—C. B. Newbold, first; W. F. Rich, second; John H. Dodds, third.

*Cyclamen*, best six plants, W. & T. Smith Co. cup—John H. Dodds, first.

*Violets*, best 100 blooms, single, Association cup—Henry Darling, first.

Stocks, best vase, Association cup—Abram Wynne, first.

Best display cut flowers of bulbous or tuberous plants, Peter Henderson cup—Wm. Kleinheinz, first.

Best flowering plant, Alpine Manufacturing Co. cup—C. B. Newbold, first.

Best new or rare plant, Scott Bros. cup—John H. Dodds, first.

## Cut Flowers.

*Antirrhinum*, 12 white—James Marlborough, first; N. F. Comley, Lexington, second.

*Antirrhinum*, 12 yellow—T. E. Procter, first; N. F. Comley, second.

*Antirrhinum*, 12 red—T. E. Procter, first; N. F. Comley, second.

*Antirrhinum*, 12 pink—W. T. Walke, Salem, first; S. J. Goddard, Framingham, second.

*Antirrhinum*, largest display—N. F. Comley, first; W. T. Walke, second.

Display of pansies—N. F. Comley, first; W. C. Ward, East Milton, second.

*Pansies*, 100 double—W. E. Turner, Woburn, first; W. C. Ward, second.

*Violets*, 100 double—P. S. Smiley, West Roxbury, first.

*Violet*, 100 single—William Sim, Cliftondale, first; E. J. Cummings, Woburn, second; Sidney Hoffman, third.

Display of violets—William Sim, first; Henry Penn, second.

*Mignonette*, 25 spikes—William Nicholson, first.

Stocks, display of cut blooms, not less than six vases—P. S. Smiley, first; S. J. Goddard, first; W. T. Walke, second.

Display of lilac blooms—J. W. McIntyre, Philadelphia, Pa., first.

Display of cut blooms of lily of the valley—John McFarland, first.

Display of bloom of marguerites—Pierce Bros., first.

## Roses.

Fifty American Beauty—Myers & Santman, Chestnut Hill, Pa., first; Bassett & Washburn, Chicago, second.

Fifty Killarney—A. Farnwald, Roslyn, Pa., first; Waban Rose Conservatories, Natick, second.

Fifty White Killarney—Waban Rose Conservatories, first; Peckham Bros. Co., Chicago, second.

Fifty Richmond—Edward Towell, Roslyn, Pa., first; A. Farnwald, second.

Fifty My Maryland—A. N. Pierson, Cromwell, Conn., first; Myers & Santman, second.

Fifty Mrs. Jardine—Robert Scott & Sons, Sharon Hill, Pa., first; J. Stephenson's Sons, Philadelphia, Pa., second.

Fifty Kaiserin Augusta Victoria—Robert Scott & Sons, first.

Fifty Mrs. Aaron Ward—Waban Rose Conservatories, first; W. H. Elliott, Boston, second.

Fifty Cardinal or Rhen-Rid—W. H. Elliott, first; Bassett & Washburn, second.

Twenty-five Killarney—L. A. Noe, first; Myer & Santman, second.

Twenty-five Killarney—J. R. Andre, first; A. Farnwald, second.

Twenty-five White Killarney—J. R. Andre, first; Peckham Bros. Co., second.

Twenty-five Richmond—E. Towell, first; J. W. Young, second.

Twenty-five My Maryland—J. W. Young, first; W. Geiger, second.

Twenty-five King—L. A. Noe, first; Pittsburgh Cut Flower Co., second.

Twenty-five Bridehead—Waban Rose Conservatories, first; L. A. Noe, second.

Fifty Bon Silence—W. H. Elliott, first.

Twenty-five any other dissiminated variety—W. Geiger, first; Exeter Rose Conservatories, second.

To S. J. Renter & Son, silver medal for Improved Double White Killarney. Certificate to Robert Scott for sport of Killarney; silver medal for Melody. Certificate to F. R. Pierson Co. for sport of White Killarney, scored 81 points. Certificate to Myers & Santman for Hilda, scored 81 points.

The Hitchings silver cup was won by the Waban Rose Conservatories with White Killarney. The King Construction Co. cup was awarded to E. Towell.

Certificates were awarded to A. N. Pierson Co. for Lady, scored 82 points; Guide Rose, 81 points; Dark Pink Killarney, 82 points.

## Carnations.

The carnation exhibits did not seem to be so numerous as in other years and many of the growers are of the opinion that the blooms are not of as good quality nor so perfect as would have been the case had the show been held in January. Due to the late date the exhibits seem to be of the highest type of perfection. The exhibits of Fred Burk of Pittsburgh, Pa., and Edward C. Williams of Chicago, Ill., of Washington and F. Dörner & Sons Co. of Lafayette, Ind., did not arrive in time to be judged for the judges to pass upon them. No doubt the failure of these large exhibitors to be able to stage their blooms was one great reason why the show did not appear as large as some of the exhibitions held by the American Carnation Society in previous years. Following are the awards:

Vase 100 blooms white—Cottage Gardens Co., Queens, N. Y., first; Patten & Co., Tewksbury, second; Littlefield & Wyman, North Abington, third.

Vase 100 blooms flesh pink—John Barr, Natick, first; Peter Fisher, Ellis, second; with May Day, S. J. Goddard, Framingham, third, with Pink Delight.

Vase 100 blooms light pink—John Barr, first; Joseph Heacock Co., Wyncote, Pa., second; Peter Fisher, third.

Vase 100 blooms dark pink—Cottage Gardens Co., first; Chas. Wobber, Lyubrook, N. Y., second.

Vase 100 blooms, red or scarlet—Patten & Co., first; with Beacon, S. J. Goddard, second; Peter Fisher, third.

Vase 100 blooms, crimson—W. D. Howard, Milford, first; with Harry Penn; Wanka Greenhouses, Barnveld, N. Y., second; James Wheeler, Natick, third.

Vase 100 blooms, yellow or yellow variegated—Patten & Co., first; with Hattie Starret.



Richard Vincent, Jr.  
Vice-President Society of American Florists.



George Asmus.  
President Society of American Florists.



W. F. Kasting.  
Treasurer Society of American Florists.



Robert Craig.  
Member of National Flower Show Committee.



Eugene Dailledouze.  
Judge.



H. B. Dorner.  
Secretary Society of American Florists.



Robt. Cameron.  
Member of Schedule Committee.



F. H. Traendly.  
Member National Flower Show Committee.  
SOME NATIONAL FLOWER SHOW WORKERS



James Wheeler.  
Judge



Vase of 100 blooms, white, variegated—Patten & Co. first, with Mrs. C. W. Barrow; Wanaka Greenhouses, second; John Barr, third.  
Fifty White Perfection—S. J. Goddard, first; Peter Fisher, second.

Fifty White Enchantress—Peter Fisher, first; Pierce Bros., second.

Fifty any other white—Patten & Co., first; William Nicholson, Framingham, second.

Fifty Pink Delight—Patten & Co., first; Peter Fisher, second.

Fifty any other flesh pink—Peter Fisher, first; Charles S. Strout, Biddeford, Me., second.

Fifty Rose Pink Enchantress—Pierce Bros., second.

Fifty Winsor—A. A. Pembroke, Beverly, first; Patten & Co., second.

Fifty Winsor—N. Comley, second.

Fifty Afterglow—William Nicholson, first.

Fifty any other dark pink—S. J. Goddard, first.

Fifty Victory—F. R. Pierson Co., first; C. S. Strout, second.

Fifty Beacon—John Barr, first; S. J. Goddard, second.

Fifty any other scarlet—L. E. Small, first.

Fifty Harry Penn—W. D. Howard, first.

Fifty any other crimson—Littlefield & Wyman, first; Patten & Co., second.

Fifty Mrs. M. A. Patten—William Nicholson, first.

Fifty any yellow variegated—Patten & Co., first; H. Schrade, Saratoga Springs, N. Y., second.

Fifty any white—Patten & Co., first.

Fifty five other—Patten & Co., first; Robert Main, second.

Twenty-five pink—Cottage Gardens, first; Henry Eichholz, Waynesboro, Pa., second; W. D. Howard, third.

Twenty-five red or scarlet—E. G. Hill Co., Richmond, Ind., first; William Kleinbein, Ogontz, Pa., second.

Twenty-five crimson or maroon—Samuel Kinder, Bristol, R. I., first.

Twenty-five any other color—Patten & Co., first.

Sweepstakes prize of above classes—Patten & Co., first and second; E. G. Hill Co., third.

Best 100 blooms, any variety—Patten & Co., first, gold medal; Peter Fisher, second, silver medal; Wanaka Greenhouses, third, bronze medal.

Preliminary certificate awarded William Kleinbein, Ogontz, for Miss Diaple Wilener, scoring 55 points.

Sweepstakes prize for best 100 blooms—Cottage Gardens Co., the Hitchings & Co., cup.

Best 100 Pink Delight—S. J. Goddard, the F. Dörner & Sons Co.'s special prize.

Twelve largest blooms—C. S. Strout, the Kroschell Bros. Co.'s prize.

One hundred blooms, Dorothy Gordon—S. J. Goddard, the Joseph Heacock Co.'s prize.

Fifty blooms, Conquest—N. F. Comley, second, Chicago Carnation Co.'s prize.

Fifty Shasta—Patten & Co., second, the Baur & Smith prize.

Fifty Scarlet Glow—L. E. Small, first, the F. Dörner & Sons Co.'s prize.

Fifty Dorothy Gordon—William Nicholson, first, the Joseph Heacock Co.'s prize.

Fifty Bon Ami—Patten & Co., first, the Geo. E. Buxton prize.

C. H. Potts of Madison, N. J., made an exhibit of plants and flowers of the fine white variety Wodenette.

#### Sweet Peas.

The baskets, dinner table decoration and the bride's bouquets of sweet peas were beautifully arranged and striking examples of the possibilities of this flower when placed in the hands of designers who are able to make the most artistic arrangements.

White, 100 blooms—William Sim, first.

Pink, 100 blooms—William Sim, first; Halifax Gardens Co., Halifax, Mass., second.

Pink and white, 100 blooms—William Sim, first; Halifax Gardens, second.

Light pink or salmon, 100 blooms—William Sim, first; Halifax Gardens, second.

Lavender, 100 blooms—William Sim, first.

Red or crimson, 100 blooms—William Sim, first.

Waved or variegated, 100 blooms—William Sim, first.

Any other color, 100 blooms—William Sim, first.

White, 50 blooms—William Sim, first.

Pink, 50 blooms—William Sim, first.

Pink and white, 50 blooms—William Sim, first.

Light pink or salmon, 50 blooms—William Sim, first; A. Zvolanek, second.

Red or crimson, 50 blooms—William Sim, first.

Yellow or primrose, 50 blooms—William Sim, first.

Blue or purple, 50 blooms—A. Zvolanek, first.

Any other color, 50 blooms—William Sim, first.

#### Retailer's Section.

Table decoration—Penn, the Florist, first; E. McMillen, second.

Basket of sweet peas—S. Hoffman, first; Boston Cut Flower Co., second.

Table Bouquet—Boston Cut Flower Co., first; Penn, second.

#### Special Prizes.

Eight or more varieties, 100 blooms each—W. Sim, first; Halifax Gardens, second; Zvolanek, first.

Ten or more varieties, 25 blooms each—W. Sim, first; Halifax Gardens, second; Zvolanek, first.

Display of not less than ten varieties, 50 blooms each—W. Sim, first; Halifax Gardens, second; A. T. Boddington prize.

Display of not less than 1000 blooms—William Sim, first; Lord & Burnham prize.

#### Visitors.

J. M. Adams, Hartford, Conn.

J. F. Ammann, Edwardsville, Ill.

A. Amby, New Haven, Conn.

F. A. Armstrong, Dalton, Mass.

Geo. Asmus, Chicago.

A. Bacon, Oldtown, Me.

Geo. E. Baldwin, Mamaronock, N. Y.

P. C. Bartels, North Olmstead, O.

Guy Bates, Cleveland, O.

A. Bauer's Deal Beach, N. J.

D. J. Baum, Buffalo, N. Y.

A. F. J. Baur, Indianapolis, Ind.

Chas. Beckman, Elmhurst, N. Y.

J. O. Bennett, Montreal, Que.

Irwin Bertemann, Indianapolis, Ind.

Peter Beuerlein, Elmhurst, N. Y.

O. Boehler, West Hoboken, N. J.

S. G. Bonner, Pittsfield, Mass.

A. C. Brown, Springfield, Ill.

F. M. Brown, Columbus, N. J.

J. J. Brozat, Bloomfield, N. J.

H. B. Buckoff, Hartford, Conn.

Emm. Buettner, Park Ridge, Ill.

Harry A. Buryard, New York.

D. Burgevin, Kingston, N. Y.

G. Burgevin, Kingston, N. Y.

Fred Burk, Gibsonia, Pa.

W. Atlee Burpee, Philadelphia, Pa.

W. Carleton, Fairfield, Mass.

A. B. Cartledge, Philadelphia, Pa.

M. Chamberlain, Groton, Mass.

N. Chapman, New Haven, Conn.

J. Clark, Manchester, Mass.

L. B. Coddington, Murray Hill, N. J.

Thos. Cogger, Rochester, N. Y.

G. W. Cohen, Paterson, N. J.

J. T. Cokely, Scranton, Pa.

E. T. Collins, Toronto, Ont.

W. Craig, North Easton, Mass.

F. C. Conne, Bar Harbor, Me.

J. Connon, Hamilton, Ont.

T. Deebert, South Orange, N. J.

W. Cordes, Newburgh, N. Y.

Lawrence Cotter, Jamestown, N. Y.

J. J. Covey, Berlin, N. Y.

W. A. Coghil, Salem, O.

Robt. Craig, Philadelphia, Pa.

R. H. Craig, Philadelphia, Pa.

L. W. Craig, North Easton, Mass.

W. P. Craig, Philadelphia, Pa.

Geo. Crawshaw, Newburgh, N. Y.

E. Critchell, Cincinnati, O.

E. Dailledouze, Brooklyn, N. Y.

H. Frank Darrow, New York.

J. W. Davis, Davenport, Ia.

W. Davis, Berwick, Pa.

H. S. Dawson, Jamaica Plain, Mass.

W. E. Day, Scranton, N. Y.

Deane, New York.

A. T. De La Mare, New York.

A. Demestre, Brooklyn, N. Y.

C. Demott, Astoria, Ore.

Chas. L. Dole, Lockport, N. Y.

A. H. Donaldson, Elmhurst, N. Y.

F. E. Dörner, Lafayette, Ind.

H. B. Dörner, Urbana, Ill.

Wm. Duckham, Madison, N. J.

C. P. Dudley, Parkersburg, W. Va.

T. F. Eastwood, Auburn, N. Y.

Henry Eichholz, Waynesboro, Pa.

H. D. Eisele, Riverton, N. J.

S. Entrudt, New York.

J. A. Evans, Richmond, Ind.

Adolph Farenwald, Roslyn, Pa.

J. H. Fessler, North Bergen, N. J.

F. A. Fudler, New York.

E. W. Fogar, Newark, N. J.

W. Folsing, Amsterdam, N. Y.

J. Forbes, Stockbridge, Mass.

H. F. Forstner, New York.

John R. Fotheringham, Tarrytown, N. Y.

G. Poulsham, Lenox, Mass.

P. B. Fulmer, Des Moines, Ia.

W. W. Gammage, London, Ont.

W. Geiger, Philadelphia, Pa.

John Gevard, New Britain, Conn.

A. M. Gibbons, Canton, N. Y.

Emil Glauber, Denver, Colo.

Wm. C. Gleeckner, Albany, N. Y.

S. J. Goddard, Framingham, Mass.

F. Goldring, Singersland, N. Y.

D. E. Gorman, Williamsport, Pa.

L. H. Gombel, Montreal, Que.

J. Graf, Queens, N. Y.

Adam Graham, Cleveland, O.

O. Graham, Littleton, N. Y.

D. G. Grillbortz, Alexandria, N. Y.

O. Gritzwacke, New Britain, Conn.

J. W. Gregg, Sugar College, Pa.

S. G. Greene, Philadelphia, Pa.

A. A. Gude, Washington, D. C.

W. F. Gude, Washington, D. C.

C. F. Guenther, Hamburg, N. Y.

A. Haas, College Point, N. Y.

Philip Haas, College Point, N. Y.

W. A. Hagenburg, New Mentor, O.

Carl Hagenburg, Cleveland, O.

R. E. Hall, New York.

Benj. Hammond, Fishkill, N. Y.

A. Hans, Wolmar, Mass.

A. C. Hart, Murray Hill, N. Y.

Wm. Hartshorn, Joliet, Ill.

E. A. Harvey, Brandywine Summit, Pa.

John A. Hatcher, Amsterdam, N. Y.

Chas. W. Heath, Bar Harbor, Me.

H. Heeremus, New York.

Fred Heffner, Hoboken, N. J.

J. R. Hellenbath, Columbus, O.

I. S. Hendrickson, Floral Park, N. Y.

M. Henshaw, New York.

F. Henkes, Watervliet, N. Y.

H. Hentz, Jr., Madison, N. J.

M. Herr, Littleton, N. Y.

A. Herrington, Madison, N. J.

Chas. Hewson, Buffalo, N. Y.

B. L. Higgins, Bar Harbor, Me.

H. Hoffman, Elmira, N. Y.

E. H. Hood, Ateo, N. Y.

K. H. Howard, Chicago.

C. Hume, Kingston, N. Y.

W. Hummel, South Orange, N. J.

R. J. Irwin, Philadelphia, Pa.

W. O. John, Red Bankwater, Mass.

G. W. Jameson, Lexington, Mass.

E. A. Jenkins, Lenox, Mass.

C. W. Johnson, Morgan Park, Ill.

J. E. Jones, Richmond, Ind.

Aug. Jurgens, Chicago.

Carl Jurgens, Newport, R. I.

A. Kakuha, New York.

J. J. Karins, Philadelphia, Pa.

R. Karlstrom, South Orange, N. J.

W. F. Kasings, Buffalo, N. Y.

W. L. Keller, Rochester, N. Y.

J. M. Keller, Rochester, N. Y.

I. O. Kemble, Marshalltown, Ia.

W. E. Kinkle, Okaloosa, Ia.

W. Kessler, New York.

Robert Kift, Philadelphia, Pa.

T. Killen, St. Louis, Mo.

C. F. King, Eden, Me.

W. A. Kinn, New Britain, Conn.

F. Kirschner, Cleveland, O.

E. Kirt, Bar Harbor, Me.

Wm. Kleinbein, Ogontz, Pa.

C. B. Knechtman, New York.

Thos. Knight, New York.

N. B. Knoble, Cleveland, O.

Fred Koehler, Gibsonia, Pa.

R. G. Koenig, Elmira, N. Y.

Otto G. Koenig, St. Louis, Mo.

Chas. F. Kruetzer, Philadelphia, Pa.

L. L. Lamborn, Alliance, O.

H. Langer, Philadelphia, Pa.

C. E. Larzer, Philadelphia, Pa.

Fred Lautenschlager, Chicago.

E. R. Leysard, New York.

R. Livingston, Columbus, O.

R. E. Loebner, Gloucestershire, N. Y.

P. R. Long, Bar Harbor, Me.

S. R. Lundy, San Francisco, Calif.

A. MacConnachie, Lenox, Mass.

J. A. Maude, New York.

Manfield Milton, Youngstown, O.

E. A. Marxsen, New York.

H. O. May, Summit, N. J.

C. H. Maynard, Detroit, Mich.

S. W. McClements, Pittsburgh, Pa.

F. McEwen, Newburgh, N. Y.

David McFarland, White Plains, N. Y.

T. McFuch, Montreal, Que.

J. McKenna, Montreal, Que.

N. McNair, Newburgh, N. Y.

McWhitt, Toledo, Ont.

Chas. E. Mehan, Philadelphia, Pa.

F. A. Meinhardt, St. Louis, Mo.



TENDER RHODODENDRONS UNDER TENT AT THE HUNNEWELL ESTATE, WELLESLEY, MASS.

P. L. Moore, Chatham, N. J.  
Victor Morgan, New York.  
Frank Mounsey, South Orange, N. J.  
Samuel Murray, Kansas City, Mo.  
P. H. Myers, Philadelphia, Pa.  
J. S. Myers, Philadelphia, Pa.  
L. H. Neubeck, Buffalo, N. Y.  
Chas. Newrock, New York.  
J. A. Newsham, New Orleans, La.  
Wm. Nielson, Framingham, Mass.  
A. A. Niessen, Philadelphia, Pa.  
D. Nolan, Springfield, Ill.  
E. J. Norman, Lenox, Mass.  
F. E. Palmer, Brookline, Mass.  
W. J. Palmer, Buffalo, N. Y.  
S. C. Parrell, Floral Park, N. Y.  
L. E. Partridge, Chicago.  
F. H. Patten, Toledo, O.  
M. A. Patten, Tewksbury, Mass.  
E. Allan Peirce, Waltham, Mass.  
H. A. Pepper, Providence, R. I.  
E. Persson, Irvington, N. J.  
J. A. Peterson, Cincinnati, O.  
O. A. Peterson, Washington, D. C.  
H. E. Philpott, Winnipeg, Man.  
J. V. Phillips, Brooklyn, N. Y.  
F. R. Pierson, Tarrytown, N. Y.  
W. R. Pierson, Cromwell, Conn.  
A. Pochelon, Detroit, Mich.  
Adolph Poehlmann, Chicago.  
August Poehlmann, Chicago.  
C. C. Pollworth, Milwaukee, Wis.  
M. P. Pomer, Tewksbury, Mass.  
A. T. Pryer, Tolst, Ill.  
Robt. Pyle, West Grove, Pa.  
R. M. Rahaley, Detroit, Mich.  
S. Randolph, Pittsburg, Pa.  
P. S. Randolph, Jr., Pittsburg, Pa.  
S. N. Randolph, Pittsburg, Pa.  
C. S. Reck, Bridgeport, Conn.  
John Reimale, Woodhaven, N. Y.  
E. C. Reimann, Pittsburg, Pa.  
Martin Reukauf, Philadelphia, Pa.  
S. J. Reuter, Westerly, R. I.  
J. Reynolds, Lenox, Mass.  
M. T. Reynolds, Lenox, Mass.  
H. F. Rieman, Indianapolis, Ind.  
H. W. Rieman, Indianapolis, Ind.  
E. L. Riley, Trenton, N. J.  
G. Robinson, Montreal, Que.  
W. L. Rock, Kansas City, Mo.  
W. Rolker, New York.  
I. Rosnosky, Philadelphia, Pa.  
P. H. Rossiter, Guilford, Conn.

Richard Rothe, Northeast Harbor, Me.  
W. G. Saltford, Poughkeepsie, N. Y.  
M. Samtman, Philadelphia, Pa.  
Ernest Saunders, Lewiston, Me.  
J. Schalorska, South Orange, N. J.  
Emil Schloss, New York.  
Geo. Schulz, Louisville, Ky.  
Jacob Schulz, Louisville, Ky.  
M. Schwake, New York.  
J. Y. Scott, Elmsford, N. Y.  
Chas. Shand, Bar Harbor, Me.  
Walter F. Sheridan, New York.  
E. A. Shouts, Philadelphia, Pa.  
W. H. Shumway, Berlin, Conn.  
W. J. Sibley, Port Chester, N. Y.  
Wm. Sim, Cliffondale, Mass.  
S. S. Skidelsky, Philadelphia, Pa.  
W. R. Smith, Washington, D. C.  
W. J. Smythe, Chicago.  
J. H. Snyder, Rhinebeck, N. Y.  
W. O. Sarder, Philadelphia, Pa.  
A. W. Spaulding, New York.  
G. A. Strohnlein, Philadelphia, Pa.  
C. F. Struck, New York.  
F. A. Stuppy, St. Joseph, Mo.  
Wm. Swayne, Kennett Square, Pa.  
J. E. Tansy, Tuxedo Park, N. Y.  
J. T. Temple, Davenport, Ia.  
E. Towill, Roslyn, Pa.  
F. Towill, Roslyn, Pa.  
F. H. Treandly, New York.  
B. Hammond Tracey, Wenham, Mass.  
Edw. Tracy, Albany, N. Y.  
J. Trauttt, Canaboharie, N. Y.  
Harry Turner, Fort Washington, N. Y.  
R. S. Ungers, Lancaster, Pa.  
W. L. Upton, Philadelphia, Pa.  
J. A. Valentine, Denver, Colo.  
A. Van den Berg, South Orange, N. J.  
J. C. Vaughan, Chicago.  
W. J. Vesey, Fort Wayne, Ind.  
R. Vincent, Jr., White Marsh, Md.  
C. M. Wagner, Cleveland, O.  
Wesley Walt, Newburgh, N. Y.  
John Walker, Youngstown, O.  
Wm. Walker and son, Louisville, Ky.  
Ralph M. Ward, New York.  
C. L. Washburn, Chicago.  
C. B. Weathered, New York.  
J. Weber, St. Louis, Mo.  
J. A. Weber, Hartford, Conn.  
Chas. Weber, Lynbrook, N. Y.  
S. B. Wetheimer, New York.  
J. Westcott, Philadelphia, Pa.

C. W. White, Gasport, N. Y.  
Ernst Wienhoeber, Chicago.  
Blaine Wilcox, Council Bluffs, Ia.  
Glen Wilcox, Council Bluffs, Ia.  
J. F. Wilcox, Council Bluffs, Ia.  
J. J. Williams, Utica, N. Y.  
Andrew Wilson, New York.  
A. H. Wingate, Lenox, Mass.  
R. Witterstaetter, Cincinnati, O.  
F. C. Withuhn, Cleveland, O.  
Geo. Wittlinger, Ossining, N. Y.  
R. H. Wright, Aylmer, Que.  
H. Yonell, Syracuse, N. Y.  
John Young, New York.  
O. V. Zangen, Hoboken, N. J.  
Nic Zweifel, Milwaukee, Wis.

## Ladies.

Miss H. M. Bouvier, Toronto, Ont.  
Mrs. Emil Buetner, Park Ridge, Ill.  
Mrs. W. Carleton, Fairfield, Mass.  
Mrs. W. A. Cogill, Salem, O.  
Mrs. C. E. Critchell, Cincinnati, O.  
Mrs. B. Daillouze, Brooklyn, N. Y.  
Mrs. D. W. Davis, Berwick, Pa.  
Mrs. A. Deaneys, Brooklyn, N. Y.  
Miss C. B. Flick, Fort Wayne, Ind.  
Miss Ruth R. Flick, Fort Wayne, Ind.  
Mrs. C. E. Gove, Burlington, Vt.  
Mrs. Adam Graham, Cleveland, O.  
Mrs. P. Heermans, Lenox, Mass.  
Mrs. A. M. Henshaw, New York.  
Mrs. A. M. Herr, Lancaster, Pa.  
Miss Louise Hull, Lee, Mass.  
Mrs. I. O. Kemble, Marshalltown, Ia.  
Mrs. W. E. Kemble, Oskaloosa, Ia.  
Mrs. Mansfield Milton, Youngstown, O.  
Mrs. C. H. Maynard, Detroit, Mich.  
Miss Moore, Chatham, N. J.  
Mrs. Robt. Pele, West Grove, Pa.  
Mrs. John Reimale, Woodhaven, N. Y.  
Mrs. F. H. Rossiter, Guilford, Conn.  
Mrs. Ernest Saunders, Lewiston, Me.  
Mrs. F. Scrimm, Ottawa, Ont.  
Mrs. Walter F. Sheridan, New York.  
Mrs. F. H. Treandly, New York.  
Miss L. Tonner, Chicago.  
Mrs. B. S. Ungers, Lancaster, Pa.  
Mrs. J. C. Vaughan, Chicago.  
Mrs. R. Vincent, Jr., White Marsh, Md.  
Mrs. J. F. Wilcox, Council Bluffs, Ia.  
Mrs. E. A. Wood, Chicago.



## American Rose Society

The Twelfth Annual Convention,  
Boston, Mass., March 27.

### The Opening Session.

The annual meeting of the American Rose Society convened at 2:30 P. M. March 27. President W. H. Elliott in the chair and with a good attendance of members.

President Elliott read his address, which was upon motion accepted and the recommendations therein adopted. Secretary Benjamin Hammond followed with his annual report, after which Treasurer H. O. May read his annual statement, which showed the finances of the society to be in good condition.

Upon President Elliott's recommendation to have a committee appointed to take up the question of tariff on glass, owing to the fact that prices fluctuate so much, a lengthy discussion ensued, participated in by A. Farenwald, August Poehlmann, Robert Simpson, Philip Breitmeyer, F. Burki, W. R. Pierson, C. Meehan and Irwin Bertermann. Finally the following committee was appointed: R. Simpson, F. Burki and B. Hammond.

The adoption of a universal naming of the grades of cut roses was taken up and discussed at length and on a motion by W. R. Pierson a committee was appointed to bring in recommendations for a standard of grades, the committee appointed being C. Meehan, H. O. May, Eber Holmes, F. Burki, Philip Breitmeyer, Otto G. Koenig, August Poehlmann, W. F. Kasting, W. F. Gude.

Secretary Hammond's suggestion about getting amateurs interested brought out a lengthy discussion, and upon motion a committee of three was appointed to bring in suggestions as to what is the best way to interest the amateurs so that they will become members of the society. The president appointed on such a committee, S. S. Butterfield, R. Simpson and B. Hammond. Adjournment then was made until 8 P. M.

### EVENING SESSION.

Monday evening the society again convened, President W. H. Elliott in the chair. On motion it was decided that this meeting should also take in the one proposed to be held on Tuesday morning, concluding the two meetings as scheduled in one.

The election of officers was then proceeded with and resulted as follows:

- A. Farenwald, president.
- P. Breitmeyer, vice-president.
- H. O. May, treasurer.
- B. Hammond, secretary.

The secretary and treasurer being re-elected. E. Holmes and W. R. Pierson were elected to the executive board, the latter to succeed himself.

Detroit was selected as the next meeting place in 1912.

F. R. Pierson gave notice that after the proper time had elapsed necessary for such a motion, he would move that members of the executive board who failed to be present at three consecutive meetings may be replaced by the president, that is, some other member of the society may be appointed to their place on the board.

August Poehlmann then read his paper and an interesting discussion on

transportation, soil, help problems, etc., took place, participated in by A. Farenwald, P. Breitmeyer and others.

Answering questions, Mr. Poehlmann said his firm used the express company for transportation, they employed 265 men, and had little difficulty with the help problem, while for soil, they bought farms whenever available, and thus secured new soil.

W. R. Pierson then read his paper, following which many questions were fired at him. A rising vote of thanks was tendered the two essayists.

Chas. Meehan, for the committee on adopting a name method for roses that would be universally understood, presented the method of naming the lengths of stem by inches as 6-inch, 9-inch, 12-inch, 15-inch, 18-inch, 24-inch, etc., in lieu of the present diverse names such as ones, twos, extras, specials, etc. After some discussion the method presented by the committee was adopted as the standard one by this society. The meeting then adjourned.

### CLOSING SESSION

Upon reconvening with President Elliott in the chair the attendance was large, and the president announced that the meeting had been planned with the express purpose of making it interesting to the amateurs and then introduced Richard Vincent Jr., who read a paper upon his trip to the Brussels exhibition. The secretary then announced that he had received word from the Rev. S. S. Sulliger that he would be unable to be present, but had forwarded his paper, which was read by Secretary Hammond. G. W. McKendrick was also unable to attend and his paper was read by President Elliott.

### President Elliott's Address.

The floral queen has called her subjects to convene in Boston once more. This is our twelfth annual convention and the third that has been held in this city. I am glad to welcome the American Rose Society, and all lovers of the rose, to Boston at this time. This meeting is under different conditions to what we have ever met before. We hope this will prove satisfactory to all who are attending the joining in with the great work that we are here carrying on. It is a great thing to get together in this way and show the people what floriculture really means at the present time. This is certainly a great exhibition. We have admired its beauties and the enterprise of the producers of the various lines exhibited here. The carnation, the orchid and the violet are contending for an advanced position, but no matter how strenuously the devotees of these various flowers may push forward their carnation, orchid or Dutch bulbs we can feel assured that the rose will always lead, as it has from the first, and Boston can feel proud when she remembers that forty years ago the commercial flower business was here born. The mother of that business was the old Bon Silene, which stands proudly in our exhibition today and can feel proud, not only of her history, but of the fact that she pays just as well today as any of the newer and larger varieties. We are proud of our city; not because the commercial floriculture was born here, but for what we have done in all lines of horticulture and I think we can safely say

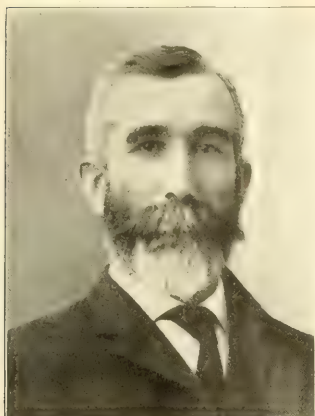
that Boston still leads in the line of ornamental horticulture.

The progress of our society has not always been satisfactory in regard to membership and finance. Our membership seems very small when we read of the great Amateur Rose Society of England. We will hear an account of the great work it is doing from our members, who are to address us at our amateur rose meeting on Tuesday afternoon. It is a question as to how any society which is partly amateur and partly commercial can succeed along both lines. As far as I know those societies making the great success across the water are purely amateur. We have always endeavored to develop the amateur side of our society, as well as the commercial. I hope that our amateur rose meeting here may be the beginning of an advancement of that branch of our society. I have found that the commercial rose grower always takes more interest in the amateur side of our society as he becomes more familiar with its general work and the aim and object of our society.

From a commercial standpoint our exhibitions in the past have been very successful. The attendance and the general financial results have not always been so satisfactory. Our present exhibition is the first that we have ever had under these conditions in connection with the other societies. In the future I should recommend that exhibitions be held under the guarantee plan, as is being done with this show. There are enough rose growers to put up a guarantee fund to finance the exhibition in some leading city where admission could be charged to the public and the society be in a position to pay its way. With the success of our national exhibitions a guarantee fund could be produced without any trouble. I believe exhibitions that would interest the amateur and the commercial rose grower could be made to pay.

Never before has there been such a large number of new varieties of roses offered for our trial. All these varieties should be tried out thoroughly, but one grower cannot undertake to try out the whole number. He will select what looks best to him, labor with those with the usual uncertain success. Let us hope, however, that these wonders of beauty and productivity will largely increase the profits to all experimenters. The careful, arduous work that hybridizers have done for us certainly deserves our support.

Greenhouse building has gone ahead at the usual rate. Some new places of great promise have been added to our list and many additions made to the old. There seems to be no lack of enterprise among the growers in this line of work. What is going to be the effect and what will be the outcome of this low price of glass? It looks as if there would be as much greenhouse building done in the next year as has been done in the past five years. With this increase of glass it will bring a very large immediate increase of stock. What the effect of this production on the prices will be we do not know, but there seems to be some danger that the low price of glass may do us more harm than good. Is our supply really nearing our demand? Can we go ahead with safety



W. H. Elliott.  
President American Rose Society.



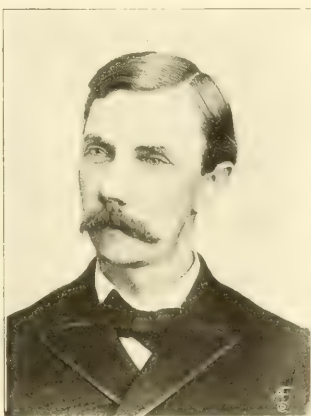
A. Farenwald.  
Vice-President of the American Rose Society.



Harry O. May.  
Treasurer American Rose Society.



Wallace R. Pierson.  
Essayist.



Benjamin Hammond.  
Secretary American Rose Society.



Philip Breitmeyer.  
Vice-President-Elect American Rose Society.



W. A. Manda.  
Member Schedule Committee.



Emil Buettner.  
Judge.



Otto G. Koenig.  
Judge.

SOME NATIONAL FLOWER SHOW WORKERS.



with such tremendous amounts of building? It seems a question that should be considered at the present time.

Now is the time for our society, and kindred societies, to use their influence in regard to tariff rates. The tariff on glass has always been an unreasonable burden on the greenhouse men. The great variations on the price during the past year has been such that upsets the glass business and the greenhouse business as well. Before our convention closes I would like to see a committee appointed to take up the matter of influencing congress on this matter. Do not think that because the price of glass is low at the present time that it is going to remain so.

A good many years ago, soon after the Society of American Florists was started, they took up the matter of standard pots and they settled it in such a satisfactory manner that no trouble has developed on that score since. A standard length or grade of cut flowers, with names that would have some definite meaning that could be understood by all, would be of great deal more benefit to the trade than standard measurement of pots has ever been. It seems strange, when the matter would be so simple, that no standard of grading or naming of the different grades of roses has ever been adopted. When one goes to New York they inquire what number ones sell for in Boston and what we get for fancies. It is just as clear as mud to the Boston grower. Why should roses be called firsts, seconds and thirds, A, B, C, fancies or extras, when it is just as easy to call them by their right names, so that everybody would understand. We have a nomenclature committee on roses and that sort of thing, yet we have no system of naming the different grades of roses under which any florist can send to another city and have any definite idea what he will receive. The names of these different grades refer only to the length of stem, no two cities using the same names for the different grades, and in the same cities hardly any two grading the same way. One florist's number twos may be longer than the other florist's number ones. It certainly is no more trouble, in ordering roses to mention 15 inch Killarney than it is to say "special Killarney," and it would be much more simple and systematic to write such orders. Why could we not call these roses by the length of stem, 9-inch, 12-inch, 15-inch, 18-inch, 21-inch and 24-inch and so on, that anyone can understand and that anyone may use and can also tell if he receives what he has ordered. I have used this kind of a system for the past two years and it has proved very satisfactory. I would like to have a committee appointed to take up this matter and report at our Tuesday morning meeting, under miscellaneous business.

#### Secretary Hammond's Report.

This exhibition makes the twelfth annual rose show held by the American Rose Society, and when a society has lived and prospered for twelve years there must certainly be elements of interest in its make-up of general service, or it would not have thrived. The society has gradually accumulated an invested fund of over \$3,000, it owes no man anything which it cannot pay.

It's annual report is looked for and sought far and wide. It's representatives, accredited to the general horticultural or floral assemblies of other nations are received with favor. It counts among its members men with national reputations, as growers of the finest and most cherished of the flower kingdom, the rose, the flower which has the highest place in poetry and sentiment among all the blossoms of the earth. This is no mean force, this appreciation by all civilized mankind of this flower, second to none. The rose, in variety is innumerable, yet always known as the one great flower universally admired, and this society aims to increase its popularity.

The medals of the society are comparatively inexpensive, but sought and highly prized. The secretary would like to make a suggestion or two, one of which is, that hereafter, our medals be provided with a suitable case. This has not been previously done. Another matter is this, the increasing need of some way to get into touch with an amateur membership. Here we are lacking. The subject has been touched upon, and its importance recognized, that is a quarterly issue of a journal to go into the hands especially of amateurs or home gardeners, something that is exclusively devoted to the society and its membership. Until this is done, one aim of the society, I fear, will not be reached. We ought to count our membership by thousands, but we do not.

The past year, we have not had as many meetings as usual in committee or otherwise. It seems to me as though the Rose Society should be more in evidence than we are. The trade papers certainly do everything they can to boom the society, but somehow our membership does not enlarge as it should. Our annual meetings, hitherto, have been held in choice places—Boston the center of culture always gives us a fine welcome, and the show, which is here today is one that all the people may enjoy. But, for one, I would like to see the American Rose Society extend its popularity, so that it may become a living reality. "A rose for every home, and a bush for every garden." This spring meeting is a combination effort which it will remain to be seen whether it be not better to hold, and to have a combination exhibition rather than one solely of a class. We want to have all the support possible as an organization. Our program, which you all have, makes plain the scope of our work. The Rev. Dr. S. S. Sulliger, of Vancouver, Washington, who presents in a paper of much interest, his account of a visit to the National Rose Society of England, is not able to be present, owing to family affliction. We ask a large general attendance to all our meetings.

#### Treasurer May's Report.

The following is a brief of Treasurer May's report:

|               |            |
|---------------|------------|
| Receipts      | \$7,785.00 |
| Disbursements | 7,277.01   |
| Balance       | \$ 487.99  |

There are 61 life memberships.

HOLLAND, MICH. — The Berrydale Experiment Gardens are having a heavy run on their new Himalaya Berry plants. Contracts have been made for all their Gladiolus America for both fall and spring 1912 delivery. They report there is room for other growers to produce more of America.

#### Developing a Modern Rose Establishment.

Paper read before the American Rose Society by August Pochmann of Chicago at Boston, Mass., March 27, 1911.

In compliance with a wish expressed by our worthy president, W. H. Elliott, and vice-president, A. Fahrenwald, I have prepared a paper on the "Development of an Up-to-Date Rose Growing Establishment," which, I believe, will also apply to other interests. I can't quite understand why I was selected, but I have an idea the gentlemen referred to, know its one of my short suits. In deference therefore, to those present, I will confine myself to a few brief remarks, touching the subject in a general way. The development of any business depends not only on one or two things, but upon a happy combination of conditions properly applied. Classified, I would say, under the following factors: ability, integrity, demand and locality and environments.

Classed separately I would say, ability means able to accomplish, to build, to grow good stock, to manage well, to anticipate and have power to do. As a rule most large up-to-date rose growing establishments of the present day began business in a very small way. Spurred on by initial success, the earnings were reinvested from time to time to provide for the increasing demand of its product. It becomes second nature then to plan extensions and improvements, which in regular course create new heads. Responsibility is shifted. The work becomes more specific, each head a specialist. This system is general throughout, therefore, on ability to do, depends much the ability to supply demand. Ability to discern the value of new varieties by previous knowledge of parents or otherwise and anticipate demand for same can properly be included under this head. Good stock creates demand, necessitating increase in output, demanding more labor, skilled and unskilled, labor saving machinery, new materials, etc. Thus one may say that the development depends principally upon the demand, which in turn is fostered by necessity. The demands of a growing or rapidly developing business can only be temporarily satisfied. Likewise, so do the personal demands increase.

Under integrity would come, maintained credit, good will, honest administration, efficient labor, confidence, and credit of customers, integrity of purpose.

Locality and environment cover transportation facilities, nearness of markets for certain commodities used extensively, prompt and efficient service to customers, labor requirements, homes, water, soil, manure, and coal supplies.

Natural advantages must be taken into serious account when building is contemplated. An unfailing water supply is absolutely necessary, suitable soil, plenty of it for years to come, must be provided for. Coal must be easy to obtain at fair prices. The markets for the sale of goods close at hand, rapid transportation is desirable at all times, not only for the distributing of stock and to facilitate purchasing, but it is a material aid in providing necessary help. All these various matters require careful working out, and each is an essential cog in the wheel which make for the successful development of the business.



J. A. Valentine.  
President Florists' Retail Delivery.



W. L. Rock.  
Treasurer Florists' Retail Delivery.



August Poehlmann.  
Essayist.



Richard Witterstaetter.  
Judge.



Peter M. Miller.  
President Gardeners' and Florists' Club of Boston.



W. J. Palmer.  
Vice President Florists' Retail Delivery.



Wm. Kleinheinz.  
President National Association of Gardeners.



William Nicholson.  
Judge.



W. J. Stewart.  
Member National Flower Show Committee.

SOME NATIONAL FLOWER SHOW WORKERS.



An up-to-date rose growing establishment includes in its make up, rose growers, steam fitters, painters, teamsters, blacksmiths, firemen, book-keepers, stenographers, temperance men, engineers, carpenters, glaziers, packers, salesmen, laborers, and what not,—and the money to pay for their combined efforts must come from the product.

### The Science of Growing Roses.

Paper read by Wallace R. Pierson of Cromwell, Conn., before the American Rose Society at Boston, Mass., March 27, 1913.

Upon receipt of the invitation from your society to speak upon this subject I had an interview with Webster's Dictionary to find out just exactly what science means, and upon learning that science, as applied to the subject at hand, means the assemblage of the general principles of rose growing, I accepted the invitation, for the word had lost much of its dread, and I felt much as the Yale student did, according to the story so often told. This student was to take an examination in Bible history, and he came to the conclusion that he ought to learn the names of the kings of Israel, and thus be prepared for the coming examination. Imagine his surprise when he was asked to criticize the acts of Moses. After thinking the matter over he wrote as follows, and his answer was enough to pass him in his examination: "Far be it for one as humble as I to criticize the acts of a great man like Moses, but if you want to know the names of the kings of Israel, here they are." And he wrote out the list he had so carefully learned. So I am availing myself of the chance to present to you a collection of the general principles of rose growing, and trust that in doing so I may carry out the instructions of our president who has asked me to bring before you certain subjects which are in dispute, and to give my opinion regarding these points in the hopes that an interesting and profitable discussion may arise therefrom.

The method of growing roses to-day is built upon the knowledge that has been gained in the past by experience, and many times the lessons have been costly, but it is by mistakes that we learn, and by observing the self-evident disclosures that nature makes we can profit. In considering first the question of soil I want to quote to you a little of what is now ancient history; information that has been handed down to me, because these points were observed before my day as a rose grower. About 25 years ago we were using almost entirely soil from uplands that had a clay body, but contained some lighter elements. This, composted with manure, was our rose soil. One year part of the place was planted with soil taken from the lowlands, where at times there was standing water. This lowland soil produced better roses than we were getting from the same varieties, under the same treatment, when the upland soil was used. The variation was so marked, and so strikingly in favor of this lowland soil, that we believe it is far better suited to roses than the upland soil. It is true that our wild native roses exist on uplands, but the rank, strong-growing wild roses are always to be found in swamps or in low, marshy land. These same lowlands, through the wash from the surface of the soil in years past have accumulated a richness and character

that is not found in soil at higher levels.

At about the same time we were trying to combat club root, which is caused by eel worm, and the noticeable fact that the eel worm did not exist in soil that at some time in the year was under water, had much to do with our selection of lowland soil for roses. The eel worm had also another influence which has been far reaching in its effect, and brings up the proposition of young stock, which is one of the most serious importance. At this time we were growing La France, and running short of enough to fill a house of own root plants of the variety, enough imported grafted plants were purchased to fill the house. The eel worm attacked part of the own root plants, but the grafted plants were not affected at all, although the own root plants adjoining them were affected. The best and strongest growth we have ever been able to get, and the greatest producing plants, were the grafted plants in that house of La France. The lesson was plain. We grafted our Bride and Bridesmaid, and since then we have been grafting roses. Own root plants are grown only occasionally as a check on the grafted, and in every case the grafted have given us increased production with a corresponding increase in revenue. In some cases two full crops have been cut from grafted plants before those on their own roots have attained sufficient size to throw a crop of salable flowers. There are, however, a few exceptions, and the noticeable exceptions are Perle, Sunrise and American Beauty. And speaking of grafted plants, there are several points worthy of mention before we pass over the subject. The old method of gauging the value of a plant by the size of the pot which contains the roots has little worth, and deservedly, for the reason that a well-nourished and properly grown plant in a 24-inch pot can be the equal, or the superior, of a plant poorly nourished that has been forced into a 3-inch pot before the shift is necessary, and this same rule applies to plants on their own roots. Make your plants strong and sturdy, with plenty of root action, and do not shift too soon. Get the size and growth in the small pots, and if you are shipping plants, save the buyer from paying express charges on surplus soil.

Be sure of your union of scion and stock, and with the increase in the planting of varieties having hybrid blood in them, with a tendency to sluggishness in midwinter, a safe way to get good unions is to graft when the sap flows freely. Graft such varieties as My Maryland and Prince de Bulgarie early in the season, or wait until later in the year, when with the warm weather and more sun the sap begins to flow normally. Keep above the wood with black thorns, for that wood seldom has the right amount of sap, and seldom makes a good union. If the above named varieties were grafted when the wood was right there would be less heard about this type of rose doing better on their own roots than they do as grafted plants. A plant that is properly grafted, and with a perfect union, will live just as long and do more business than an own root plant, and the fact that those who are the best growers in this country are grafting roses because it pays them is

a proof of the assertion I make, and I am willing to allow the own root advocates all the bottom breaks they can get from their own root plants, but I have yet to see as many bottom breaks per plant in an own root house as we had last year in a carried over house of grafted Killarneys.

Leaving then the discussion of plants, let us return to the soil, and the preparation of a house for planting. We try to lay composts in the winter for many reasons, one of which is the ground is frozen, and we can get our soil out from the lowlands better on frozen ground, the soil having been plowed into ridges in the fall, and another reason is that in the winter we can secure cow manure to compost with the soil, and can at that time lay our compost within easy reach of the houses that are to need it later. As soon as the frost is out, we cut this soil over, mixing the manure with it, which hastens the decomposition of the vegetable matter in the turf, and when ready to fill the houses we use a two-horse cutaway harrow to pulverize the soil, at this time adding bone meal, or rather a bone tankage, in the proportion of a pound of bone meal to each cubic foot of soil, or as near that as we can. I am aware of the fact that many do not use bone, and had our results been confined to an experience with one certain grade of bone, we should not be using bone, as this bone I would state was 30 per cent phosphoric acid according to analysis, with no nitrogen. This phosphoric acid was not available, and the results were no better than had so much lime been added to the soil. In time perhaps, such a bone might have returned interest on the money, but it seemed to prove the old farmer's statement that the man who can afford to use bone should do so, as he is preparing the land for his grandchildren. However, a bone tankage with available phosphoric acid, and some nitrogen, will show results, and mulching young stock in small pots will soon prove this if my assertion is doubted. And I might add that part of our success in producing large, strong plants from 24-inch pots has been due to mulching each individual plant with a mixture of soil and bone. One thing to be sure of in planting is that the union is covered, and often this is a problem when shallow rose benches are used, but to insure bottom canes, and to protect the plant from breakage, the union must be covered, and for that reason we graft our stocks as close to the pot as possible. Given then a good plant, well established and growing, and a compost of lowland soil with one-third cow manure that has been pulverized, and after adding bone tankage in the proportion of one pound to the cubic foot, we have two of the essentials that are necessary to good rose growing.

I wish now to take up the consideration of solid beds and benches as a very important essential in rose growing, and you will note that I am leaving the consideration of the house entirely out of it, for good roses can be grown in any house that has sun and air, although for economy in handling the large houses are to be preferred. There are two methods of preparing a house, one is to build wooden or cement benches, and the other to construct solid beds, and the purpose for which these are to be used at other times, for



LAURELS ON THE HUNNEWELL ESTATE, WELLESLEY MASS.

if they are not to be used all of the year for growing roses for cut flowers has much to do with coming to a decision as to which to put in. Wooden benches we believe to be absolutely essential for young plants in small pots. The root action is better, and the convenience of handling is a desirable qualification, but for the commercial production of cut roses a solid bed is, in my opinion, to be preferred, and we are using it almost exclusively. Our method of constructing a solid bed may be of interest to some. Our sub-soil is a clay, and impervious to water to any extent, and thus devoid of drainage. We make the sides of our beds of cypress plank or of cement, and these sides are 14 inches high above the level of the ground. We cut into the clay sub-soil, leaving the bottom V-shaped, and in this trench lay a 2 or 2½-inch common land tile, according to the length of the bed, with a sod over each union. These tiles drain to cross tiles, which are the outlets. We then fill the bed with coarse gravel to within eight inches of the top of the boards or cement. They are then ready for our soil, which is prepared as I have described. We use six inches of soil, and the two inches left between the top of the plank and the soil will allow for watering and mulching the beds from time to time. Good drainage is assured, and good drainage means air in the soil, for air is essential to root formation.

Given, then, a good plant, well established and growing, and a solid bed

such as I have described there are two methods in use to build up a plant before beginning to cut. One of these is to pinch all the new canes soft, and the other method is to allow these canes to mature and then to cut back to a good length when the bud shows color. Of the two methods the latter seems more satisfactory, as a plant is built lower, and the breaks will come stronger. The question of how many cutting leads a plant should carry is important. Too much wood, and too many shoots, often means small flowers, and the number of leads can be controlled by taking out the weaker, leaving six or seven to each plant. This does not mean six or seven bottom canes, but that number of growths which will produce flowers, and seven flowers per plant per crop is enough to insure a paying proposition, and a good quality of bloom.

Having covered the subject up to the mature plant in the bench, or bed, the next feature to consider is cropping or continuous cutting. Two ways are open, and there is a question as to which is to be preferred. By cutting back or pinching soft a bench of plants can be brought into crop as a whole, or by pinching one shoot per week on each plant so far as is practicable, the crop can be made continuous. For a holiday it is sometimes preferable to crop a section, or a bench, but for steady trade the continuous crop seems to be preferred. The plant never gets the severe check that cutting off an entire crop will give it, and the returns

may be ahead at the end of the season. In this case the treatment will be different, and the extremes of watering will need to be avoided.

Watering is also one of the essentials, and the use of water, or the failure to use it, has changed the output of many sections of rose houses. The rule is water sparingly when wholly off crop, and water at least three times per week, and when the plants are coming into crop always water thoroughly, but remember that if a bench is cropped, when you cut from the top the root action suffers correspondingly, and with less foliage less water should be given. Air is essential to root formation. Did you ever notice that the largest root a plant has is the one that comes out of the hole in the pot? And that the largest roots are nearest the edge? Air with sufficient moisture seems to be the reason for this. Thus, by withholding water when plants are off crop the new roots get a chance, and the new crop comes strong and heavy, and when it does come, feed it, and above all things water it. Liquid manure with some muriate of potash and nitrate of soda will help, but care in using these is essential because they are dangerous things in the hands of incompetent help.

For roses that are to be left in year after year there is nothing better than the solid bed and a thorough drying out in the summer before cutting back, and the question of how much to cut back a plant is important. Cut no more than is absolutely necessary if



your plant has not been thoroughly rested. Never dry a plant so the wood will shrivel, and do not try to lift plants to replant from solid beds unless they have been thoroughly dried out. As a rule roses lift better for replanting from benches than they do from solid beds, as in solid beds the roots are deeper. The question of removing the soil from the top of a bed after drying it out is one that is of interest, and I firmly believe that taking off soil, except that which has been washed to the center of the bed and is loose, is unnecessary work and labor wasted.

To be a successful rose grower is not all there is to being a successful florist, for there is the business side to consider, and the retailers must be taken care of, and that means a steady supply of such stock as he may need. Not all of the money in roses is made during midwinter and the spring months. We have a long summer when good roses are in demand, and the market usually supplied with poor stock at that time. How to remedy this has been a problem until the coming of new varieties, which have their places just as assuredly as Killarney has its place. Should we put ourselves in the places of the retailers and dictate what we should grow, it would not be all Killarney and White Killarney. The early planting of other varieties that have their strong points in spring, summer and fall will tide over the situation, and the returns will be found very satisfactory. To cite only one case, and that is My Maryland, 5,700 plants produced 120,000 bloom during July and August of this last year, and made a creditable showing the balance of the year. Without these flowers we should have been almost without roses, and have disappointed not only our customers, but their customers, who love the beautiful, and whose love for the beautiful has made the florist business what it is to-day. Give them novelty; give them variety; and the reward of increased business is sure to follow.

#### Ladies' Society of American Florists.

The Ladies' Society of American Florists had a very busy week, their headquarters was one of the crowded centers during exhibition hours. They held a business meeting March 27; on March 28 an auto ride through the park system was taken. On the afternoon of March 29 a theater party at the Boston theater was a feature. On Thursday, March 30, a trolley ride was had through Concord and Lexington and on Friday Mrs. W. H. Elliott entertained the entire body of ladies with a splendid reception at her residence at Brighton.

FLUSHING, N. Y.—Harry Turner, the florist for Howard Gould, has returned from a visit abroad.

WARREN, O.—Amasa T. Hoyt, who for fifty years had conducted a florist business here, was found dead in bed March 20. He had been in failing health for some weeks.

MINNEAPOLIS, MINN.—The growers and florists at a meeting held March 16 agreed to help in growing the different flowers required for planting in preparation for the civic celebration. It is estimated that 10,000,000 plants will be required in beautifying the city. The nasturtium has been selected as the official flower of the city.

## American Carnation Society

The Twentieth Annual Convention,  
Boston, Mass., March 28.

### The Business Meeting.

The American Carnation Society met Tuesday, March 28, being called to order at 8 o'clock in the evening. Ex-President M. A. Patten introduced to the members in attendance President Fred Burki, who proceeded to read his address, following which Secretary Baur and Treasurer Dornier read their respective reports. The secretary then read the report of the nomenclature committee, which thoroughly explained the great amount of work that was being done, but also stated that in order to complete the work there was much more yet to be done and the report was accepted. A letter from W. N. Rudd, tendering his resignation as judge, was read by the secretary and the same was accepted with regrets.

The nominations for officers being in order J. A. Valentine was nominated for president, Philip Breitmeyer for vice-president, and the present incumbents for secretary and treasurer.

The members of the party of British horticultural traders being present J. S. Brunton, C. Englemann and W. E. Wallace were called upon and addressed the meeting, all expressing their great appreciation for the hospitality which they had received since their arrival upon this side of the Atlantic Ocean. Mr. Englemann spoke of the varieties of carnations which were being grown successfully in England, stating that the Enchantress family had proved to be the best of all with them. Mr. Wallace in his remarks paid tribute to the three ladies so well known in carnation circles here, the Misses Hill, Dornier and Nicholson, and wondered what was the matter with the young men on this side of the water. A vote of thanks was then tendered the British visitors.

Philip Breitmeyer, in behalf of the city of Detroit and the florists of that city, extended an invitation to the society to hold the convention in 1912 in Detroit. The meeting then adjourned.

### ELECTION OF OFFICERS.

The society at the meeting held March 29 elected the following officers:

Philip Breitmeyer, vice-president.  
A. F. J. Baur, secretary.  
Fred E. Dornier, treasurer.  
Eugene Dailledouze, director.  
C. E. Stroud and William Nicholson, judges.

C. W. Johnson was elected judge to fill the unexpired term of W. N. Rudd, resigned.

Detroit was selected as the next place of meeting, the date to be the fourth Wednesday in January, 1912.

### President Burki's Address.

Permit me to share in the welcome of this twentieth convention of this very useful and prosperous society. I wish most heartily to express my appreciation of the work done by the members, who have worked so faithfully for the success of this meeting and exhibition, and we jointly also should show our appreciation and recognize the untiring efforts of our worthy Vice-President Pierce and our able Secretary Baur.

Boston, the recognized center of horticulture, has acted as our host sev-

eral times before; it is a pleasure to have the privilege of being here again, and I trust this meeting will be the best and most successful convention that we have ever had. "The premiums offered at this convention are more liberal than any of our former exhibitions; this is on account of us joining with this great flower show. Any person who has felt he was unable to come to this convention or felt that he was not financially able to attend this, "the greatest of all our flower shows," has lost much in knowledge, and he should have our sympathy.

There are but few recommendations that I have to offer, as the ground has been well covered by our former president. The most important matter that I wish you to consider is this: "The Society's scale of points for judging our exhibits." I especially refer to the seedlings or coming new varieties. It appears that we must rely on getting new varieties to take the place of those which we term "Standards" now grown. These seem to lose vigor in a few years under our present treatment. If we are going to keep up the popularity of the carnation, we must give more consideration to the keeping qualities which to my understanding would mean substance. For fragrance we only allow five points, just as if it did not count at all. Should we not require fifteen points for each of these, color, size, substance and fragrance, and ten points each for calyx and form, and twenty points for stem, making a total of 100 points? This scale to my judgment would be more uniform than the present percentage on which our judging has heretofore been made. I recommend the appointment of a committee to take up the matter of judging, and to consider the scale of points, on the percentage which I have just mentioned.

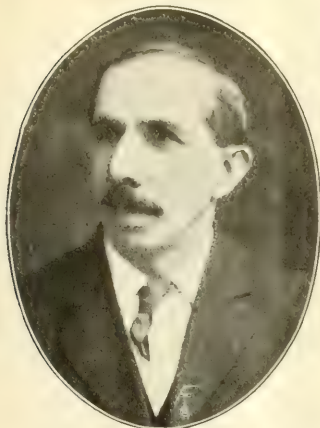
Is it not true that the carnation was made by the people the popular flower on account of its fragrance, keeping quality and comparatively reasonable price, compared with the rose? I may add that some of our most prominent retailers care to handle but very few carnations. In fact, they say that they would rather not handle them at all on account of the many complaints they receive, that the carnation blooms which they sold to their customers had gone to sleep on the day they were purchased. We should give this matter our serious consideration, for the buyer of carnation blooms has a right to expect in them both fragrance and keeping qualities. It is too bad that we have been getting away from this in most of our present day varieties.

Now that we have a Carnation Society button we want to carry out the recommendation of our former President Albert M. Herr, and that each member greet and welcome anyone wearing the button, and also constitute himself a committee of one, to secure new members to this society. Again I wish to thank the members of this society who worked so diligently for the success of this meeting and exhibition, and for the successful meeting held in my home city, Pittsburgh, last year.

### Treasurer Dornier's Report.

The following is Treasurer Dornier's report:

| EXPENDITURES.                            |            |
|------------------------------------------|------------|
| Paid orders on treasurer.....            | \$ 990.65  |
| Balance cash on hand March 24, 1911..... | 1,107.47   |
|                                          | \$2,098.12 |
| RECEIPTS.                                |            |
| Balance cash, January 24, 1910.....      | \$ 283.68  |
| Cash received from secretary.....        | 1,687.15   |
| Cash received, interest.....             | 127.29     |
|                                          | \$2,098.12 |
| PERMANENT FUND.                          |            |
| Reported January 24, 1910.....           | \$2,425.31 |
| Life membership, F. Burki.....           | 50.00      |
|                                          | \$2,475.31 |



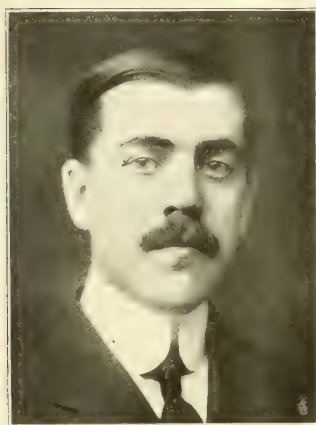
Fred. Burki.  
President American Carnation Society.



Fred E. Dorner.  
Treasurer American Carnation Society.



A. F. J. Baur.  
Secretary American Carnation Society.



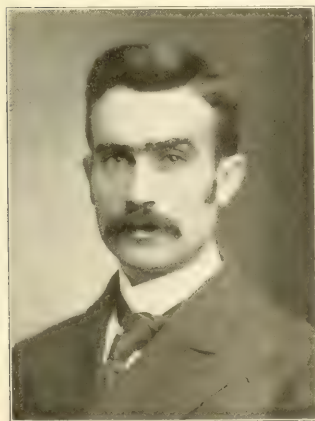
I. S. Hendrickson.  
President American Gladiolus Society.



L. Merton Gage.  
Secretary American Gladiolus Society.



Joseph H. Hill.  
Judge.



William Duckham.  
Judge.



Harry A. Bunyard.  
Secretary Sweet Pea Society of America.  
SOME NATIONAL FLOWER SHOW WORKERS.



Charles H. Totty.  
Judge.



### Florists' Telegraph Delivery.

The meeting of the Florists' Telegraph Delivery was called to order at 10:30 A. M. Wednesday, March 29, by President J. A. Valentine. They considered the ways and means of strengthening and obtaining a large membership. The members are to subscribe to and build up a guaranty fund, and then there will be an assurance that the payment for orders received by telegraph will be secure.

### Credits and Collections.

Paper read by President J. A. Valentine before the Florists' Telegraph Delivery Association at Boston, Mass.

In presenting to you this hastily prepared paper I wish to state that while the words are mine the paper is prepared from notes furnished me for that purpose by the secretary of our company, Miss Page, who has for years acted as our "credit man" in charge of accounts and collections. If the inner history of retail florists could be known, I firmly believe that it would show an astonishing number of failures due to the careless extending of credits and slovenly methods of collecting. Doubtless others have had problems to contend with that have not confronted us, and I hope that in the discussion on this paper many helpful points will be brought out.

In my opinion many florists make the mistake of being timid about asking a man for references when he wishes to open a charge account. This is all wrong and it is hard to see why any such attitude should have become at all common. The man who goes to the bank to borrow money expects to thoroughly satisfy the bank on all points concerning his capital, his credits and his antecedents. The florist's transactions are smaller, but it is just as essential for him as for the bank to see that credits are not extended to people who will not pay. If the customer has good credit he is generally glad to prove it to you; and if he gets indignant over your courteous inquiries it is pretty safe to assume that he is one of the numerous gentry whose capital consists of gall and a good front.

In our establishment we get all the information we can but when none is obtainable we are inclined to be fairly liberal in extending credit for small amounts but we follow up the collections very closely. During office hours all such matters are referred to the credit clerk, but salesmen are allowed some discretion in the early morning and in the evening. If the credit clerk has no record of a customer, the Retail Credit Men's Association, a local organization of which we are a member, and which includes about two hundred retail merchants, is called on the 'phone and asked in regard to the customer's rating. If they have no record of him, we then obtain what information we can as to the customer's residence, business connection, etc., from the city and telephone directories, and if the information obtained from these sources looks fairly favorable and the amount involved does not exceed three or four dollars, the charge is allowed to go through; otherwise, unless we can get the customer on the 'phone and get a satisfactory reference from him, the goods are sent C. O. D. If the flowers ordered are for a gift, and the amount is not large, we take the chance and fill the order. We have found that there can be no cast-iron rule in regard to these matters, but each

case is determined by the circumstances and the information obtained. Oftentimes on busy days charges to entire strangers and people concerning whom we can get no information will slip through; but the results of sixteen years of this policy have led us to think it is better to risk an occasional loss than to offend or turn away people who might otherwise become good customers.

Our office record is kept as follows: When charges to new customers come into the office, their names, together with such information as we can get concerning them, is entered on a card. This is a 4x6 card printed so as to allow the following information: Name, address, occupation, report on credit from Dun's, Bradstreet's and the local Credit Association, and the date of such report; also whether it is a retail, wholesale or discount customer, and the date the card is filled out. These cards are filed alphabetically in a vertical card file. The lower part of these cards is so ruled that a small square is given to each month in the year, for a period of ten years. When an account is paid, the approximate amount of it, indicated by a series of letters of the alphabet, is entered in the square allotted to the month of the year in which the charge was made, together with figures showing the time taken in which to pay the amount, 30, 60, 90 days, etc. This card becomes a valuable record of the way a customer pays his bills, and about how much he buys of us. This card file daily becomes of more value, not only in furnishing the names of our good customers to be used in connection with advertising matter, etc.; but it enables us to know the people whom we have to push for collections, or fight shy of altogether. When it has been decided that we do not wish to give credit to a man his index card is marked at the top with the letter R so as to be seen at a glance.

For our daily information as to the condition of past due accounts, we keep another card file. This includes all accounts not paid in the month following the purchase. At the end of each month a card is made for each new past due account, and placed in this file, and it stays in the file until the account is paid or charged off to Lost Accounts. This card shows the name, address, date and amount of the account. All memoranda relating to the collection of this account is entered on the card as soon as received—including date of letters written, promises of customer, reason, if any, for account being slow, etc. Each day this card file is checked with the cash book, and when an account is paid, or it becomes necessary to charge it off to lost accounts, the card is taken out and destroyed. A file of this sort is a great help to the credit man, because it gives concisely the information in regard to the accounts which need his attention.

### METHODS OF COLLECTION EMPLOYED.

At the end of each month an itemized statement is mailed of charges during the month, including past due account, if any; and a statement is also mailed, of all those accounts which are past due and which have no charges during the current month. Duplicates of these last are made for the collector. Only past due accounts are given to him, unless there is some reason for feeling timid about some new account. As a rule accounts are given the collector as soon as they are

delinquent, but this is somewhat governed by the customer's credit rating as shown by our records. Past due accounts of old customers who have been in the habit of paying promptly, are not given to a collector the first month after they become past due. This is also true of the most of our lady customers. We have found it to be good policy to be a little slower about sending a collector to lady customers than to the men, for the ladies seem unable to consider the business question involved without reference to their personal merits. The collector is urged to secure a promise for payment on a definite date, and not to be content with a promise to pay "soon." He then makes it a point to call for the money on the date set.

After the collector has had an account for a couple of months and it is still unpaid, a courteous letter is sent calling the customer's attention to the fact that the account is unpaid, and that a check will be appreciated. We use no form letters, as from experience we have found that it is better to make a personal appeal suited to each particular case. If this letter brings no results, what shall be done with the account depends on the circumstances of the case, the customer's standing in the community, his apparent worth and his local credit rating. Sometimes we have found it good policy to be patient for a number of months and coax a customer along, retaining his good will and finally educating him into paying his bills promptly. Sometimes customers let small accounts run month after month simply because the amount involved is small. If the bookkeeper deliberately adds a dollar or two to this man's statement it will often bring him into the office in a wrathful mood with sarcastic comments on your system of bookkeeping. Proper apologies are made, the bill corrected, and the right amount collected. There are said to be tricks in all trades and this is one of them. Its success shows that the customer had not overlooked the account but was wilfully neglecting it.

Our two local credit associations are of great assistance to us. One is called the Retail Credit Men's Association, the other the Denver Credit Men's Association. The first is an association of retail merchants, the members of which send in to the secretary of the association daily reports of their slow-paying and bad accounts, also their new accounts. The association keeps no record at all of a man's worth, but simply of the way he pays his bills to the members of the association. This information is available at any minute over the telephone. The Denver Credit Men's Association is more in the nature of a collection agency. It furnishes us with two form letters which are mailed by us but with the signature of the association. The first states that the account has been given to the association for collection, and asks that it be settled at once. The second letter, which is sent out about ten days after the first, states that if the account is not paid at once it will be necessary to include the delinquent in the monthly report to members of the association. These letters are not used until the collector has exhausted his resources. If the second letter brings no results we give up the account as practically hopeless, charge it off to "Lost accounts" and give it to a regular collection attorney with instructions to sue if it seems advisable. When a delinquent customer resides outside of the city of



THE ITALIAN GARDEN ON THE HUNNEWELL ESTATE, WELLESLEY, MASS.

Denver, if letters fail to bring results, we notify him that draft will be made on him on a certain date. If he does not pay by that date, draft is made on him in the regular way through our bank. If no attention is paid to the draft or it is refused, we then attempt to make collection through what is called the Credit Association. This is a New York concern which is also in the nature of a collection agency. There is a series of two dunning letters, and if these bring no result, a draft on a form furnished by the association, is sent to the bank designated by it in the town in which the customer lives. Attached to the draft is a letter to the association's attorney in that town asking him to proceed with the collection of the account. If the draft is not paid through the bank the account is then given by the bank to the attorney.

We also keep in our office a card file of all accounts which have been charged off as lost, and which have not been outlawed, bankrupt or gone out of business. The card shows in whose hands the account is at the present time. If the account is in the hands of an attorney the card shows that fact. The other accounts are simply carried along in the file in the hope of some time locating the customer who has changed his address and disappeared. These cards are looked over periodically, any further steps which seem advisable are taken to enforce collection, and as fast as an account is paid or outlawed, the card is taken from the file and destroyed. We some-

times get an account against a man who is notoriously bad pay—and generally for a small amount. In such cases our collector is instructed to be very persistent and if the account is not paid to continue to annoy the man even in the presence of his customers in his own office. The object of such methods is not the collecting of this account, for the small sum is not worth all the trouble and often we do not collect the account at all, but the next time that man wants flowers he will avoid us and go to some concern whose collection methods are less offensive and we are well rid of him. There seems to be a sort of fraternal feeling among men of this style who are continually living beyond their means and they evidently pass the word along to their cronies that we are mean and persistent in our collecting. We think that such a reputation among men of this sort is worth striving for. On the other hand when a man comes to the office with a story of sickness or genuine misfortune, we are glad to arrange for such extension of time as his necessities require—only asking that he make his promises of future payment as specific as possible. Misfortune sometimes turns into fortune and you will sometimes retain the good will of a man by considerate treatment and later find in him a prompt and valuable customer.

The policy, as herein outlined, is the same practically that we have followed for a number of years; but the detail is a matter of growth, and has been carefully thought out from time to

time, to meet the demands of our particular business and line of customers. We are always seeking to improve our methods, and read all available literature on the subject. We have found that very few accounts are lost if they are followed up promptly, but that a slow account can very quickly become worthless if the debtor is allowed to think that you are easy and negligent in such matters. Years ago I was repeatedly cautioned by well-meaning friends that any attempt to follow up accounts and make prompt collections would result in driving away from us our most desirable trade. It is true that some customers have taken exception to our sending their bills by our collector and some few of them have temporarily withdrawn their patronage. The most of these have eventually returned to us with the knowledge that we make prompt collections and they are generally models of promptness. Some few have never returned but are now adding to the burden of overdue accounts carried by our competitors. We have just adopted the plan of sending a letter with the first statement of account sent a new customer, expressing pleasure at finding his name among our charge accounts, promising him good service, hoping to please him, etc. In short, extending him the glad hand and making him feel that he has his own identity in the office.

The collection and bookkeeping department is a necessary expense and if it can help to draw trade or hold it when once secured it will thereby help



to pay its own way. The value of any system must be judged by the results obtained. I will simply state that by following the plan outlined above we have, for the past five years, collected an average of \$996.00 out of every \$1,000.00 charged. The retailers of the country can be vastly benefited by an exchange of thoughts and experiences in such gatherings as this. The growers have long met in conventions and made rapid progress in their end of the florist business by reason of such exchanges. To hold that your business knowledge is too valuable to exchange with your competitor is only one less antiquated than viewing each competitor as an enemy; and to consider ones self too well posted to be able to learn anything in a gathering of this sort stamps one as narrow and provincial. Let us give freely and hold ourselves ready to receive and retain the good points advanced. If each one can advance one good point all will be vastly benefited for each will have parted with one valuable idea and receive a great many in return.

#### Azaleas.

The great variety of blooming plants that can be produced for Easter, renders it impossible to make any one plant as prominent as at Christmas, yet the azalea is one the best and finest at this season, and it can be so easily grown in fine condition that it takes a high rank at this time. The azalea season, by purchasing early, midseason and late varieties, can be made, with little work, to extend from December to April, and for the Easter blooming varieties, especially when that holy day comes in April, it is best to select the later blooming sorts. The plants should have been kept in cool quarters until the middle of March, for at this season from three to four weeks in the greenhouse is plenty to have them in good condition at Easter. As soon as they are brought into the greenhouses they should be given a good watering and at this season of the year will require plenty of water throughout their growth. It should be remembered that the azalea naturally grows in a wet, peaty soil that is very retentive of water, and with the small amount of roots that is left on the ball when it is shipped to this country and the plant placed in a small pot, the roots dry out very quickly. As the sun gets higher and the heat stronger plants like azaleas will demand close watching to keep them in first-class condition. They should be frequently syringed and the house kept well wet down and with a nice moist atmosphere. Under no circumstances should they be allowed to be in a warm dry atmosphere, for if attacked with red spider they will be quickly ruined. There may be tender growths that spring from around the buds, these should be carefully removed as early as possible, for if allowed to remain they are apt to blight the growing flowers and are taking the strength from the plant. The azaleas grown in the full sunlight will be of much higher color than those grown under shade, but during April, if the plants are advancing rapidly, it is better to give the house a light shade, as they are a cool growing plant and are not fond of high temperatures. Everything should be done to keep the foliage at its best, for it is the beautiful setting to the bloom that

makes this plant such a favorite. It may be that at Easter some of the plants will remain on the grower's hands, and as it will require but little labor, and as they can be grown outside, it does not pay to throw the plant away, but grow it on through the summer, and fine specimens can be obtained for another year, and if properly handled as good a plant can be grown as can be purchased. But they must be taken care of and given every opportunity. If they were crowded into as small a pot as possible when received last fall, they should be potted in good soil in a pot large enough for them to make roots, but they are slow growers and will not require too much pot room. They should be plunged in the soil in a good airy location in partial shade, but not under heavy foliaged trees, for they are better in the full sun than in too shady locations. A good cold frame is a very good position for them. The hose should, at any rate, be very handy and the plants frequently syringed and watered throughout the summer. They should be kept trimmed into shape until early summer and all long rank growths cut back. If it is found by the first of September that the buds are not setting well, the water can be withheld for a short period and the buds will set immediately.

## WITH THE GROWERS

Joseph Heacock Co., Wyncote, Pa.

The visitor to the Joseph Heacock Co.'s establishment at Wyncote, will find much to interest him in the very extensive stock of kentias, which it would be safe to say is the largest stock of home grown plants in the country. They are seen here by the thousands not counting the seedlings and one and two-year-olds, but those of larger sizes from six-inch pots up to twelve-inch tubs that are here by the house full, in fact, as Mr. Heacock says, "We had to get into a larger stock particularly in the extra sized plants as we were always sold out before the season was over and from the inquiries that are coming in, I question even with our increased stock that they will last the season out."

All the sizes over eight-inch pots are in the cedar tubs which Mr. Heacock says are much better than pots, first, for the reason that they do not break and are more easily handled than pots, and that they hold the moisture longer, not requiring the same attention that the plants do that are grown in pots. If a plant in a pot happens to be a little dry and is picked up to be carried by the trunk, as is the



AZALEA TIED DOWN.

ATLANTA, GA.—The Atlanta Floral Co. is making some unusually beautiful and artistic floral window displays.

NEW HAVEN, CONN.—Wm. Fischer is making additions to his greenhouses. Two new houses are in process of construction, and another is to be erected to be used as a propagating house.

GARY, IND.—George Poole, a florist of Gloversville, N. Y., visited here and looked over different pieces of property suitable for greenhouses, with the intention of building and establishing a florist business.

case when decorators are in a hurry, the pot is very apt to drop off and break, and the plant suffers if another is not handy to replace it. All the stock here is in the very best condition, but the large made up Kentias Belmoreana and Fosteriana in twelve-inch tubs, are especially notable, they being exceptionally well grown plants.

Cibotium Schiedeii is also a feature here, there being a large stock grown on pedestals raised above the smaller palms where they have ample room to spread out and make perfect plants.

This is one of the most effective of decorative plants and fast becoming a staple with the decorators. It is also becoming popular with the buying public, the medium-sized, closely set stock selling readily for house decoration.

A house of the Dorothy Gordon carnation was full of buds and flowers, although it had given a crop of over 100,000 cuttings, a last batch of cuttings in the sand were an example of successful propagation, as not a plant could be picked out of the lot but what was all that could be desired. The sand used was a light yellow "bank" sand from a neighboring quarry, that was sharp and gritty and rather coarse, in which it would seem impossible, for fungus to generate.

Orchids are also a specialty and a fine lot of cattleyas fill a large house which is entirely given over to them. Cutting has been continuous the entire season, large quantities being shipped to Chicago and New York in addition to the demands of the home market.

A house of Killarney roses are to be tried for the fourth season next year, it would not have been thought possible before, but the good crops of this season from the stock which has been on the same benches for three years has earned it another lease of life, and the plants will be continued next year. K.

#### Godfrey Aschmann, Philadelphia, Pa.

One of the most interesting places to visit at this time, is that of this Philadelphia grower whose establishment, besides being so well stocked with the best of plants, just right for the Easter trade, is one of the most unique of its kind, being situated right in the midst of a built-up residence district where as the business grew, residences were purchased and the rear yard spaces filled with greenhouses, until now there is quite an extensive range and every house crowded with well-grown stock that is good to look upon. From the beginning, Mr. Aschmann has always had to be an economizer of space, and it is wonderful to see how systematically the various crops are handled with this end in view. Under the benches is stored stock that is not now in season and which has to give way for a time, while on upper stages and hanging to the roof are shelves filled with boxes containing seedlings and small potted plants, all in readiness for the empty bench space that will come after Easter. Nothing seems neglected, the whole place being an example of what can be done in economizing valuable greenhouse space. Specialties at this time are azaleas, hydrangeas, spiraeas, lilies, cinerarias, rambler roses and bulbous stock.

Mr. Aschmann grows for the buyers of medium priced stock which are largely in the majority and no attempt is made to produce the large specimen plants that are the pride of some growers. The medium grade of stock that is seen here, however, is finished in the best possible manner, and almost every plant is saleable. Mr. Aschmann goes to Europe every summer and makes a personal selection of his azaleas, which assures perfect plants well budded and uniform in shape. His lilies are for the most part multiflorum, which he thinks the best all round variety, there being too many failures with giganteum and the other sorts.

Hydrangeas are well done as are spiraeas which are very full of buds and dense with foliage, Rambler roses are heavily budded and fine shapely plants. Two houses of cinerarias are a beautiful sight grown from a carefully selected strain, they are salable almost to the last plant. A large quantity of bulbous plants were being brought into the house from the frames and filled

#### Frank Oechslein, Chicago.

The plantsman, four weeks before Easter, is a busy man, and his greenhouses are a scene of general activity. A visit to the establishment of Frank Oechslein, on the west side of Chicago, found the stock of Easter plants in splendid condition. Four houses of lilies were in excellent shape, the buds all set, and just dividing away from



AZALEA CARL EUKE.  
A Well Flowered Specimen.

into spaces made as the stock was shipped out. Mr. Aschmann says that orders are going out all the time, as he has a trade from all over the states. Reports had just been received from a city in Utah accompanied with a check that the goods had arrived safely and were very satisfactory. Mr. Aschmann is a great believer in advertising and finds it the best way to reach the wholesale buyers. He has few losses, as his request is "Cash with order, please." C. O. D. by express is all right but sometimes goods arrive late and are not received and then it is a fight with the express companies, and this he tries to avoid if possible, as it is generally a losing business. He says we try to give good value and see that the plants are packed carefully, then after they are delivered on time to the express company, our responsibility ceases and we expect to be paid for our work. K.

BOSTON, MASS.—William F. Aylward has filed a petition in bankruptcy, the liabilities amounting to \$4,077; assets, \$800.

The varieties grown are giganteum and multiflorum, and the plants all showed fine culture, being of the right height for florists' use and the foliage in the pink of condition. From the outlook the plants will be forward enough to properly harden them up for the time when they will be desired, and a large airy building used for this purpose is a part of the establishment. In rambler roses there is a large quantity—all of which are in superb condition and just showing color. The foliage is particularly bright and glossy and the plants well covered with buds. Baby Rambler is extensively grown and these are to be seen in many attractive forms. The pink baby rambler, Mrs. Cutbush, is also largely grown and is found to be very popular. Fine plants of Tausendschon, Crimson Ramblers, Dorothy Perkins and other climbers were noted twined into pyramidal and basket forms all in fine condition. A house of Primula oboconica was a beautiful sight, the plants being covered with bloom. Azaleas in quantity just showing color, rhododendrons with their



large buds starting to burst open, and a house of hydrangeas in the pink of condition. The decorative stock was also in splendid shape, and the palms of salable size, the graceful Phoenix Roebellii and stately kentias were beautiful plants, and a bench of Pandanus Vietchii were as fine a colored lot as we have ever seen. Large quantities of ferns are grown and to be found in all stages and sizes. Boston ferns and its sports and Cibotium Schiedel, and of small ferns for fern dishes a very large stock in all sizes from seedlings up to three-inch plants.

At one end of the range is a large shed well ventilated in which the stock can be retarded or hardened up before being shipped. It was full of bulbous stock on our visit and beautiful pans of tulips, narcissus and hyacinths were ready for store use. These are grown in frames built about three feet high with a heating pipe running through them, to be used in case of severe weather, and the appearance of the stock certainly showed that this is a splendid way to handle bulbs, the pans being far better than many we have seen grown in greenhouses.

#### The Drummer as a Factor in Horticulture.

Paper read by S. S. Skidelsky of Philadelphia, Pa., before the Detroit Florists' Club, February 20, 1911.

When we alternately look at the methods employed by the horticulturists of a generation or two ago, and those of the present day, we must concede that the tremendous changes in our business and the numerous improvements along all lines to be found everywhere are, in a small measure at least, due to the men, called "drummers," who, never daunted, brave storms and blizzards, discomforts and discomfures, in order to accomplish results. The commercial man has unquestionably played the part of missionary, educator, collaborator and scapegoat all in one—and his reward—but of this later.

In an article entitled "The Psychology of Business" which appeared in a business magazine for January, Walter Dill Scott, of the Northwestern University, speaks of "the love of the game" as the greatest stimulus to man in business. "First," he says, "a man will develop a love of the game in any business in which he is led to assume a responsibility, to take personal initiative, to feel that he is creating something and that he is expressing himself in his work." Furthermore, referring to the capitalist who has already made his "pile," he continues, "Love of the game has been engendered within him and his enthusiasm has become unbounded."

Those acquainted with the typical traveling man, making his annual or semi-annual calls on the trade, will likely hear me out when I say that it is the "love of the game" rather than the monetary reward that is responsible for hardships endured and disappointments encountered during a life's work, which at its best, is neither conducive to good health, nor to the accumulation of a fortune. It is not my object, however, to portray the hardships of the drummer, who, for all I know, may take a brighter view of road life, and find the comforts of a hotel or the luxuries of a Pullman sleeper preferable to home life. Be that as it may, what interests me most is—has the commercial man con-

tributed his share towards the progress of horticulture, and, if he has, to what extent, and in what manner? Let us see.

The time is not so far gone but you can easily recall it, when your potting benches and other "available" places were literally stocked up with all sorts of handsomely engraved or lithographed likenesses of plants, highly recommended to yield nothing short of a fortune to the investor. As a matter of course, the growers yielded their dollars, not to mention the greenhouse space, their time and their work, with the result in most cases, of sheer disappointment in the end. Now I do not wish to insinuate that the horticultural concerns meant to employ such means, namely the highly colored lithograph, and the equally highly convincing adjectives, with the sole object of fleecing the grower. Not at all. Those were the only available methods, in the good old days, before the advent of the drummer. The finer the catalogue, the more elaborate the lithograph and the descriptive matter, the more orders were sure to follow. If Mr. Smith chose to be tempted and invested in a novelty, regardless of whether that novelty suited his purpose or his locality, why, it was Mr. Smith's own look-out. Had not Mr. Brown, perhaps one out of ten, made a success of it? The introducer of the novelty, I repeat, never intended to fleece Mr. Smith. On the contrary, he meant to benefit him, to give him a meritorious thing, full value for the money. There were no other ways of reaching him, no other means of talking it over. On the face of it, it looked good, that is the picture and the descriptive matter, and that settled the matter. As a result of such knocks, the grower for a time became

of that truly excellent novelty, made a most heroic attempt to unload a dozen or twenty fine rooted cuttings upon the only florist of that town. "No, sir, you can't fool me, not much I am through with novelties, and you had better not waste your time here," ejaculated the florist, with all the determination and ardor of one fully convinced that he knew what he was talking about. The "love of the game" however, succeeded in the end. Upon his solemn promise, that, should the "Tidal Wave," God forbid, engulf his, the florist's interests and prove a failure, there would be no pay, a whole dozen of rooted cuttings was ordered and benched. Well, the Tidal Wave came up to the promise. When Day-break appeared, the drummer had no hardship in unloading a hundred upon the selfsame customer. Scott was planted most profitably, so were Flora Hill, White Cloud, Lawson, Enchantress and others. The florist in question now buys carnation cuttings by the thousand and is regarded among the progressives in the craft. I cite this instance, one of a multitude of similar instances, in order to prove that the pioneer drummer, who, because of the "love of the game" succeeded in accomplishing his object, was a missionary in the true sense of the word, contributing his share towards the uplift and the dissemination of a worthy carnation, thus benefiting not only the introducer of the novelty, but the grower and the community at large as well.

In looking back over a period of twenty-five years, following the career of the small grower in the "one-horse town," up to the time when both he and his town made the remarkable growth characteristic of our American enterprise, one must not overlook the



PRIMULA OBCONICA AT FRANK OECHSLIN'S, CHICAGO.

ultra-conservative, skeptical, suspicious, often missing really good and meritorious things. But conditions were changing, and with the appearance of the commercial man on the stage of horticultural interests, there came a change in the general attitude of the trade. Let me cite but one instance.

It happened in a small town in Ohio, it does not matter where, about the time of the appearance of the Tidal Wave carnation. One of the "pioneer drummers" of that time, who took hold

hard-working, painstaking, well-meaning and honest drummer, who, whatever his shortcomings, has not failed to contribute his share towards the progress of horticulture, of which we are justly proud. The man who is interested in his work will, as a matter of course, observe things, and thus add to his own store of knowledge and experience. If he is honest and honorable in his intentions (and there are but very few who are not), he will bear in mind that the interests of his trade must be protected first.

last and all the time, believing that a satisfied customer, one whose confidence is won and held, is an asset of far greater importance than a profitable order, that may prove a loss to the man who placed it.

Imbued with such a belief, the commercial traveling man will draw either upon his own experience, obtained by dint of close and intelligent observation, or upon the experience of other growers who often paid dearly for it, in order to put his man upon the right track. Reasoning from the promises that "honesty is the best policy," the commercial traveler, simply as a matter of policy, draws the line between "unloading" a thing fit for the dump, and selling an article which may prove of value to the grower. Having just returned from a trip to Chicago, for example, he will, in all likelihood, have something of interest to tell to his Boston florist friends. To be sure, So and So has planted largely of this or that rose, having found it profitable, while another rose, proving itself unworthy of the bench room given it the season previous, was discarded.

"How does Mr. Brown grow his begonia Lorraine, or his cyclamen, or his lilies so well?" "Why, he treats his plants 'just so,' and therein lies the secret of his success." The commercial traveler, if he "loves his game," in other words, if he takes an active, intelligent interest in his work, bearing in mind the welfare of his friends in the trade, does not ignore the hints and bits of information that he may pick up from time to time during his traveling career. Combining honesty of purpose, with the knowledge and experience that he thus acquires, he becomes a sort of "Bureau of Information," and, depend on it, he will not knowingly mislead his patrons, if his advice is sought.

But wherein, after all, lies the drummer's contribution towards the progress of horticulture? It is claimed, and on good grounds, that the success of any business concern hinges largely upon its organized working force, and that if we trace the history of our great captains of industry, we can read at the same time the history of well-trained, intelligent, persevering and hard working men, each and all of whom have helped to build the fortunes of our Napoleons of finance. What holds true of individual concerns or individual enterprises, holds equally true of interests not necessarily concentrated in the hands of a few individuals. The economic principle underlying the successful management of a machine shop or a printing establishment, bears a like application to any industry. The man behind the gun may upset the plans and calculations of the most skillful admiral; while on the other hand, the man who hits the mark, and can do it again and again as occasion may require is largely responsible for the victory with which his chief is credited.

To be sure, our progress in horticulture is due to the men who have made horticulture their life's work, who have sacrificed their time and their means experimenting, often meeting with disappointments, discouragement, even financial difficulties, but persevering, nevertheless, in spite of those obstacles. I say, all credit is due to these men, whose untiring ef-

forts along experimental lines have enabled us to make such a marked advance within but a comparatively short time. At the same time let us bear in mind that the man "behind the gun" is not to be overlooked either, and that in the general results he fully deserves his share of credit.

The commercial man who succeeded in "unloading" a dozen Tidal Waves on the florist, contributed his full share towards the advance and progress of floriculture in that locality. The drummer who gives a "straight tip" to his customer, and thereby enables him to

an order for White Perfection, but so does the grower and the grower's patrons, and the very locality where such a change is brought about. This is simple logic. But whether self interest is of primary or of secondary importance to the average traveling man, there is no denying the fact that he constitutes an integral part of the organized working force that has helped to advance horticulture to its present stage.

When the traveling man volunteers to speak in the interest of the Society of American Florists, or in the inter-



PANDANUS VEITCHII AT FRANK OECHSLIN'S, CHICAGO

plant a bench with White Killarney, for example, in place of Ivory, is benefiting not only his customer, but the general interests of horticulture as well. The man taking a long and tiresome tramp across some country road in order to see the grower, who has neither the time for the trade papers, nor any use for a local or national flower show, and succeeds in persuading him that there is more "bread and butter" in White Perfection or White Enchantress than there is in Boston Market, is a missionary, an educator and a benefactor in the true sense of these terms. He has contributed that much towards the progress of floriculture in that locality. "As a matter of course, some might suggest, 'it is the self interest, the desire to make a sale, that is chiefly responsible for the drummer's efforts.'" I will not deny that self interest is a potent factor in the shaping of a traveling man's career; he must live, and in order to live, he must earn a livelihood. The preacher, for example, who tells us about the kingdom of heaven, and who is so much interested in the moral welfare of the heathen or the Jews, will not at all hesitate to leave his small, struggling congregation when a larger salary is held out by a wealthier one, as an inducement. And why? Simply because he finds he must earn a livelihood. But the acceptance of a better salary does not necessarily mean that the man of the cloth is a selfish, sordid sort of a creature. The traveling man unquestionably benefits by booking

ests of the Carnation and Rose Societies, or the National Flower Shows, etc., as he often does, and succeeds in converting some of his friends to the good cause, self interest does not enter into his mind, and horticulture is certainly benefited to a very great extent. I might go on and cite numerous other instances tending to prove that the drummer has contributed his full mite towards the general progress of horticultural interests. What I have said, however, will fully suffice to answer our purpose. It will thus be seen, and I hope I have succeeded in making myself clear enough on the subject to have you see it, that in spite of the idea, entertained in some quarters at least, of the drummer being a sort of all around nuisance, in spite of the fact that some still regard him as a necessary evil, only to be tolerated and dismissed, he did his full duty and should therefore be entitled to his full share of credit.

Far be it from my intention, however, to plead the cause of the drummer; to be sure, he can take care of his own interests, and what is equally certain he has already succeeded in demonstrating his services to the craft in many a way. But for him, and his hard work at the exhibition halls, our annual florists' conventions would hardly draw the attendance they generally do; but for him, his enthusiasm or his "love of the game," many a good and "money making" thing would never perhaps have seen the light of day. If, perchance, his en-



thusiasm carries him too far, and his "money maker" proves a soap bubble, take it for granted that he never intended to fleece you. "To err, you know, is human." Like yourselves, he may now and then use poor judgment, and like yourselves, he well realizes that success in the broader sense of the term hinges primarily upon a policy that is honest and above board. In his hard and uphill race, questionable means, he well knows, can only serve to hinder his progress. He is learning in his school of experience that business integrity and honesty of purpose must constitute his stock in trade, his main equipment, else he cannot possibly run the race. I know of instances, where traveling men, disregarding instructions, have, at the risk of losing their positions, declined to unload undesirable things upon their customers, and such men, I will remark in passing and in conclusion, are by no means in the minority.

### Back to the Land Illusion

SHATTERED BY PROF. L. H. BAILEY.

In an address before the Massachusetts Horticultural Society at Boston, Mass., Professor L. H. Bailey took for his subject "The Outlook Countryward," and said in part:

"Two important movements are now before the country—the country-life movement and the back-to-the-land movement. The country-life movement is the expression of the desire to make the farming regions as satisfying and effective socially and economically as are the towns and the cities. The movement is not only sound but is fundamental, for the reason that an effort to effectualize any necessary existing society is part of the progress of civilization.

"The present back-to-the-land agitation is largely a city effort, expressing many motives and ideas. It is in part an effort of the city to relieve its congestion, in part a desire to find labor for the unemployed. In part the result of the doubtful propaganda to decrease the cost of living by sending more persons to the land, in part the desire of certain persons to escape the city, and in part the effort of real-estate dealers to sell land. There can be no objection to properly qualified city persons moving out to the open country, and many of them make good farmers; but for the most part the back-to-the-land movement is socially and economically unsound.

"Something can be done, perhaps, to relieve city congestion by finding opportunities for urban citizens in the country, but the extent of relief that really can be secured in this way is very small and it does not reach the core of the question; for the core of the question is that the city must learn to take care of its own and to solve its inherent problems, and that the whole interrelation of city and country must be solved by fundamental processes. Part of the congestion of cities is the increase due to immigration. Undoubtedly much can be done properly to disperse our aliens and to place them where they will be of service to themselves and to employers without constituting a problem of congestion. This, however, is a question of plain distribution rather than of land settlement. The real country-life movement itself will

do something directly to relieve city congestion, because it will tend to keep country people in the country; and yet we must recognize the fact that many country people are better fitted by temperament for city life than for agricultural life.

"There seems to be much needless alarm over the decline of rural populations. We must remember that we have passed through the rural or agricultural phase of our evolution. In 1790, about nine-tenths of all our people were on the farms; a hundred years later about one-third (counting men, women and children) were on the land or very closely connected with it. I expect that the present census will show a smaller proportion, and possibly the census of 1920 will show a still smaller ratio, although the ratio



Prof. L. H. Bailey.

has already undoubtedly sunk too low in some localities or regions. We shall never again be a rural people. The best society is neither exclusively rural nor exclusively urban. What proportion the rural population must hold to the whole population, no one now knows. The decline in rural population is only one expression of the sorting of our people into their groups; and we have not yet struck bottom in this process.

"The powers of a single farmer are being much augmented by the application of knowledge, the development of business management, the use of machinery, and by co-operative enterprises. Of course, the actual number of farmers will immensely increase, but the ratio cannot be expected to increase. There will be a great increase in demand for products of the farm as civilization progresses and as tastes become more complex, but the expanding powers of individual landmen will be able to supply these enlarging demands. What will be the ratio of increase in demand for agricultural products, no one yet can say. It is true that the progress of civilization does not greatly enlarge a man's eating capacity, but it greatly increases the variety of his food and improves its quality, and this of itself, wholly aside from the quantity of the demand, will call for much greater activity and

skill on the part of the farmer. But human food crops are probably not one-half the agricultural produce, and these other products increase in intimate ratio with the progress of civilization. These other supplies are cotton, wool, hemp and other fibres, timber and all timber products, all paper materials, the output of floriculture and other special industries, leather, and practically all other produce of the earth with the exception of metals and minerals and coal. Very much is going to be demanded of the farmer to supply all this wealth and variety of material.

"There is probably sufficient ratio of persons now living on the land, to supply all this increasing demand for the raw materials, if only these persons were properly effective. To displace them or to augment them by city people may provide a corrective here and there, but it can be only an incidental factor. The great question is how to reach the people who live on the land, how to sort out those who ought not to live on the land, and how to direct our economic and social growth so as to make it profitable and attractive and in every way worth while for a man to live on the land throughout his life.

"I do not think that the mere lessening of the numbers of rural people has any very close relation to the cost-of-living question. The great problem in this regard is to improve our means of distribution, so that the materials may be taken from the producer to the consumer with the least delay, the least cost, and the least waste. It is a shameful commentary on our economic and social system that in these days of great production of agricultural produce in the fertile land of North America, people still suffer for food in the great cities. We need to give much more attention to the distribution of our products than merely to placing more persons on the land. Persons will be satisfied to live on the land just as rapidly and as far as it is economically profitable and socially pleasant for them to live there.

"Our civilization is a system of economic loss. Society is built on the process of waste. The city drains the goods from the open country, extracts the kernel, and throws the husks into the rivers and the sea. The cities are half-way stations between the potash, phosphoric acid and nitrogen of the farms and the bottom of the ocean. The city tends always to destroy its province. It sits like a parasite, running its roots into all the surrounding country and draining it of its life-blood. Many a rural community is already sucked dry. Our business or commercial structure is responsible for the wastes of distribution. That it should require sixty-five cents out of every hundred to remove a good part of our produce from the land to the dinner-table, is an indication that we are living in a very imperfect and undeveloped economic era.

"The organization of society does not seem to have within itself the means of its own correction or salvation. We are obliged to apply correctives by extraneous legislative and legal processes in order to control the streams of waste. Until we evolve a structure in which economic waste is inherently reduced to the minimum, we cannot expect to make great progress toward



BRITISH HORTICULTURAL TRADERS AND LOCAL TRADE REPRESENTATIVES AT WASHINGTON PARK, CHICAGO, MARCH 24.

a self-sustaining civilization. We have yet no large permanent agriculture; and this means that we have yet no permanent civilization.

"To find some real economic relationship between city and country whereby the city will give back something to the country rather than to take everything from it, and whereby it will be as much interested in maintaining the producing-power of land as in developing art and literature and municipal systems, is the fundamental problem of civilization. City and country are coming together sympathetically, but this is largely a matter of acquaintanceship. There is no real adequate co-ordination between the two. If the city is ever really to aid the country, it must be mostly by the development of this mutual co-ordination and not by the city going into farming. Farming is a business for farmers.

#### Hardy Water Lilies.

ED. AMERICAN FLORIST:—

I desire to grow water lilies that will be hardy in a lake in Michigan and would like to plant some red and yellow varieties. Can you give any information as regards the varieties and culture?

T. H. R.

All water lilies, designated as hardy, will grow in any section of the country where our native pond lilies thrive. The various hybrids of American, French or other origin, are also as hardy as our native varieties. Almost any soil, such as is usually found in ponds or lakes, is suitable for planting in without any addition of manure or fertilizer, only in places where a gravelly or stony bottom exists, would it be necessary to supply suitable soil for placing. When planting time arrives, the roots can readily be pressed into the soil where the water is about two feet deep; in a short time new roots will be emitted, which will anchor the plants. If the water is deeper, or unsuitable for planting, another method can be adopted, namely, get stiff, loamy soil and wrap around each root and secure with burlap, just as trees are "baled," drop these where the plants are wanted to grow, the

weight of the soil will hold them in place and they will remain there.

The best yellow varieties are *Nymphaea Marliacea chromatella* and *N. Odorata sulphurea*. Of reds we have *N. Robinsoni*, orange red; *N. James Brydon*, rosy crimson; *N. Marliacea Ignea*, carmine red; *N. Laydekeri purpurata*, deep rosy crimson. All will succeed in Michigan.

WM. TRICKER.

#### British Horticultural Traders.

The illustration herewith shows some members of the British Horticultural Traders party at Washington Park, Chicago, March 24. The party arrived at New York, March 17, and after a short stay proceeded to Philadelphia, returning March 18, for the annual banquet of the New York Florists' Club, after which they went back to Philadelphia and then visited Baltimore and Washington, proceeding thence to Richmond, Ind. (where E. G. Hill received and entertained them), and then went on to Chicago, arriving in the latter city March 24 and were shown around the city in autos, visiting the various parks, Swift's packing plant at the stockyards and the greenhouse establishment of the Poehlmann Bros. Co. On the day of their arrival they were met at the station and escorted in automobiles to the Hotel Sherman by representatives of the Chicago Florists' Club, who entertained them at luncheon at the South Shore Country Club and dinner in the evening at the Union Restaurant. The party remained in Chicago three days, leaving March 26 for Niagara Falls. All the members of the party expressed themselves as greatly pleased with the enthusiastic reception given them at all points.

The members of the party in the illustration are J. Brown, of W. & J. Brown, Stamford; W. A. Cull, Lower Edmonton; C. Engelmann, Saffron Walden; J. S. Gunn, of Gunn & Sons, Birmingham; L. M. Graves, of St. George's Nursery, Harlington; G. Prickett, of Samuel South & Sons, Tottenham.

The local trade representatives in the group are Vice-President Kohlbrand, of the Chicago Florists' Club; M. H. West, superintendent of Lincoln Park; E. A. Kanst, of the South Side park system; Alex Henderson, John P. Degnan, W. W. Winterston, J. C. Vaughan and Michael Barker.

J. S. Brunton, Burnley; E. Barker, Manchester and J. Simpson, Burnley; were slightly indisposed on the day of arrival, hence their non-appearance in the group picture.

## OBITUARY.

#### William Schlatter.

William Schlatter, head of the house of William Schlatter & Son, of Springfield, Mass., one of the older florists of Western Massachusetts, died Monday, March 27, aged 64 years. The funeral was held Wednesday, March 29, and the interment was in Oak Grove cemetery.

#### Miss Fannie M. Anderson.

The death of Miss Fannie M. Anderson, of the firm of Anderson & White, of Lexington, Ky., occurred in that city March 20. Miss Anderson and her partner, Miss White, have been connected together in the florists' business at No. 159 Georgetown street, Lexington, for many years. Starting in a very small place, their business has increased year by year, until they have built up a flourishing business. Miss White was the hustling partner and Miss Anderson acted in the capacity of clerk and looked after the orders. The many friends of both extend their sympathy to Miss White in the blow which she has sustained in the death of her partner. E. G. G.

PECKVILLE, PA.—W. J. Broad has a fine lot of lilies and other plants for the Easter trade.

WOBRUN, MASS.—John Cummings, while removing a load of ashes from his greenhouse, made a misstep, fell several feet and broke one of his legs. He was attended by physicians and is getting on nicely.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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When sending us change of address always send us old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earliest possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
324 Dearborn St., CHICAGO.

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### National Flower Show Guarantors.

On the list of guarantors of the National Flower Show, Theodore Wirth's name appears in the schedule. Credit should be given, not to Mr. Wirth personally, but to the Minnesota State Florists' Association, of which Mr. Wirth is president. The Minnesota State Florists' Association, wishing to show its interest in the affairs of the National Association, was among the first to subscribe to the guarantee fund. Proper credit is given on the stationery of the National Flower Show, but through some inadvertence, in the schedule only Mr. Wirth's name appears. It should be the Minnesota State Florists' Association, Minneapolis, Minn.

RENEW subscriptions promptly so that no copies of the papers may be missed.

This March with snow and cold is in marked contrast to that of 1910 and the season may soon be called a late one.

MUCH winter-killing of lawns is apparent on private and public parks about Chicago and lawn grass seed has never been so dear!

SAN FRANCISCO and Boston indulge in fan shows on the same dates that Omaha, Chicago, Cleveland and Buffalo have a snow blizzard.

THE snow blizzard swept the west and northern states March 27, followed by a drop of the temperature at night to a serious danger point to much horticultural stock in transit.

AMONG florists in this country there is a lurking suspicion that the reason some of the Hollanders keep coming earlier each season is because they can by so doing secure new business before their customers can tell definitely the flowering quality of the stock supplied the previous season.

THE paper by August Poehlmann, Chicago, on the "Development of an Up-to-date Rose Growing Establishment" and that of Wallace R. Pierson, Cromwell, Conn., on the "Science of Rose Growing," presented at the Boston meeting of The American Rose Society, March 27, were considered very notable contributions to the literature of floriculture, and some of those in attendance said they were the best yet given to the trade. These papers will be found elsewhere in this issue.

### Society of American Florists.

#### DEPARTMENT OF REGISTRATION.

As no objections have been filed, public notice is hereby given that the registration of the roses, Double White Killarney and Killarney Queen, by A. N. Pierson, Inc., of Cromwell, Connecticut, becomes complete.

H. B. DORNER, Sec'y.

March 29, 1911.

### Chrysanthemum Society of America.

The following special prizes have been offered for the Chrysanthemum Society Show to be held in St. Louis next November.

E. G. Hill Specials: For the best 10 blooms, Chrysanthemum Emberta, \$10.00; for the best 10 blooms, Chrysanthemum Wells Late Pink, \$10.00; for the best 10 blooms, Chrysanthemum Golden Gem, \$10.00.

Prizes offered by The E. G. Hill Co., Richmond, Ind.

C. W. JOHNSON, Sec'y.

### National Flower Show Attendance.

The attendance at the National Flower Show at Boston is reported good, but so far no figures have come to hand. At the first National Flower Show, held in Chicago November 6 to 14, 1908, the paid admissions for the eight days exceeded 28,000. This was probably a high record in America considering that the adult admission fee charged was 75 cents. At the St. Louis world's fair flower show November 7-12, 1904, admissions for the six days numbered something like 33,000 at 25 cents each, but it must be remembered this exhibition was held during the progress of a great world's fair.

### English Cut Flowers.

Indoor cut flowers in England, grown in American style greenhouses and following to a large extent American methods, principally roses and American carnations, are commanding high prices in London and invading the Paris, Berlin and St. Petersburg markets. It is significant that the importations to England of cut flowers from southern France, according to W. E. Wallace, the well known grower of Dunstable, is falling off and that the long-stemmed roses and carnations are taking their place in the British market as well as on the continent at fancy prices. During the recent holiday season fancy carnations on the London market brought as high as eight cents and on February 15 fancy blooms of Pink Delight brought six cents. Pink Delight, Mayday and many other American carnations are great favorites in Europe. The Richmond rose is also in high favor with European buyers of winter cut flowers.

### American Carnations for Coronation.

There has been considerable discussion in the English newspapers recently as to the flower which would be selected for the festivities in connection with the coming coronation of the king and queen. The rose, of course, being the national flower of England, had many adherents, but the sweet pea and the carnation were strong favorites in the contest. Now it is reported that Queen Mary has intimated to the Gardeners' Company, whose offer she already had accepted to compose the bouquet which she will carry at the coronation, her wish that it should be composed of carnations. The flowers from which it is understood her choice will be made are the varieties Enchantress, Mrs. Lawson and Winsor, all American varieties it will be noted.

R. F. Felton, a well-known English florist, says that next to the rose, which was really England's flower, there could be no better choice than the carnation. "The perfection to which perpetual flowering carnations have now attained," he said, "makes them perhaps more sought after for purely decorative purposes than almost any other flower. You can decorate with carnations in a way that cannot be successfully undertaken without them. In the first place, they have magnificent lasting qualities when cut. The petals do not fall, no matter what the atmosphere of the room may be. However hot coronation day is, and we all hope it will be brilliant, the carnation will stand the heat better, perhaps, than any other flower."

### The Book of the Sweet Pea.\*

In the series of Handbooks of Practical Gardening edited by Harry Roberts and published by John Lane, The Bodley Head, London, England, there has just been issued The Book of the Sweet Pea by D. B. Crane. The book is very complete in handling the subject of one of the most popular flowers under cultivation today, dealing with the history and evolution, the culture and propagation, the gathering and exhibiting, pests and diseases, the classification and the work of the National Sweet Pea Society, and is replete with beautiful illustrations of the more beautiful varieties and their arrangement. Price \$1.00.

\*We can supply any books here noted on receipt of price quoted.

## Meetings Next Week.

Albany, N. Y., April 6, 8 p. m.—Albany Florists' Club, 71 State street.  
 Buffalo, N. Y., April 4, 8 p. m.—Buffalo Florists' Club, 385 Ellicott street.  
 Chicago, April 6, 8 p. m.—Chicago Florists' Club, Union Restaurant, 111 Randolph street.  
 Dayton, O., April 3, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.  
 Detroit, Mich., April 3, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
 Grand Rapids, Mich., April 3, 8 p. m.—Grand Rapids Florists' and Gardeners' Club, office of member.  
 Indianapolis, Ind., April 4, 7:30 p. m.—State Florists' Association of Indiana, State House.  
 Louisville, Ky., April 4, 8 p. m.—Kentucky Society of Florists, Third and Broadway.  
 Milwaukee, Wis., April 6, 8 p. m.—Milwaukee Florists' Club, Quiet House, corner Broadway and Mason street.  
 Montreal, Que., April 3, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west.  
 New Orleans, La., April 5, 8 p. m.—German Gardeners' Club, 622 Common street.  
 Newport, R. I., April 5, Newport Horticultural Society.  
 Pasadena, Calif., April 7, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 Philadelphia, Pa., April 4, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street above Spruce.  
 Pittsburg, Pa., April 4, 8 p. m.—Florists' and Gardeners' Club of Pittsburg, Fort Pitt Hotel, 10th street and Centre avenue.  
 Salt Lake City, Utah, April 4.—Salt Lake Florists' Club, Huddart Floral Co., 114 East Second South street.  
 Seattle, Wash., April 4.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., April 4, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue, north.  
 Utica, N. Y., April 6, 8 p. m.—Utica Florists' Club, Genesee Hall, Oneida square.  
 Washington, D. C., April 4, 8 p. m.—Florists' Club of Washington, 1214 P street, n. w.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Adv., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—Gardener, 12 years experience; Polish; married. Address Key 420, care American Florist.

**Situation Wanted**—As salesman and maker up in retail florist store in Chicago. State wages when writing. Key 422, care American Florist.

**Situation Wanted**—As working foreman in up-to-date retail place; life experience; exceptional references; married. Address J. H. 334 S. Patrick, Alexandria, Va.

**Situation Wanted**—By gardener on private place; Chicago preferred; 18 years experience; references in Germany, Switzerland and United States. Address Key 417, care American Florist.

**Situation Wanted**—As head gardener on good private place, or manager or foreman on good commercial place; thoroughly competent in all branches; married; best references; life experience. Address Box 236 Winnetka, Ill.

**Situation Wanted**—By florist having experience in growing roses, mums, carnations; and also has knowledge in growing pot plants; wishes steady position; first-class references. Address Key 424, care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address Key 392, care American Florist.

**Situation Wanted**—As head gardener or foreman in large commercial establishment; has a thorough knowledge of all branches of horticulture; a specialty in orchid culture. Address C. H. M., 13 East Broadway, Port Chester N. Y.

**Situation Wanted**—Middle age man, single, requires position as head gardener about 15th of April; experienced all around man; specialties, exotic plants, carnations (2 years former place) previous experience in Europe, private places and commercial. Reply stating wages. Address Key 416, care American Florist.

**Help Wanted**—At once, A 1 carnation grower for section. CHICAGO CARNATION CO., Joliet, Ill.

**Help Wanted**—An assistant on roses; must be hustler; steady position; wages \$14 per week. Key 421, care American Florist.

**Help Wanted**—An experienced plant grower to work under foreman; send references and wages expected to THOMAS ROLAND, Nabant, Mass.

**Help Wanted**—An experienced florist grower of general assortment of cut flowers and potted plants; good habits; 9,000 feet of glass; state wages. Address Key 423, care American Florist.

**Help Wanted**—Young man, experienced at potting and bedding out; must be sober, active and industrious; wages \$12 per week; references required. Address J. C. KENNISON CO., Sioux City, Iowa.

**Help Wanted**—One rose grower capable of taking charge of three houses Killarey and Richmond Must have A 1 references Good wages; good position for right man. Address Key 419, care American Florist.

**For Sale**—At a bargain if taken at once 5,000 ft. glass; no competition; can sell as much again as you can grow at good prices. DWIGHT GREENHOUSES, Dwight, Ill.

**For Sale**—Two excellent greenhouses, nearly new, each 23x15 ft.; room for three more houses; right in a city of 75,000 population, central New York; price low. Address Key 415, care American Florist.

**For Sale**—Owing to death of owner, a first class florist plant doing large business, located right in business district of this city, large property, 11,000 sq. ft. under glass. Price \$10,000.00; terms: Farmers Loan and Investment Co., St. Cloud, Minn.

**For Sale**—Three greenhouses 500 feet glass, good eight-room house, 2 barns in smart town, 8,000 population, no other within 26 miles; stock tools, horse and wagons all go. Price \$6,500, part cash. Send for book farm bargains. D. B. CORNELL CO., Great Barrington, Mass.

**For Sale**—Up-to-date retail flower store, established nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. P. KNORR 223 Bergenline Ave., Union Hill N. J.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBER, 941 Wrightwood Ave., Chicago, Ill.

**Open for Bargains or Territory**—Vacuum water heating system. Best and quickest system in existence. Heats large house with two radiators (800 sq. ft. radiation) in thirty minutes from cold water. Fifty per cent less piping supplies the radiation. A. T. HOTT Warren, O.

## FOR SALE

Small but good business; greenhouse, 25x50; cottage; 50 feet hot beds; in city limits in fast growing town in Oklahoma. No competition within 50 miles. \$1000.00 if taken at once. Address Key 425, care American Florist.

## FOR SALE CHEAP.

If taken at once. On account of ill health I will sell my greenhouse plant, consisting of 56,100 sq. ft. of glass, 15 acres of land, barn, living rooms, horse wagons, etc., with railroad switch on premises. This range is located within 30 miles of Chicago on three railroads, C. M. & St. P. Belt Line and C. M. Electric road. Will sell for one-third its cost with \$6,000 cash and the balance on easy payments; for further particulars call on or write JOSEPH ZISKA, 60 Wabash Ave., Chicago. New No. 151 N. Wabash Ave. Lue.

## Agents Wanted.

To sell Begonia Bulbs, for large Begonia grower in Ghent, Belgium; write

Key 413, care American Florist.

## WANTED.

At once, a first-class grower of mums, bulbs, potted plants, etc. Married man preferred. State wages wanted.

## RED ROCK ROSERY

37 Main Street, BRADFORD, PA.

## Nurseryman Wanted

An experienced nurseryman accustomed to shipping and checking orders. Must be strictly temperate; best of references required. State wages wanted.

THE ELIZABETH NURSERY CO.

Elizabeth, N. J.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## For Easter Business

Your Special Advertisements  
Should Appear in Next issue of

## The American Florist

Which Goes to Press April 5

Ten Days Before Easter

## Full of Easter Suggestions

IN PRINT AND PICTURE.

## LOOK OUT FOR IT

And Get Your Ad. in Early.



# Trade Directory

*Price \$3.00  
Postpaid.*



THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information. Published by the

## American Florist Co.

324 Dearborn St., Chicago, Ill., U. S. A.

*Contains  
570 Pages.*

# Trade Directory



A JUNE VIEW ON ONE OF THE MANY RANCHES OF

# Braslan Seed Growers Company

WHOLESALE GROWERS OF

**Lettuce, Onion, Radish,  
Carrot, Sweet Peas**

ILLUSTRATING OUR MOTTO:

**"Care in Selection  
Thoroughness in Operation"**

WE CORDIALLY INVITE YOUR INSPECTION

**San Jose, = California**





# DENVER PLANTS AGAIN!!

If you have bought of us before we feel sure you will buy again, for you know the stock has been right. Texas and Oklahoma points more quickly reached from DENVER than from any other plant supply, and at less transportation cost.

If the stock is satisfactory the above points should bring us your orders. If you have not bought of us before send us a part of your orders and compare goods and costs.



## Our Rambler Roses

are promising to be the best lot we ever had. Last year we were sold out early on small sizes. This year we have a much larger supply. **Tausendchon, Lady Gay, Crimson Rambler, Perkins, Newport Fairy, Hiawatha**, in all sizes, 75c, \$1.00, \$2.00 up to \$5.00.

**Baby Rambler** and **Phyllis**, 75c, \$1.00 and \$1.50.

**American Beauty**, 50c and 75c.

**Hydrangea Otaksa**, 75c, \$1, \$1.50

**Rhododendrons**, \$2.00 to \$3.50.

**Azaleas**, \$1, \$1.25, \$1.50, \$2.25 and \$5.00.

**Lilacs**, \$1.50 to \$2.50.

**Genistas**, 25c, 40c and 75c.

**Spireas Gladstone** (white)

**Queen Alex** (pink); good foliage and well flowered, 75c, \$1 and \$1.50.

**Callas**, 40c and 50c.

**Primula Obconica gigantea** is one of our specialties. Nothing better for your customers. Good stock at 25c, 50c, \$1.00 and \$1.50.



We have potted up some spring Bedding Plants and got them in bloom for Easter for those who need low priced plants.

**Salvias, Geraniums, Heliotropes and Marguerites** at 15c, 25c and 40c.

**Asparagus Plumosus and Sprengeri**, 15c 25c and 50c.

**Araucarias**, \$1.25 to \$5.00.

**Begonia Rex**, 25c and 40c.

**Farfugium**, (Leopard plant) 6-inch \$1.00.

**Ferns**, Boston and Whitmani, 5-inch 40c, 6-inch 60c.

**Ferns**, assorted 2 or 2½-inch for ferneries, \$6.00 per 100.

**Kentia Palms** in all sizes.

**Phoenix Roebelenii**, \$1.50 to \$7.50.

**Raphis flabelliformis**, \$3.00.



**Write us about young bedding stock for Spring. Our Pansies are from the very best strains of seed.**

Terms, cash with order or C. O. D. unless you already have an account with us.

# THE PARK FLORAL CO. Denver, COLORADO.



## Put Down These Facts About "Dorothy Gordon"

"DOROTHY GORDON" is a carnation of **tried and known worth**. First of all, we grew it ourselves 'or two years, to determine beyond question that it was as good as we thought—and we found that it lived up to every one of its promises.

Then, two years ago, we began selling rooted cuttings to other growers, all the way from Maine to Illinois.

We have kept them followed up, and find that, in the majority of cases, "Dorothy Gordon" has succeeded in a big way—that it is making **more flowers and better flowers**, and more money, than any other carnation they could grow.

"Dorothy Gordon" is particularly sturdy and vigorous—it is a seedling of Lawton on Enchantress with the strong constitution of both. Color light flesh pink; the flowers average three inches or more in diameter—and are of extra-good substance and form. It is in short, an exceptionally fine carnation, and brings correspondingly high price—25 to 50% more than "Enchantress," which we grew for years.

Get in line for a good fall business; start some "Dorothy Gordon" in your houses **now**. We offer strong rooted cuttings at

**\$6 per 100; \$50 per 1000.**

Come and look over our stock; our "latch-string is out" every week-day.

## Warm Days—Outdoor Decorations—Heacock's Palms

YOUR trade will be getting flower beds, etc., ready from now on just as fast as they can, with **that** out of the way, the next thought will be for permanent decorations for veranda and lawn. Most of them will think of Palms the first thing; these people won't need much coaxing to buy from you, if you can show a stock of Heacock's Home-Grown Palms—clean, healthy and well-grown.

You can help the other folks—those who aren't quite sure what they want in the way of outside stuff—by showing them some of Heacock's Palms, suggesting a few pleasing ways of arranging them and explaining how easy it is to keep them in good shape just by watering and sponging the leaves.

**We want your Palm business and we want to help you increase your Palm sales.** We have a bigger stock this year than ever—thousands of big, fine specimens and hundreds of thousands of little ones—every last one of them grown right here from the seed by palm specialists, and each given as much care as though it were the only one in our whole plant.

We'd like to tell you more about them and quote prices. Let us hear from you.

When in Philadelphia, be sure to look us up

**Joseph Heacock Company, Wyncote, Penna.**

RAILWAY STATION  
JENKINTOWN

# Easter Pot Plants



All winter long we have been developing our stock of Easter plants—**Blooming, Decorative, Bedding**—and they are now in such fine condition that we can offer them with the assurance that they will please you, please your customers and bring them back for more.

### BLOOMING STOCK.

#### Easter Lilies in Pots.

Per 100 flowers..... \$12.00  
Plants with 4 flowers and up.

#### Azalea Van der Cruyssen.

Each..... 75c., \$1.00, \$1.50, \$2.00 and \$2.50  
An especially fine lot of these.

Leave the selection to us and you will be satisfied.

#### Baby Rambler Roses.

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Pink</b>                      | <b>White</b>                     |
| 4-in. pots..... per doz., \$3.00 | 4-in. pots..... per doz., \$3.00 |
| 5-in. pots..... per doz., 4.00   | 5-in. pots..... per doz., 4.00   |

#### Spiraea Gladstone.

6-in. pots..... per doz., \$6.00

#### Japan Maples.

7-in. pots, nicely colored..... per doz., \$12.00

### SURPLUS BEDDING STOCK.

#### Ageratum.

3-in. pots..... per doz., 50c., per 100, \$4.00; per 1000, \$35.00  
Cuttings..... per 100, .50; per 1000, 5.00

#### Coboea Scandens.

3-in. pots..... per 100, \$ 4.00  
4-in. pots..... per doz., \$1.50; per 100, 10.00

Send for complete list of **Decorative Stock—Palms, Ferns, etc.**

**THE GEO. WITTBOLD CO.,**

737-39 Buckingham Place,  
Phone Graceland 1112

**CHICAGO**



# A. N. PIERSON, Inc. Cromwell, Conn.

Specialists on Young Stock for Greenhouse Planting

## NEW ROSES

|                                     | Per doz. | Per 25  | Per 50   | Per 100 | Per 250 | Per 1000 |
|-------------------------------------|----------|---------|----------|---------|---------|----------|
| Dark Pink Killarney, grafted.....   | \$3 00   | \$ 5 00 | \$10 00  | \$20 00 | \$45 00 | \$180 00 |
| Lady Cromwell, grafted.....         | 6 00     | 10 00   | 17 50    | 30 00   | 70 00   | 250 00   |
| Double Pink Killarney, grafted..... | 6 00     | 10 00   | 17 50    | 30 00   | 70 00   | 250 00   |
| Melody, own root.....               | 6 00     | 10 00   | 17 50    | 30 00   | 70 00   | 250 00   |
|                                     | Per doz. | Per 100 | Per 1000 |         |         |          |
| Prince de Bulgarie, grafted.....    | \$3 00   | \$20 00 | \$180 00 |         |         |          |
| " " " own root.....                 | 2 50     | 15 00   | 120 00   |         |         |          |
| Lady Hillington, grafted, 75c each  | 7 50     | 60 00   |          |         |         |          |
|                                     | Per doz. | Per 100 | Per 1000 |         |         |          |
| Radiance, grafted.....              | \$3 00   | \$18 00 | \$150 00 |         |         |          |
| " " " own root.....                 | 2 50     | 10 00   | 80 00    |         |         |          |
| Mrs. Aaron Ward, grafted.....       | 4 00     | 25 00   | 200 00   |         |         |          |
| " " " own root.....                 | 2 50     | 12 00   | 100 00   |         |         |          |

### STANDARD VARIETIES

Killarney, White Killarney, My Maryland, Richmond, Kaiserin, Bride, Bridesmaid, Ivory, Golden Gate, Uncle John, Mme. Hoste, Bon Silene, Mrs. Morgan, Rhea Reid. Grafted plants—\$2 00 per doz.; \$15 00 per 100; \$120 00 per 1000. Special prices quoted on 5,000 or more.

We will grow stock into 3-inch pots to order.

## CHRYSANTHEMUMS

The Best of the New Ones—Elise Papworth, R. H. Felton, White Helen Frick.

Rooted Cuttings.....\$ 8 00 per 100; \$75 00 per 1000  
From 2½-inch pots.....10 00 per 100; 90 00 per 1000

Choice Varieties—Patty, Dolly Dimple, Merza, Golden King, Merry Jane.

Rooted Cuttings.....\$1 00 per 100; \$30 00 per 1000  
From 2½-inch pots.....5 00 per 100; 40 00 per 1000

Choice Standard Varieties—Virginia Poehlmann, Lynwood Hall, Golden Chadwick, W. H. Chadwick, Beatrice May, Timothy Eaton, Nagoya, Morton F. Plant, W. E. Kelley, Golden Eagle, Winter Cheer, Yellow Eaton, J. Nonin. Rooted Cuttings.....\$3 00 per 100; \$20 00 per 1000  
From 2½-inch pots.....4 00 per 100; 30 00 per 1000

### General Collection of Standard Varieties

#### WHITE

Early—Geo. S. Kalb, Polly Rose, Early Snow, Ivory, Clementine Tonset.

Mid-season—Mrs. Clay Frick, Mrs. H. Robinson, Alice Byron, Miss Minnie Wanamaker, Heston's White, White Cloud. Late—White Bonaffon, Moneymaker.

#### PINK

Early—Glory of the Pacific, Pacific Supreme.  
Mid-season—Pink Ivory, William H. Duckham.  
Late—Maud Dean, Mayor Weaver, Dr. Enguehard.

#### YELLOW

Early—Monrovia, Golden Glow, Comoleto.  
Mid-season—Pitcher, Col. D. Appleton, Mrs. Wm. Duckham. Late—Major Bonaffon.

#### RED

J. H. Shrimpton, Merstham's Red, Intensity, Cullingfordi.  
Prices— Each Doz. Per 100 Per 1000  
Rooted Cuttings.....5c 50c \$2 00 \$15 00  
From 2½-inch pots.....5c 50c 3 00 25 00

### POMPONS

The Best of the Commercial Varieties—We can safely recommend all the Pompoms in the following list: Customers in ordering will please note that these prices are for plants from pots; no orders for rooted cuttings of Pompoms will be accepted.

#### WHITE

Baby Margaret, Alma, Baby, Rufus,  
Lula, Alena, Klondike, Julia Lagraver,  
Queen of Whites, Acto, Quinola, Lyndhurst,  
Nio, Eleganta. **POMPON ANEMONE**  
Jas. Boone. Garza.

Prices— Each Doz. Per 100 Per 1000  
From 2-inch pots.....5c 50c \$3 00 25 00

Not more than 5 varieties at the 100 rate.

250 in assortment, our selection, at the 1000 rate.

### ROSES ON THEIR OWN ROOTS

Killarney, White Killarney, Perle des Jardins, Sunrise, Richmond, My Maryland, Golden Gate, Ivory, Uncle John, Bride, Bridesmaid.

From 2½-inch pots.....\$6 00 per 100; \$50 00 per 1000

American Beauties—Strong plants from 2½-inch pots, ready for April delivery, \$8 00 per 100; \$75 00 per 1000

## BEDDING PLANTS

### COLEUS

Verschaffeltii—Standard crimson. Firebrand—Bright maroon. Golden Queen—Standard yellow. Lord Palmerston—Dark maroon. Queen Victoria—Cardinal red, with distinct golden border.

Beckwith's Gem—Center velvety maroon bordered with red; the edge green changing to creamy yellow at the point of leaf.

Prices—Rooted cuttings, by express.....\$0 75 per 100; \$ 7 00 per 1000  
Out of 2½ inch pots in May.....2 50 per 100; 20 00 per 1000

Less than 250 of a variety will be charged at the 101 rate.

Golden Bedder—Golden yellow, the old original, true to name.

Hero—Very dark maroon.

Messey—Dwarf pearl white and silver green.

Brilliant—A combination of red and gold.

Prices—Rooted cuttings by express.....\$1 00 per 100; \$ 8 00 per 1000

Out of 2½ inch pots.....2 50 per 100; 20 00 per 1000

Less than 250 of a variety will be charged at the 101 rate.

Fancy Varieties—A very fine assortment of twelve kinds not listed above.

Prices—Rooted cuttings.....\$1 00 per 100; \$ 8 00 per 1000

Out of 2½ inch pots.....2 50 per 100; 20 00 per 1000

Fancy varieties, either rooted cuttings or plants from 2½ inch pots, our selection, 250 at the 1000 rate.

### AGERATUM

Stella Gurney—Dwarf blue.....Per 100 Per 1000  
Princess Pauline—A combination of blue and white in same flower.....\$0 75 \$ 7 00

### ALTERNANTHERA

Red and Yellow—Rooted cuttings.....Per 100 Per 1000  
From 2½ inch pots.....\$0 75 \$ 6 00

Brilliantissima—A valuable new Alternanthera, red and yellow in color, with broad leaf, Strong grower. Rooted cuttings, \$1 25 per 100; \$10 00 per 1000. From 2½ inch pots, \$2 50 per 100.

### HELIOTROPE

Dark blue variety. Rooted cuttings.....Per 100 Per 1000  
Plants from 2½ inch pots.....\$1 00 \$ 9 00  
250, either plants or cuttings, at the 1000 rate.

### SALVIA

S. Splendens—Tall standard, one of the best. Rooted cuttings.....Per 100 1000  
S. Bonfire—Medium dwarf; very good. Rooted cuttings.....\$0 75 \$ 7 00

S. Zurich—Dwarf; an excellent variety. Rooted cuttings.....75 7 00

S. Schenley—Medium dwarf; very highly colored. One of the best. Rooted cuttings.....75 7 00

Salvia, from 2½ inch pots of these varieties, April and later delivery, \$2 50 per 100; \$20 00 per 1000. 250 of a variety, or in assortment as ordered, at the 1000 rate.

### BEGONIAS

Gloire de Lorraine, Strong, healthy plants, ready for April and later delivery.

2½ inch pots.....\$15 00 per 100; \$135 00 per 1000  
3 inch pots.....25 00 per 100; 2 00 per 1000  
4 inch pots.....35 00 per 100; 300 00 per 1000

Write for special price on large orders.

Glory of Cincinnati. A new Begonia with large, heavy foliage. Flowers in abundance. An excellent Christmas plant.

Strong, healthy plants for June and later delivery.

2½ inch pots.....\$20 00 per 100; \$150 00 per 1000

### ASPARAGUS HATCHERI

Prices of plants from 2½ inch pots—  
\$3 00 per dozen; \$15 00 per 100; \$100 00 per 1000. April delivery.

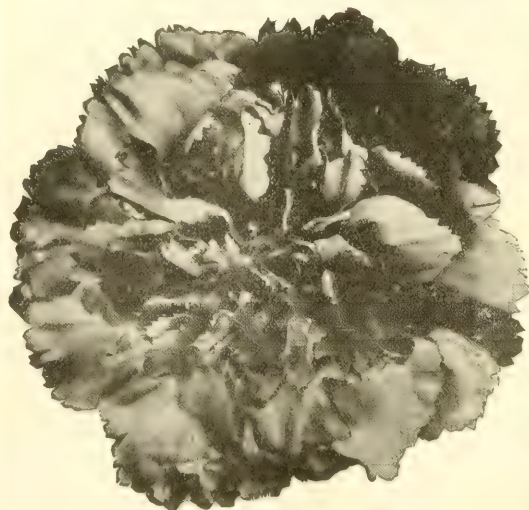
### PALMS and FERNS

Our Palm and Fern Department is up to its high standard of excellence. We call special attention to our *Adiantum Farleyense* and extra nice *Phoenix Roebelenii*.



# \$250 Net Profit on an Investment of \$75

## TO ALL WHO GROW WASHINGTON



Here is a statement that will remove any doubt you may have about this new carnation, **Washington**, which we prove is the most profitable for any florist to grow; furthermore you know the Enchantress family are the easiest to grow as well as being the "money makers."

### Let Us Consider the First Cost of the Plants

|                                                 |         |
|-------------------------------------------------|---------|
| 1000 Washington sport of Enchantress.....       | \$75 00 |
| 1000 Lawson or any other standard dark pink.... | 25 00   |
| Difference in cost.....                         | \$50.00 |

|                                                                                                                                                  |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Washington or Enchantress will average 20 blooms per plant per season at the low average of 3c per bloom, 60c per plant, 1000 plants.....        | \$600.00 |
| Lawson or other dark pinks will average 15 good blooms per plant per season at the high average of 2c per bloom, 30c per plant, 1000 plants..... | \$300 00 |

|                                                    |          |
|----------------------------------------------------|----------|
| Difference.....                                    | \$300.00 |
| Gain in profits for <b>Washington</b> .....        | \$300 00 |
| Difference in cost of <b>Washington</b> and Lawson | 50.00    |

**Washington** net gain per 1000 plants..... \$250.00

There is no use to argue, we show you plain figures that actually show you that an investment of \$75.00 will bring you \$250.00 or better clear profit in one season with less trouble or care than any other variety of dark pink.

**Washington** is a true sport of Enchantress, a beautiful cerise, the exact Lawson color.

Cuttings are strong clean and healthy, ready for immediate delivery. Order To-day. We Ship Tomorrow.

\$10.00 per 100; \$20.00 per 250; \$75.00 per 1000.

Now is the time to get your cuttings of **Washington** or Enchantress, as they keep growing; never get hard and give you the best results next season. Cuttings for our own use will be taken at this time. Order at once before they are all sold.

**Chicago Carnation Co.,**

35 RANDOLPH STREET,  
A. T. Pyfer, Mgr.

**Chicago**

# Easter Cut Flowers

Just what you need and should have—all varieties of the choicest flowers the market affords. Place your orders with us and you will then be able to supply your customers with the right stock at the right prices and at the right time.

## Easter Lilies, \$12.50 to \$15.00 per 100

### EASTER PRICE LIST

|                                             | Per dozen.        |                                                  | Per 100.         |
|---------------------------------------------|-------------------|--------------------------------------------------|------------------|
| American Beauties, extra select .....       | \$5 00            | Carnations .....                                 | \$2 00 to \$4 00 |
| " " 24 to 30-in. ....                       | \$3 00 to 4 00    | Daffodils, Jonquills .....                       | 3 00 to 4 00     |
| " " 18 to 20-in. ....                       | 2 50 to 3 00      | Sweet Peas .....                                 | 75 to 1 00       |
| " " 15-in. ....                             | 2 00              | Daisies .....                                    | 1 00 to 2 00     |
| " " 12-in. ....                             | 1 50              | Tulips .....                                     | 2 00 to 3 00     |
| " " short .....                             | 1 00              | Lily of the Valley.....                          | 3 00 to 4 00     |
|                                             |                   | Callas.....per doz., \$1.50 to \$2.00            |                  |
| Killarney .....                             | \$5 00 to \$12 00 | Adiantum .....                                   | 1 00             |
| Bride, Bridesmaid .....                     | 5 00 to 10 00     | Asparagus Plumosus strings, each 50c to 60c      |                  |
| Richmond .....                              | 5 00 to 10 00     | " " sprays, per bunch 35c to \$1.00              |                  |
| Chatenay .....                              | 5 00 to 10 00     | " Sprengerl .....                                | 3 00 to 6 00     |
| ROSES, OUR SELECTION.....                   | \$4 00            | Smilax.....per doz., \$1.50 to \$2.00            |                  |
| Violets, single .....                       | 75 to 1 00        | Mexican Ivy .....                                | 75               |
| Violets, double .....                       | 75 to 1 00        | Fancy Ferns, Select, per 1,000, \$3.50 to \$4.00 | 40               |
| Pansies .....                               | 1 00              | Galax, per 1,000.....                            | 1 00             |
| Pansies, extra long stems, with foliage.... | 1 50              | Boxwood.....per bunch, 25c to 35c                |                  |

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

**J. B. DEAMUD CO.,**

WHOLESALE FLORISTS  
160 N. Wabash Avenue,  
L. D. Phone Central 3155

**Chicago.**

# SEASONABLE STOCK



Weeping Mulberry.

## TREES

|                                                                                                           | Each   |
|-----------------------------------------------------------------------------------------------------------|--------|
| <i>Morus Pendula</i> (Weeping Mulberry), 3 yr., heads 5 ft. high, stems 1¼ to 1½ in. ....                 | \$1.25 |
| <i>Cherry</i> , Early Richmond and Dyebush, 1 to 1¼ in. stem, 6 to 8 ft. ....                             | 50     |
| <i>Acer Negundo</i> (Box Elder), 2 to 2½ in. stems, 8 to 10 ft. ....                                      | 1 00   |
| <i>Salix Americana</i> (American Weeping Willow), 1¼ to 1½ in. stems, 7 to 8 ft., nice heads, 1 25        |        |
| <i>Ulmus Montana Pendula</i> (Camperdown Weeping Elm), 2½ to 3 in. stems, 10 to 12 ft., 3-yr. heads, .... | 25     |
| <i>Populus Monilifera</i> (Carolina Poplar), 2 to 2½ in. ....                                             | 75     |

## SHRUBS

|                                                                                  | Each   |
|----------------------------------------------------------------------------------|--------|
| <i>Cornus Siberica</i> (Dogwood), 3¼ to 4 ft., bushy ....                        | \$0.25 |
| <i>Spiraea Sorbifolia</i> (Ninebark Spirea), 2½ to 3 ft. ....                    | 20     |
| <i>humbertii</i> , 2½ to 3 ft. ....                                              | 25     |
| <i>Symphoricarpos Racemosus</i> (Snowberry or Warberry), 4 to 5 ft., bushy ....  | 35     |
| <i>Symphoricarpos Vulgaris</i> (Indian Currant or Coral Berry), 2½ to 3 ft. .... | 20     |

## PERENNIALS

Field-grown, Strong Divisions, \$1.00 per doz.; \$8.00 per 100.

*Achillea* (The Pearl),  
*Millefolium Roseum* (Red Yarrow Rosey).  
*Boltonia asteroides* (False Chamomile).  
*Chrysanthemum Uliginosum* (Great Ox Eye or Giant Daisy).  
*Iris*, Japan, in assortment.  
*German* in assortment.  
*Lychnis haledonica* (Lamp Flower).  
*Monarda Didyma*, red (Oswego Tea or Bee Balm).  
    purple (Horse Mint).  
*Yucca Filamentosa* (Adam's Needle or Spanish Bayonet).  
*Dianthus*, or Garden Pink.  
*Ranunculus Acriis* Fl. Pl. (Yellow Batchelor Button).

## For Seedling Perennials

See Ready Reference Hardy Plants.

## BEDDING STOCK

|                                                                                                |                 |
|------------------------------------------------------------------------------------------------|-----------------|
| <i>Ageratum</i> , 3 in. ....                                                                   | \$4 00 per 100  |
| <i>Salvia</i> , 3 in. ....                                                                     | 4 00 per 100    |
| <i>Oleus</i> , Pfister Red, Pfister Yellow, Verschaffeltii, 3-in., 4 in. ....                  | 4 00 per 100    |
| <i>Ageratum</i> , Rooted Cuttings ....                                                         | \$5 00 per 1000 |
| <i>Salvia</i> , 2 in. ....                                                                     | 2 00 per 100    |
| <i>Alternanthera</i> , Red and Yellow, 2 in. ....                                              | 2 00 per 100    |
| <i>Cobea Scandens</i> , 4 in. ....                                                             | 10 00 per 100   |
| <i>Cannas</i> , 1-in., strong plants, Egandale, Chas. Henderson Chicago Wyoming, L. Patry .... | 8 00 per 100    |
| <i>English Ivy</i> , 4-in. ....                                                                | \$2 00 per doz. |
| "    3-in. ....                                                                                | 1 00 per doz.   |

## Easter Plants

|                                                                 |                               |
|-----------------------------------------------------------------|-------------------------------|
| <i>Spiraea</i> , Queen Alexandra, pink, 6 in. ....              | \$6 00 per doz.               |
| "    Gladstone, white, 6 in. ....                               | 6 00 per doz.                 |
| <i>Ranunculus</i> , pink and white, 4 in. ....                  | 3 00 per doz.                 |
| "    5 in. ....                                                 | 4 00 per doz.                 |
| <i>Geraniums</i> , 4 in., in bloom for Easter ....              | \$10 00 per 100               |
| <i>Cibotium Schiedei</i> , 7 in. ....                           | \$2 00 each                   |
| <i>Rhododendrons</i> , in bud, for Decoration Day forcing, .... | 1 00 each                     |
| <i>Lilacs</i> , 3 in. pots, white and lavender, in bloom, ....  | 1 50 each                     |
| <i>Lilies</i> , in pots, ....                                   | 12c per flower, buds included |



# THE GEO. WITTBOLD CO.'S

Edgebrook Greenhouses and Nurseries,

Edgebrook, Chicago, Ill.



# Easter Lilies

**AM. BEAUTIES, ROSES, CARNATIONS,  
SWEET PEAS, VIOLETS, Tulips, Daffodils.**

And all  
Other

**CUT FLOWERS**

In Large  
Supply

Extra Fine VALLEY Every Day in the Year.

All our stock is of First Quality and is bound to please.  
We also have a large stock of **Flowering Plants** and advise  
customers to place orders Early.

## Holton & Hunkel Co.,

The Best Equipped Wholesale House in the Country.

MILWAUKEE,

=

=

=

WIS.

## Plant Growers, Attention

LOTS OF CASH ON HAND

All who have plants suitable for the New York trade should call and see me personally

## CHARLES ABRAMS, FLORIST

Subway Station, Hoyt and Fulton Streets,  
**BROOKLYN, N. Y.**

Why deliver your plants and wait thirty days or longer for your money? I will pay spot cash on delivery. My system admits of no disputes and precludes all possibility of loss to you.

I need all kinds of **Flowering and Decorative Plants**, as I have charge of the flower and plant department in one of the largest department stores in Greater New York.

Only first-class stock can be used.

**I NEED LARGE QUANTITIES AT ALL TIMES.**

If your stock is right, you can dispose of your entire output to me.

Remember, your dealings with me will be on a strictly cash basis, so you will not have to worry about your account after the plants are delivered.

**AGAIN I SAY: COME AND SEE ME**

Come Direct to Headquarters for

# EASTER PLANTS

Wishing You a Joyful, Happy and Prosperous Easter

## Prepare for Easter

Unexpected business has prevented us from making an exhibit at the National Flower Show, Boston, March 25th. But I herewith invite all my customers and others who can find time to come to our establishment, to the great mill of plant production, and form your judgment of our great Easter stock in person. The Germantown and Chestnut Hill and Willow Grove trolley, at 18th and Eighth and Market streets, will take you direct to Ontario street. From there walk two squares east to 1012 W. Ontario street.

All florists should this Easter-time, come see my stock quite superfine: My glistening Araucaria, my Lilies strong and wondrous fair: Ferns, big and green no rival know. Bulbs of all sorts, the best I grow. There's not a flower you now can need, but I can sell you cheap indeed: Azaleas like a plant on fire, with blooms that fill the heart's desire: Choice Primroses with colors chaste. Palms grown to suit the highest taste. The spring-time jewels are my flowers, pictures of life that brighten ours: None fairer, better, you can find—I have the best of every kind.

## Spirea Gladstone.

What is a home, what is a store, what is a church, what is an Easter present, without having a few plants of the so much admired and so greatly in demand **Spirea Gladstone**, the pride of Holland? O, those charming sprays of beautiful pure white flowers! And the foliage, of such a beautiful waxy deep green is a jewel in itself! Mixed with beautiful lilies and other blooming plants they will complete the flower decoration for your happy, joyful Easter home of 1911. Knowing the great demand for these plants during past Easters, when not half the customers could be supplied, we are well prepared this year for the rush, and were fortunate in spite of the scarcity last fall in Holland. When other florists' supplies were cut short by Holland growers, we obtained enough of the bulbs to fill two houses with the choicest, and we are able to supply all incoming orders promptly. Price: 5½, 6 and 7 in. pots, full of buds and flowers, 35c, 50c, 75c to \$1.00 each: dozen or more, the same price. Some are as big as a small washbub.

## Cineraria Hyb. Grandiflora.

Readers, please just a minute, I wish to call your attention to one of our biggest houses filled with a big selection of that so much admired Easter novelty, the **Cineraria Hybrida Grandiflora**, which will have no equal in the flower market for Easter, 1911. If you are not fortunate enough to see them growing at our establishment, then just imagine you were promoted to a paradise, to a garden in Eden, standing before a mass of flowers in various beautiful colors. This is the condition one of our Cineraria houses represents at Easter-time. Our new improved strain, planted in 6-in. pots, of medium tall sizes, are unsurpassed in the size and color of the flowers. The flowers are about twice the size of the old ordinary varieties, has big heads of flowers, good foliage: some of the plants are as big as a small apple basket. Price: 6-in. pots, 25c, 35c, 50c, 75c to \$1.00 per plant: dozen or more, same price.

## Azalea Indica.

Remember we are headquarters for **Azalea Indica**, grown for us under contract in Ghent, Belgium, under my personal inspection, by going abroad every year and looking them over. **Azalea Indica**, Easter forcing: *Vervaeana*, *Deutsche Perle*, *President Oswald de Kerkove*, *Emperor of Brazil*, *Professor Wolters*, *Empress of India*, *Schryveriana*, double variegated 60c, 75c, \$1.00 to \$1.50; also *Mme Van der Cruyssen*, *Simon Mardner*, pink, *Niobe*, white, *Apollon*, red, and *Empress of Brazil*, 60c, 75c, \$1.00, \$1.25 to \$1.50; full of buds and flowers; right for Easter. In large plants we have *Niobe*, *Helena Thielman*, *Bernard Andreas Alba*, white, *Empress of India*, *Mme. Van der Cruyssen*, and others, \$1.50, \$2.00 to \$2.50.

**Adiantum Hybrida**, 6-in. pan, 25c to 30c.  
**Asparagus Sprengeri**, 2½-in. 3c; 4-in., 10c.



## Lilium Multiflorum.

We have Lilies this Easter (1911) to burn, to burn; they are crackjacks, to beat the band, the best in the land, the best in the land, the best in the land.

Three houses in **Lilium Multiflorum** the genuine Japan Easter Lily, better than ever before. Our own importation from our general grower in Japan, raised from 9-10 in. bulbs, started in 6-in. pots last October; have kept cold. Good, perfect foliage from bottom up. Plants medium size, and in all heights, from 5 to 10 buds to the plant, 10c per bud: plants under 5 buds, 12c per bud, just right for Easter. We have the finest lilies this year in Philadelphia and all over the country, is the town talk from florists and agents daily visiting our place. We never have seen anything like it," said two well-known growers from Cincinnati and Short Hills, N. J., the other day, when visiting our place together. We have three houses full in 6-in. pots, nicely stacked up, medium height, and can supply all applications.

On account of selling our lilies cheap, and most all florists know there is no profit in growing lilies (we only keep the good ones; the bad and the diseased ones we dump out fully 30 per cent every year), therefore we kindly ask our customers to buy a suitable portion of other plants in connection with lilies.

**Hyacinths** of our own importation, four best colors, *Gertrude*, best white; *King of the Blues*, best blue; *Grand Maitre*, light blue; *La Grandesse*, best white; 4-in. pots, in bud or bloom, \$12.00 per 100.

**Begonia Rex**, 5 to 5¼-in. pots, 20c to 25c.

## Araucarias Our Specialty.

We are the largest importers of these lovely decorative plants the **Araucaria Excelsa**, **Robusta Compacta** and **Glaucia**, the choicest last spring (1910) importation, ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the Araucarias in the future.

Look! Bargains in **Araucaria Excelsa**. Such low prices as are quoted below were never known in the history of Araucaria Excelsa. Just think! 6 to 7 inch pots, 4½ years old, 4½-6 tiers, 25-30-35-40 in. in height, for only \$1.00, \$1.25, \$1.50 to \$2.00 each. These prices are record-breakers—money makers for you.

**Araucaria Excelsa**, 6-7 in. pots, 5-6 tiers, 4-5 years old, 25-30-35-40 in. high, perfect tiers, green from bottom to top. Price \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

We also have the nicest **Araucaria Robusta Compacta** and **Excelsa Glaucia**, a house full, for only \$1.25, \$1.50 to \$2.00, worth double.

Our **Hydrangea Otaka** can't be beat: full of buds; right for Easter trade; every branch nicely stacked up, 2-3-4-5-6-7 heads to the plant, 6 in. pots, 50c; 7 in., 75c, \$1.00, \$1.25 to \$1.50.

**Dracena Bruniata**, 25 to 30 in. high, 6 in. pots, 40c to 50c. Highly recommended for store and house decoration: stands heat, cold and dust.

**Von Sion Daffodils** (double nosed), best double Narcissus in cultivation, three bulbs planted in a 5½ to 6 in. pot, \$2.50 per doz. pots.

**Tulips**, Tournecole double, red and yellow variegated and *Murillo*, beautifully shaded rose pink, three bulbs in one pot (4 in.), \$15.00 per 100 pots: \$1.80 per doz.

**Ipomoea Noctiflorum**, our so well-known pure white, waxy *Moonvine*, bearing flowers very fragrant and as big as *asaucor*, 2½-in. pots, will make good stock for you to propagate from, \$5.00 per 100.

**Latania Borbonica** (Chinese Fan Palma), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each.

**Kentia Forsteriana**, in fine shape, 6-in. pots, 30-35-40-45 in. high, 4-5-6 years old, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

**Kentia Belmoreana**, 30-35-40 in. high, 5-6-7-8 in. pots, 5-6 years old, \$1.25, \$1.50 to \$2.00 each.

**Kentia Belmoreana**, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25 to \$1.50; 4-in., 20 in. high, 20c to 25c.

Our Ferns this year are exceptionally very fine. **Boston**, **Scottii**, **Whitmanii** and **Scholezi**, 5½ and 6 in., 35c, 40 and 50c; 7 in., large bushy plants, 75c to \$1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember, all our Ferns are pot-grown, not lifted from benches—**Scottii**, **Whitmanii** and **Scholezi**, 8-in., 1.50.

**Neph. Glazefanii**, a new beautiful fern, an improvement on **Scottii**, much shorter and bushier than **Scottii**, 5½ in. pots, 30c; 3 in. pots, 25c.

**Ferns for Dishes**, big assortment, 2½-in. pots, at \$4.00 per 100.

**Crimson Rambler Roses**, 6-in. pots, 3 feet high, nicely bent down and staked up, 75c \$1.00, \$1.25 to \$1.50 each.

Mention if ship with or without pots.

Cash with order, please.

All plants must travel at purchaser's risk.

# GODFREY ASCHMANN

Wholesale Grower and  
Importer of Potted Plants,

1012 West Ontario St., PHILADELPHIA, PA.



# GREETING



SHIP US A1 STOCK  
We do the rest. THAT'S ALL.

## Roses and Carnations

**Large Supply for Easter Good Quality**

### American Beauties.

|                  | Per doz.         |
|------------------|------------------|
| Extra long ..... | \$5 00 to \$6 00 |
| 24-30-in. ....   | 4 00             |
| 20-in. ....      | 2 50             |
| 15-in. ....      | 1 50             |
| 12-in. ....      | 1 00             |

### Carnations.

|                          | Per 100          |
|--------------------------|------------------|
| Fancy .....              | \$5 00           |
| Good .....               | 4 00             |
| Splits .....             | 2 00 to 3 00     |
| Per 100                  |                  |
| LILY OF THE VALLEY ..... | \$3 00 to \$4 00 |
| TULIPS .....             | 3 00 to 4 00     |
| DAFFODILS .....          | 3 00             |
| PEAS .....               | 75 to 1 00       |
| ORCHIDS .....            | per doz. 5 00    |

### Richmond, Pink and White Killarney.

|                  | Per 100            |
|------------------|--------------------|
| Extra long ..... | \$10 00 to \$12 00 |
| Medium .....     | 6 00 to 8 00       |
| Short .....      | 4 00               |

### Easter Lilies.

|                 | Per 100            |
|-----------------|--------------------|
| Per dozen ..... | \$ 1 50 to \$ 2 00 |
| Per 100 .....   | 12 00 to 15 00     |

|                              |                           |
|------------------------------|---------------------------|
| ASPARAGUS SPRAYS .....       | per 100, \$2 00 to \$4 00 |
| SMILAX .....                 | per doz., 1 50 to 2 00    |
| ADIANTUM .....               | per 100, 75 to 1 00       |
| FERNS .....                  | per 1000, 3 00            |
| GALAX, Green or Bronze ..... | per 1000, 1 25            |

# GEORGE REINBERG

Wholesale Grower of Cut Flowers

L. D. Phone 1937 Central

162 N. Wabash Avenue, CHICAGO

# Decorating with Roses

The right time to buy roses is when they are fresh and well ripened. Roses potted up in the winter become better established and force better, and are more satisfactory in every way, and you can retard or force them at your leisure.

## Hardy Perpetual Roses

We offer extra-strong forcing two-year-old dormant, low-budded stock, in the following varieties, true to name:  
Price, 75c for 5 (one variety), \$13.00 per 100, \$120.00 per 1000 (immediate delivery).

Alfred Colomb. Carmine-crimson.  
Anne de Diesbach. Bright carmine.  
Ball of Snow (Boule de Neige). Large, pure white.  
Baron de Bonstetten. Blackish crimson.  
Baroness Rothschild. Satiny pink.  
Capt. Christy. Delicate flesh color.  
Clio. Satin bluish.  
Duke of Edinburgh. Bright vermillion.  
Fisher Holmes. Dark velvety crimson.  
Frau Karl Druschki. The finest white in existence.  
Gloire de Margottin. Dazzling red.  
Gen. Jacqueminot. Brilliant crimson.  
John Hopper. Bright rose.  
La France. Peach blossom pink.  
Mme. Charles Wood. Bright carmine.  
Margaret Dickson. White, with pale flesh center.  
Marshall P. Wilder. Cherry rose and carmine.  
Magna Charta. Dark pink.  
Mme. Gabriel Luizet. Light, satiny pink.  
Mrs. John Laing. Rich satiny pink.  
Mrs. Sherman Crawford. Deep rose pink.  
Paul Neyron. Lovely dark pink.  
Persian Yellow. Hardy yellow rose.  
Prince Camille de Rohan. Dark crimson-maroon.  
Soleil d'Or. Gold and orange to reddish gold.  
Ulrich Brunner. Cherry red.

For prices see above.

## English Moss Roses

Assorted. White, Pink, Red. Large dormant plants, from open ground. 75c for 5, \$14.00 per 100.

## Baby Rambler Roses.

PHYLIS. Very fine clear pink, highly recommended, \$1.25 for 5, \$20.00 per 100.  
PHYLIS (Grown as a Standard). \$2.00 for 5, \$35.00 per 100.  
BOSKOP BABY. Color beautiful shade of China rose, very free-flowering and easily forced. \$3.25 for 10, \$30.00 per 100.  
BABY DOROTHY. "Baby Dorothy," when planted out, flowers perpetually from Spring until Autumn. It makes an excellent pot plant for forcing. Price for strong, field-grown plants, 50c for 5, \$15.00 per 100.  
BABY DOROTHY (Grown as a Standard). For description see above. 60c each, \$4.75 for 10, \$45.00 per 100.  
CATHERINE SEIMETH. A very important novelty. A White Baby Rambler Rose, larger and better flowered than the type. White with yellowish center. It has the true rose perfume. 50c for 5, \$15.00 per 100.  
MRS. WM. H. CUTBUSH. A grand acquisition to the Baby Rambler class. Color intense crimson and exceptionally free-flowering. 50c for 5, \$15.00 per 100.  
MME. NORBERT LEVASSEUR (Baby Rambler). Strong, field-grown plants. 75c for 5, \$14.00 per 100.  
BABY RAMBLER (Grown as a Standard). The popularity of the Baby Rambler has suggested the growing of it as a tree or standard. 40c each, \$3.75 for 10, \$35.00 per 100.

## Ramblers and Other Climbing Roses.

CLIMBING BABY RAMBLER (Miss C. Messman). A novelty for 1911. Where the Baby Rambler is popular, the climbing type will soon become so too. We have a small stock and offer same as follows. It is a true Polyantha type, color deep rose. 50c each, \$2.25 for 5, \$40.00 per 100.  
GLOIRE DE DIJON. Color buff, orange center, very sweet-scented. Field-grown, \$1.50 for 5, \$22.50 per 100.  
CRIMSON RAMBLER. American Grown. The only stock for forcing. Large heavy plants, two years old, mossed and potted in bundles of 10, 3 to 5 feet, \$1.75 for 10, \$15.00 per 100; 4 to 6 feet, \$2.25 for 10, \$20.00 per 100; 7 to 8 feet, extra heavy, \$4.00 for 10, \$35.00 per 100.  
DOROTHY PERKINS. Resembles the Crimson Rambler, except in color, which is a lovely shell pink, holding a long time without fading. 4 to 5 feet, \$1.75 for 10, \$15.00 per 100; 8 to 9 feet, \$2.00 for 10, \$18.00 per 100.  
TAUSENSCHON. The new Rambler Rose. The name translated means a "thousand beauties." Color beautiful rose, shading to pink. \$1.75 for 10, \$15.00 per 100.  
TAUSENSCHON (Grown as a Standard). Fine for forcing. 40c each, \$3.75 for 10, \$35.00 per 100.

## Something New in Roses for Florists

### Half Standard Baby Ramblers

These are Baby Ramblers, grown on stems or standards about one and one-half feet high, and will be a novelty for your trade you cannot profitably overlook. Easily forced. They are offered in the following varieties:

BABY DOROTHY (Half Standard). Deep pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY RAMBLER (Half Standard). Crimson. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY CATHERINE SEIMETH (Half Standard). White. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY "STARS AND STRIPES" (Half Standard). White and red, grafted on the same plant; most attractive. 45c each, \$4.50 per doz., \$35.00 per 100.  
PHYLIS (Half Standard). Carmine pink. 45c each, \$4.50 per doz., \$35.00 per 100.  
TAUSENSCHON (Half Standard). Soft pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
MRS. CUTBUSH (Half Standard). Rose pink. 40c each, \$4.00 per doz., \$30.00 per 100.

## English Grown Hybrid Tea, or Ever-blooming Roses, etc.

Hybrid Tea or Everblooming Roses are becoming more popular every year. As hardy as the perpetuals, with almost perfect winter, they give a wealth of bloom all through the summer months and late in the fall till frost checks them.

THE GRAND ROSE LYON. Originated by the raiser of Etoile de France. Perpetual flowering. Vigorous grower. The blooms are very large with broad petals, full and globular in form; shrimp-pink at the ends of the petals, center coral-red or salmon-pink shaded with chrome yellow. Very fragrant. 40c each, \$1.75 for bundle of 5; \$22.50 per 100.

THE KILLARNEY ROSE. This is a grand Rose for either indoor or outdoor cultivation; is a strong grower and the blooms, which are of a beautiful pink, are borne in great profusion. Strong, 2-year-old field-grown stock, \$1.25 for bundle of 5; \$22.50 per 100.

MAMAN COCHET ROSES. The best of all Roses for summer-flowering and cutting. Maman Cochet (Pink). Color a clear, rich pink, changing to silvery rose, very double and fragrant. Maman Cochet (White). A sport from the above, with all its characteristics; color a beautiful snow-white, at times tinted with the faintest suggestion of blush, the same as is often found in the Bride. \$1.25 per bundle of 5; \$22.50 per 100.

ROSE, ETOILE DE FRANCE. Flowers large, possessing petals of very good substance; magnificent cupped form. Superb crimson velvet, the center of the bloom vivid coral-red. The flowers are very fragrant and last very long. The Queen of the Everblooming Red Roses. The most free-blooming and vigorous Red Rose ever introduced. Strong, 2-year-old plants, field-grown, \$1.25 for bundle of 5; \$22.50 per 100.

BESSIE BROWN. Creamy white, \$2.50 for 10; \$22.50 per 100.

GRUSS AN TEPLITZ. No Rose in commerce can compare with this as a bedder. It is a perfect sheet of richest crimson-scarlet all summer. A strong, vigorous grower, \$1.75 for 10; \$15.00 per 100.

VISCOUNTESSE FOLKESTONE. A large, full flower of creamy pink, shading to deep salmon-pink at the center; very floriferous, \$1.25 for 5; \$22.50 per 100.

HERMOSA. Soft pink; flowers full and freely produced; a good grower, \$1.25 for 5; \$22.50 per 100.

RICHMOND. The well known Red Rose of commerce, \$1.25 for 10; \$22.50 per 100.

PRESIDENT CARNOT. Almost pure white Rose, shading to soft pink; very distinct and excellent for indoor or outdoor summer growing, \$1.25 for 5; \$22.50 per 100.

BETTY. Copper, yellow, overspread with golden rose. A fine formed Rose, large and moderately full, \$1.75 for 5; \$25.00 per 100.

MADAME ABEL CHATENAY. Carmine-rose, shaded salmon-pink. \$2.50 for 10; \$22.50 per 100.

MILDRED GRANT. Cream, with a faint blush of pale rose, \$2.50 for 10; \$22.50 per 100.

AMERICAN BEAUTY. Almost too well known for description, but as popular today as twenty years ago. Rose carmine, shaded salmon, flowers large and full; very floriferous. Strong field-grown plants, 75c for bundle of 5; \$14.00 per 100.

CAROLINE TESTOUT. Bright satiny rose, with brighter center, large, full and globular; sweet scented, \$1.25 for bundle of 5; \$22.50 per 100.

We carry a much larger list of Hybrid Teas in our retail catalog which will be sent on application.

KAISERIN AUGUSTA VICTORIA. An almost pure white Rose. Shaded a beautiful primrose. Fine for indoor or outdoor summer-blooming. \$1.25 for bundle of 5; \$22.50 per 100.

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Orders taken now for delivery May 1st.

### Standard or Tree Shaped

| Stems     | Crowns    | Each    | Pair    |
|-----------|-----------|---------|---------|
| 38-40 in. | 22-24 in. | \$ 6 50 | \$12 00 |
| 42-46 in. | 24 in.    | 6 75    | 12 50   |
| 45-48 in. | 26 in.    | 7 50    | 14 00   |
| 45-48 in. | 28 in.    | 8 00    | 15 00   |
| 45-48 in. | 30 in.    | 10 00   | 18 00   |
| 45-54 in. | 34 in.    | 12 00   | 22 00   |
| 46-54 in. | 40 in.    | 15 00   | 28 00   |

### Dwarf Standards

| Stems     | Crowns    | Each    | Pair    |
|-----------|-----------|---------|---------|
| 24-30 in. | 24-26 in. | \$ 7 50 | \$14 00 |

### Pyramidal Shaped.

| Diameter at base | Each      | Pair    |
|------------------|-----------|---------|
| 5 ft. high.      | 24-26 in. | \$ 8 00 |
| 6 ft. high.      | 26-28 in. | 10 00   |
|                  |           | 15 00   |

## AMPELOPSIS VEITCHII

|                   | Each   | Doz.   | 100     |
|-------------------|--------|--------|---------|
| 2 year-old plants | \$0 15 | \$1 75 | \$12 00 |
| 3 year-old plants | 20     | 2 00   | 15 00   |

### Ampelopsis Engelmanni

|                   | Each   | Doz.   | 100     |
|-------------------|--------|--------|---------|
| 2 year-old plants | \$0 15 | \$1 50 | \$12 00 |
| 3 year-old plants | 25     | 2 40   | 15 00   |
| 4 year-old plants | 30     | 3 00   | 20 00   |

## Clematis—Large Flowering

| 2 yr. ea. | \$0 30; doz. | \$3 00; per 100 | \$20 00 |
|-----------|--------------|-----------------|---------|
| 3 yr. ea. | 40; doz.     | 5 60; per 100   | 28 00   |

Beauty of Worcester. Miss Bateman.  
Gypsy Queen. Nellie Moser.  
Henryii. Siebold.  
Jackmanni. "Vile de Lyon."  
Mme Baron Veillard.

## BOX TREES

Order now for immediate delivery.

### Pyramidal Shaped

|              | Each   | Pair   |
|--------------|--------|--------|
| 2½ ft. high. | \$2 00 | \$3 75 |
| 3 ft. high.  | 2 50   | 1 50   |
| 3½ ft. high. | 3 00   | 5 50   |
| 4 ft. high.  | 4 00   | 7 50   |
| 5½ ft. high. | 7 50   | 14 00  |

### Standard or Tree Shaped

| 18-26 in. stem. | 18-20 in. crown. | Each   | Pair   |
|-----------------|------------------|--------|--------|
| 18-26 in. stem. | 24 in. crown.    | \$3 00 | \$5 50 |
|                 |                  | 4 50   | 8 00   |

### Globe Shaped

| 15 in. high. | 15 in. in diameter. | \$2 25 | \$4 00 |
|--------------|---------------------|--------|--------|
| 18 in. high. | 18 in. in diameter. | 2 75   | 5 00   |

Prices include green tubs.

10 per cent discount if wanted out of tubs.

### Bush Shaped

Prices do not include tubs.

|                 | Each            | Doz.          | 100              |
|-----------------|-----------------|---------------|------------------|
| 10-12 in. high. | 10-12 in. high. | \$0 30        | \$3 00           |
| 12-15 in. high. | 12-15 in. high. | 35            | 3 50             |
| 12-15 in. high. | 10-12 in. diam. | 60            | 6 00             |
| 18 in. high.    | 18 in. high.    | 60            | 6 00             |
| 20-24 in. high. | 20-24 in. high. | 75            | 8 00             |
| 24 in. high.    | 24 in. high.    | 1 00          | 10 00            |
| 30 in. high.    | 30 in. high.    | each, \$2 50; | per pair, \$4 50 |

## Clematis Paniculata

| Seedlings from flats... | Each    | Doz.    | 100   |
|-------------------------|---------|---------|-------|
| 1 year-old seedlings    | \$0 50  | \$ 2 50 |       |
| from 2-in. pots         | 60      | 4 00    |       |
| Per 1000                |         |         |       |
| 2 yr.-old clumps.       | \$90 00 | 15      | 1 50  |
| 3 yr.-old clumps        |         | 20      | 15 00 |
| 4 yr.-old clumps        |         | 35      | 3 60  |
|                         |         |         | 25 00 |

## Extra Choice Field-Grown Stock.

Each, 25c; dozen, \$2.00; per 100, \$15.00.

|                   |                     |                         |
|-------------------|---------------------|-------------------------|
| American Beauty.  | Frau Karl Druschki. | Lady Ashtown.           |
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| Dorothy Perkins.  | Gross an Teplitz.   | Philadelphia Rambler.   |
| Farben Konigen.   | La France.          | Rugosa Alba.            |
|                   | Rugosa Rubra.       |                         |

| Each   | Doz.    | Per 100 | Each   | Doz.  | Per 100 |
|--------|---------|---------|--------|-------|---------|
| \$2 00 | \$15 00 |         | \$5 50 |       |         |
| 3 00   | 20 00   |         | 3 00   | 22 00 |         |
| 2 50   | 20 00   |         | 2 50   | 20 00 |         |
| 5 50   | 40 00   |         | 3 00   | 20 00 |         |
| 2 50   | 18 00   |         | 3 50   | 27 50 |         |
| 2 50   | 20 00   |         | 2 50   | 20 00 |         |

Unless noted, all the above varieties are 2 year dormant stock, budded. Besides the above, we can supply pot-grown stock of all the **Novelties** and **Standard Varieties**. Write for prices.

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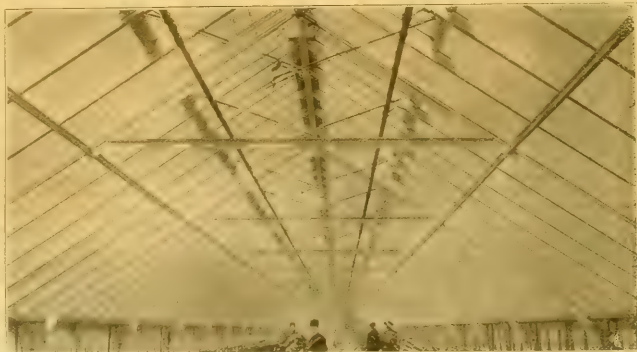
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**N**OTE the substantial construction of the two houses to right—they are built to last a half a century with proper care and are as near perfect as ever houses were built and are the pride of Mr. Barber and his gardener, Mr. Scott, recently from England.

**N**OTE below, the very neat and entirely substantial steel frame without belly rod or strut, for houses up to 20-ft. wide, these are amply strong—cast little or no shade and are inexpensive.



**N**OTE in center picture below construction of single house 30-ft. wide, with Galvanized Steel Gutter both sides—side sash also—same general construction in single as in double houses.

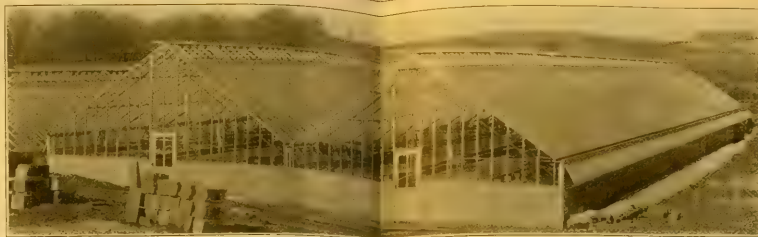
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**M**R. O. C. BARBER, of Barberton, Ohio, desirous of engaging in Grape and Peach Culture and wanting up-to-date greenhouses has installed two double houses as shown in cut at top of page—each house 30x157; two single houses 30x157, as shown on bottom of page, and one smaller single house, 18x157. These houses are all substantially built on concrete foundation with hollow cement block walls—all houses supported on 2-in. Galvanized Pipe Posts with the Foley Galvanized Steel Channel Gutters with Concentric Wood Sills and rafters of Louisiana Red Gulf Cypress. All houses have two rows of Ventilation and Side Sash throughout operated by Foley Ventilating Machines.

The 30-ft. houses are built with extra strong steel frames and heavy trusses—trusses attached to pipe posts, independent of gutters. The smaller house is a substantial steel frame without any trusses—all the steel work and iron work being galvanized—and all being built stronger than required for flower culture as the roofs are designed to carry tons of weight in

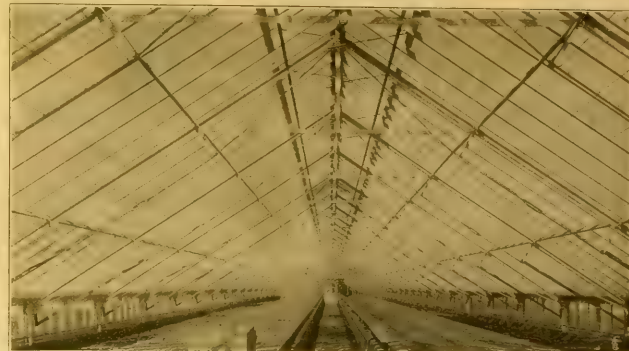
vines and fruit in years to come, as well as to withstand the wind pressure, snow loads, etc. There are no interior supports other than stated above. Should Mr. Barber at any time desire to he can turn these houses into good commercial houses for cut flowers or plants.



**B**ELOW please take notice of the very powerful yet neat and light truss work, special connecting arms were made for connecting trusses to 2-in. pipe posts—these trusses **are trusses** and not imitations or flimsy make-shifts—all who use our trusses will tell you this.

**W**e are now at work on the material for a range of vegetable houses to be built on Mr. Barber's Anna Dean farm at Barbertown—there being in this range six houses 800 feet long made of Foley's Unequaled Louisiana Red Cypress—**Air Dried**.

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Mr. Barber is a great lover of nature in all her phases, and when his plans are fully matured Anna Dean farm will be as near to Eden as human hands can work.

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|         |        |
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| 18x5x3  | \$1.75 |
| 21x5x3  | 1.85   |
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| 24x8x5  | 3.50   |
| 28x8x5  | 3.70   |
| 30x8x5  | 4.50   |
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| 30x12x6 | 6.25   |
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|        |         |
|--------|---------|
| Boxes  | Per 100 |
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|                  | Per doz.         |
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| Extra long ..... | \$5 00 to \$6 00 |
| 24-30-in. ....   | 4 00             |
| 20-in. ....      | 2 00 to 3 00     |
| 15-in. ....      | 1 50             |
| 12-in. ....      | 1 00             |

## Rhea Reid

| <b>Rhea Reid</b>        |           | Per 100 |
|-------------------------|-----------|---------|
| Extra long select ..... |           | \$15 00 |
| Good length .....       |           | 12 00   |
| Medium length .....     | \$8 00 to | 10 00   |
| Short .....             |           | 6 00    |

## Carnations

| <b>Carnations</b>                    |           | Per 100 |
|--------------------------------------|-----------|---------|
| Extra long fancy O. P. BASSETT ..... |           | \$5 00  |
| Fancy white.....                     | \$4 00 to | 5 00    |
| Fancy pink.....                      | 4 00 to   | 5 00    |
|                                      |           | Per 100 |
| <b>LILY OF THE VALLEY</b> .....      | \$3 00 to | \$4 00  |
| <b>FANCY DOUBLE TULIPS</b> .....     |           | 4 00    |
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| <b>SWEET PEAS</b> .....              |           | 1 00    |

## Pink Killarney and Richmond

|                         | Per 100            |
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| Good length .....       | 8 00               |
| Medium length .....     | 6 00               |
| Short .....             | 4 00 to 5 00       |

**White Killarney, Brides,  
Maids, Perles**

| Maids, Perles           |           | Per 100 |
|-------------------------|-----------|---------|
| Extra long select ..... |           | \$10 00 |
| Good length.....        | \$7 00 to | 8 00    |
| Medium length .....     |           | 6 00    |
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### Extra Fine Easter Lilies

|                 |                    |
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| Per dozen ..... | \$ 1 50 to \$ 2 00 |
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### ASPARAGUS SPRAYS

|                              |           |         |      |
|------------------------------|-----------|---------|------|
| STRINGS.....                 | per doz,  | 1 00 to | 2 00 |
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| 30 to 36 in.            |  | \$5.00 to \$6.00  | Harrisii Lilies    |       | 12.50 to 15.00 |
| 24 to 30 in.            |  | 4.00              | Calla Lilies       |       | 12.50 to 15.00 |
| 18 to 24 in.            |  | 2.00 to 3.00      | Valley             |       | \$3.00 to 4.00 |
| 12 to 15 in.            |  | 1.50 to 2.00      | Mignonette         |       | 4.00           |
| 8 to 12 in.             |  | 1.00              | Sweet Peas         |       | .75            |
| Brides                  |  | \$4.00 to \$10.00 | Jonquils-Daffodils |       | 3.00           |
| Maids                   |  | 4.00 to 10.00     | Violets (Locals)   |       | .75 to 1.00    |
| Richmonds               |  | 4.00 to 12.00     | Adiantum           |       | 1.00 to 1.50   |
| Killarney (White, Pink) |  | 4.00 to 12.00     | Asparagus Strings  | each  | .50 to .60     |
| My Maryland             |  | 4.00 to 12.00     | Sprengerii, bunch  | each  | .35 to .50     |
| Perles                  |  | 4.00 to 7.00      | Smilax             | dozen | 1.50 to 2.00   |
| Roses, our selection    |  | 5.00              | Galax              | 1000, | 1.25           |
| Carnations, medium      |  | 3.00              | Ferns              |       | 2.50           |
| "    fancy              |  | 4.00 to 5.00      | Leucothoe, per 100 |       | .75            |
|                         |  |                   | Boxwood, per bunch |       | .35            |

# E. H. HUNT

76-78 Wabash Ave., New No. 131 N. Wabash Ave., Chicago  
Phone Central 1751.

#### Chicago.

#### A BOUNTIFUL SUPPLY.

A visit to the stores and flower stands in the market finds every one bountifully supplied with all the different spring flowers, and of almost everything there is more stock than is required and it is becoming difficult to dispose of all that arrives and in some cases the quantity accumulates rapidly. A glance into the refrigerators sees them full of excellent stock awaiting the purchaser. The trade with the retailers is rather light, the greatest call being for funeral work with the demand for social entertainments not as large as during the early winter months. The prices of all flowers is consequently low and the buyer who can handle a large quantity of almost anything has no trouble in obtaining all the stock desired, and at about his own figures. The retail stores are taking advantage of the lower prices and making beautiful window displays, especially of bulbous stock and the early Easter plants are seen, some very handsome azaleas and rhododendrons being shown in the stores. The boxes of tulips and narcissus trimmed with crepe paper are very decorative and give the window a spring garden effect. Roses are now coming in large quantities and of splendid quality. American Beauties are more plentiful, especially the shorter grades, and prices upon this stock have fallen. Killarney, White Killarney, My Maryland and Richmond are being received in vast quantities and the stock is elegant, but the shorter grades are at times a little druggy. Mrs. Jardine and Mrs. Marshall Field are of excellent quality and in great quantity. Of the other tea and hybrid tea roses, Bride and Bridesmaid are in full crop and plenty of Rhea Reid,

## CURRENT PRICES

| American Beauties                     |  | Per doz.             | Carnations                     |                  | Per 100        |
|---------------------------------------|--|----------------------|--------------------------------|------------------|----------------|
| Specials                              |  | \$5.00               | Fancy                          |                  | \$3.00         |
| 36-inch                               |  | 5.00                 | Common                         |                  | 2.00           |
| 30-inch                               |  | 4.00                 |                                |                  |                |
| 24-inch                               |  | 2.50                 |                                |                  |                |
| 18 to 20 inch.                        |  | 1.50                 |                                |                  |                |
| 12 to 15 inch.                        |  | 1.00 to 1.25         | Orchids, Cattleyas, per doz.   | \$4.00 to \$6.00 |                |
| Short stem, per 100, \$4.00 to \$6.00 |  |                      | Harrisii and Callas, per doz.  | \$1.50           | \$10.00        |
| Killarney                             |  | Per 100              | Jonquils                       |                  | 3.00           |
| Select                                |  | 10.00                | Daffodils                      |                  | 3.00           |
| Medium                                |  | 6.00 to 8.00         | Tulips                         |                  | \$3.00 to 4.00 |
| Good Short                            |  | 4.00                 | Valley                         |                  | 3.00 to 4.00   |
| Richmond                              |  | Per 100              | Violets, double                |                  | 60 to 75       |
| Select                                |  | 10.00                | "    single, Princess of Wales |                  | 75             |
| Medium                                |  | 6.00 to 8.00         | "    single, California        |                  | 50             |
| Good Short                            |  | 4.00                 | Mignonette, large spikes       |                  | 4.00           |
| My Maryland                           |  | Per 100              | Sweet Peas                     |                  | 75             |
| Select                                |  | 10.00                | Spanish Iris                   |                  | 6.00 to 8.00   |
| Medium                                |  | 6.00 to 8.00         | Adiantum Croweanum             |                  | 1.00 to 1.50   |
| Good Short                            |  | 4.00                 | Smilax per dozen               | \$1.50 to \$2.00 |                |
| White Killarney                       |  | Per 100              | Sprengerii, Plumosus Sprays    |                  | 3.00 to 4.00   |
| Select                                |  | 10.00                | Plumosus Strings               | each             | \$0.60         |
| Medium                                |  | 6.00 to 8.00         | Ferns                          | per 1000,        | 3.00           |
| Good Short                            |  | 4.00                 | Galax                          | per 1000,        | 1.00           |
| Perle                                 |  | Per 100              | Leucothoe                      |                  | 75             |
| Long                                  |  | 6.00                 | Boxwood                        | per bunch,       | 35             |
| Medium                                |  | 4.00                 | "    per case of 50 lbs.,      |                  | 7.50           |
| Our Extra Special grade Roses         |  | charged accordingly. |                                |                  |                |

Poehlmann Bros. Co., Long Distance Phone Randolph 38, Chicago  
33-35-37 Randolph St.,  
Our new address on and after April 1st will be 32-34-36 Randolph St.

Perle des Jardin and Uncle John. Carnations are over plentiful and on some days there appears to be a glut of the divine flower. Enchantress especially being received in large quantities. There is a good call for white carna-

tions, but there is also plenty to go around. Bulbous stock is at times over plentiful, large consignments of tulips, hyacinths and narcissus being received, and added to those produced at the home market, are large quantities of

# Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

OUR NEW NUMBER, ON AND AFTER APRIL 1st, 32-34-36 EAST RANDOLPH STREET

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

## EASTER LILIES

**They Will Be in Full Bloom for Easter.**

80,000 to 100,000 clean, healthy plants with luxuriant foliage are ready for Easter booking now, at the following prices; all shipments made direct from our greenhouse, if desired.

**Pot Lilies** Carefully crated and wrapped to keep clean and protected; shipped in paper pots if so ordered. No extra charge for packing.

Extra select plants, per bloom.....\$15.00 per 100  
Choice plants, per bloom.....12.00 per 100  
Short plants, per bloom.....10.00 per 100

**Cut Easter Lilies**

Large, magnificent blooms in quantity to meet all demands. Send along your order; will fill it to your satisfaction.

Extra select, long,.....per 1000, \$125.00; per 100, \$15.00  
Choice,.....per 1000, 100.00; per 100, 12.00  
Short,.....per 1000, 80.00; per 100, 10.00

**Plenty of all Other Seasonable Stock.**

**Orchids, Valley, Sweet Peas, Easter Lilies, Spring Flowers, Short and Medium Roses** enough to fill all orders.

**OUR EASTER PRICES, in Effect April 10th, Subject to Change Without Notice.**

### AMERICAN BEAUTIES Per Doz.

Specials.....\$6.00  
36-inch.....5.00  
30-inch.....4.00  
24-inch.....2.50  
18 to 20-inch.....1.50  
12 to 15-inch.....\$1.00 to 1.25  
Short stem.....per 100. 4.00 to 6.00

### KILLARNEY, special Per 100.

Fancy.....10.00  
Medium.....\$6.00 to 8.00  
Good Short.....4.00

### RICHMOND, special.....\$12.00

Fancy.....10.00  
Medium.....\$6.00 to 8.00  
Good Short.....4.00

### MY MARYLAND, special.....12.00

Fancy.....10.00  
Medium.....\$6.00 to 8.00  
Good Short.....4.00

### WHITE KILLARNEY, special.....12.00

Select.....10.00  
Medium.....\$6.00 to 8.00  
Good Short.....4.00

### PERLE, long.....6.00

Medium.....4.00

Our Extra special grade Roses charged accordingly.

### CARNATIONS, fancy Per 100.

.....5.00  
" firsts.....4.00  
" common.....3.00

### ORCHIDS, Cattleyas, per doz.....\$4.00 to 6.00

CALLAS, per doz., \$2.00.....12.00 to 15.00

### JONQUILS.....3.00

### DAFFODILS.....3.00

### TULIPS.....\$3.00 to 4.00

### SPANISH IRIS.....6.00 to 8.00

### VALLEY.....3.00 to 4.00

### VIOLETS, double......75

### VIOLETS, Single, Princess of Wales.....1.00

### VIOLETS, single, California......50

### MIGNONETTE, large spikes.....4.00

### SWEET PEAS......75

### ADIANTUM CROWEANUM.....\$1.00 to 1.50

### SMILAX.....per doz., 1.50 to 2.00

### SPRENGER, PLUMOSUS SPRAYS 3.00 to 4.00

### PLUMOSUS STRING.....each .60

### FERNS.....per 1000 3.00

### GALAX.....per 1000 1.25

### LEUCOTHOE.....per 100 .75

### BOXWOOD, per bunch, 35; per case of 50 lbs 7.50

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISH LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other.



# ROSES

Extra fancy KILLARNEY, WHITE KILLARNEY,  
RICHMOND, BRIDE, BRIDESMAID, and  
AMERICAN BEAUTIES.

## EASTER LILIES

Cut or in pots, write for prices. We will have a large quantity of both and would be pleased to book your order now. We have the **Best Stock in the Chicago Market--Bar None.**

# HOERBER BROS.

Wholesale Growers of Cut Flowers

51 Wabash Ave., Long Distance Phone,  
Randolph 2758.  
Automatic 41770. **CHICAGO.**

outside grown blooms from the south. Lilies and callas are also in large supply and the prices are low. Cattleyas are not in so bountiful supply as they were, but there is plenty to meet all the demand, and they as well as other orchids are feeling the downward tendency of the market. Sweet peas are being sent in in large quantities, much of the stock is short stemmed, but some extra grade blooms are to be obtained, and the price is cheap. Violets are beginning to show the effects of the brighter sun, and are losing size, color and keeping qualities. Lily of the valley is in plentiful supply, but the prices hold up well and some very nice white lilac is to be had. There is some extra fine mignonette to be obtained which brings a fairly good price, but the small grade is like the rest of the stock, cheap. Spanish iris are a feature in the store windows, and with the Poeticus narcissus add to the great display to be seen at this season. Greens are in good supply, but the prices of this stock hold very firm.

#### NOTES.

The S. Wilks Manufacturing Co., 2503 Shields avenue, have in preparation a catalogue illustrating their new style hot water greenhouse boiler, which they expect will be ready for distribution soon.

At Wiator Bros.' store the stock is arriving in splendid condition and in large quantities. The Mrs. Jardine roses are of an extra fine grade and a pride of the proprietors and growers.

Zech & Mann are supplying their customers with a fancy grade of Killarney, White Killarney and Richmond roses. Carnations are arriving in quantity and of unsurpassed quality.

Henry Roth, the enterprising florist of Lafayette, Ind., has placed an order for a number four boiler with the Su-

perior Machine & Boiler Works, of this city.

Geo. Reinberg is cutting a large quantity of carnations and roses. The Richmond roses are particularly noticeable, and of extra fine quality.

Chas. W. McKellar is the recipient of large consignments of Princeps narcissus from the Hubert Bulb Co., of Portsmouth, Va.

Ernest Farley has accepted a position with the J. B. Deamud Co. and entered upon his duties March 24.



## ORCHIDS

For Easter

I will have a fine lot of Cattleyas, Dendrobiums, assorted Orchids, Gardenias, Lilies, Roses, Carnations, Bullous flowers and all seasonable cut flowers and decorative Greens, Supplies of all kinds. Send for complete price-list, pot plants of all kinds. Let me book your order now on all your requirements.

**CHAS. W. MCKELLAR**

51 Wabash Avenue,  
**CHICAGO.**

**U S Budlong's**  
**E Blue Ribbon Valley.**

F. L. Hugh is the latest addition to the office force at the Poehlmann Bros. Co.'s store.

# WIETOR BROS.

51 Wabash Ave., CHICAGO

The whole of our great greenhouse plant is devoted to the growth of

## CUT FLOWERS

—and we are in—

## FULL CROP FOR EASTER

We Grow for the Wholesale Trade Only

Send Us Your

### ORDER NOW

Fresh Stock  
Carefully Packed

### ....EASTER PRICE LIST....

Subject to change without notice

#### BEAUTIES

|                                         | Per doz.           |
|-----------------------------------------|--------------------|
| Extra Select.....                       | \$6 00             |
| 36-inch stem.....                       | 5 00               |
| 30-inch stem.....                       | 4 00               |
| 24-inch stem.....                       | 3 00               |
| 20-inch stem.....                       | 2 00               |
| 16-inch stem.....                       | 1 50               |
| 12-inch stem.....                       | 1 25               |
| Short stem.....                         | 1 00               |
|                                         | Per 100            |
| Killarney, select.....                  | \$ 8 00 to \$10 00 |
| "    medium.....                        | 4 00 to 6 00       |
| Jardine (finest pink rose), select..... | 10 00 to 12 00     |
| "    "    medium.....                   | 4 00 to 8 00       |
| Bride, select.....                      | 8 00 to 10 00      |
| "    medium.....                        | 4 00 to 6 00       |
| Maid, select.....                       | 8 00 to 10 00      |
| "    medium.....                        | 4 00 to 6 00       |

|                            | Per 100            |
|----------------------------|--------------------|
| Uncle John, select.....    | \$ 8 00 to \$10 00 |
| "    medium.....           | 4 00 to 6 00       |
| Richmond, select.....      | 8 00 to 10 00      |
| "    medium.....           | 4 00 to 6 00       |
| Carnations, fancy.....     | 5 00               |
| "    good.....             | 4 00               |
| "    splits.....           | 3 00               |
| Easter Lilies, medium..... | 12 50              |
| "    long.....             | 15 00              |
| Callas.....                | 12 00 to 15 00     |
| Tu ips.....                | 3 00 to 4 00       |
| Daffodils.....             | 3 00 to 4 00       |
| Valley.....                | 3 00 to 4 00       |
| Violets.....               | 1 00 to 1 25       |
| Sweet Peas.....            | 75 to 1 25         |

All Green Goods at market rates.

**ROSES, our selection, - \$5.00 per 100**

The above prices are for select stock. Extra select or inferior stock billed accordingly.  
All other stock at lowest market rates.



# For Easter Business

Your Special Advertisements  
Should Appear in Next Issue of

## The American Florist

Which Goes to Press April 5  
Ten Days Before Easter

Full of Easter Suggestions

IN PRINT AND PICTURE.

## LOOK OUT FOR IT

And Get Your Ad. in Early.

A recent visit to the Geo. Wittbold Co.'s greenhouses at Edgebrook, found the Easter stock in splendid condition. The white and pink rambler roses will be in full bloom for Easter, as will also a large quantity of lilacs and spiraeas. Otto Wittbold, the superintendent of the place, is particularly proud of the latter and he has reason to be, for they are in splendid condition. The three principal varieties grown are Peach Blossom, Gladstone and Queen Alexandra.

The British Horticultural Traders' party visited the Pochlmann ranges March 25, under the guidance of John Pochlmann and John P. Degnan. The visitors were quite enthusiastic in praise of what they saw of American methods at this establishment and at the commission houses earlier in the day.

Phil Schupp, of J. A. Budlong's, extends a cordial invitation to the trade to visit them in their new store at S2-S4-S6 East Randolph street, into which they will move next week. The store has been renovated and the necessary alterations made and a new Orr & Lockett ice-box constructed.

H. N. Bruns has a very pretty window display of blooming plants and cut flowers at his store on West Madison street. An aquarium of goldfish plays an added feature in the display.

Wm. Lynch, of E. H. Hunt's cut flower department, is looking for a busy Easter and is well prepared with a choice grade of lilies, roses, carnations and other seasonable stock.

The A. Dietsch Co., will furnish the material for the three greenhouses that the C. C. Pollworth Co., of Milwaukee, Wis., will erect this season.

A. Lange and his force of assistants are kept very busy at his store on

## CUT FLOWERS

CURRENT PRICE LIST

| ROSES                                            |  |         |
|--------------------------------------------------|--|---------|
| American Beauty, per doz., \$1 50 to \$6 00      |  |         |
| White Killarney, 4 00 to 10 00                   |  |         |
| Killarney, 4 00 to 10 00                         |  |         |
| My Maryland, 4 00 to 10 00                       |  |         |
| Richmond, 4 00 to 10 00                          |  |         |
| Extra special roses billed accordingly.          |  |         |
| MISCELLANEOUS                                    |  | Per 100 |
| Violets, double, \$0 75 to \$1 00                |  |         |
| single, 50 to 75                                 |  |         |
| Sweet Peas, fancy, 50 to 75                      |  |         |
| medium, 50 to 75                                 |  |         |
| Easter Lilies, 10 00 to 12 50                    |  |         |
| Callas, per doz., \$10 00 to \$12 50             |  |         |
| Valley, select, 3 00                             |  |         |
| special, 4 00                                    |  |         |
| Daisies, white and yellow, 1 00 to 2 00          |  |         |
| Jonquils, 3 00                                   |  |         |
| Daffodils, 3 00                                  |  |         |
| Paper Whites, 3 00 to 4 00                       |  |         |
| Romans, 3 00                                     |  |         |
| Freiasias, 4 00                                  |  |         |
| Tulips, 3 00 to 4 00                             |  |         |
| Ornate Blossoms, large cluster, \$1 00 to \$1 50 |  |         |
| Orchids, Cattleyas, per doz., 6 00 to 7 50       |  |         |
| Gardenias, 4 00                                  |  |         |
| CARNATIONS                                       |  | Per 100 |
| Good, \$1 50 to \$3 00                           |  |         |
| Select, large and fancy, 3 00                    |  |         |
| DECORATIVE                                       |  |         |
| Asparagus Plumosus, per string, \$0 50 to \$0 75 |  |         |
| per bunch, 35 to 50                              |  |         |
| Asparagus Sprengeri, per bunch, 25 to 50         |  |         |
| Adiantum, fancy, long, Per 100                   |  |         |
| Farleyense, \$1 00                               |  |         |
| Smilax, per doz., \$1 50                         |  |         |
| Mexican Ivy, per 1000, 6 00                      |  |         |
| Ferns, 3 00                                      |  |         |
| Galax, 1 00                                      |  |         |
| Leucothoe Sprays, 75                             |  |         |
| Subject to Market Changes.                       |  |         |

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

**CHICAGO CARNATION CO.**  
A. T. PYFER, Manager.  
Phone Central 3373.  
35-37 Randolph St., CHICAGO

Mention the American Florist when writing

East Randolph street, looking after the splendid trade which he enjoys.

Mrs. K. N. Cooper, of the Auburn-dale Goldfish Co., 920 West Randolph street, returned recently from a successful eastern business trip.

C. C. Pollworth and Nic. Zweifel, of Milwaukee, Wis., passed through the city on March 26, en route to Boston.

C. Clemenson had an unusually large call for funeral work at his store at 7801 Railroad avenue on March 25.

John T. Temple, the well-known florist, of Davenport, Iowa, was a welcome visitor this week.

**U S Budlong's**  
**E Blue Ribbon Valley.**

E. E. Pieser and wife returned on March 25 from a two week's visit at West Baden, Ind.

# A LARGE SUPPLY OF Easter Stock

—of Extra Fine Quality—

**Lilies, Beauties, Killarney,  
Richmonds, Brides, Maids,**

**Valley & Spring  
Violets Stock**

**Carnations, Cattleyas, Tulips,  
Ferns, Boxwood, Mexican Ivy.**

Get Our Quotation on Lilies and Other Stocks in 1000 Lots

## EASTER PRICES

### BEAUTIES

|                           | Per Doz.       |
|---------------------------|----------------|
| Long stems .....          | \$6.00         |
| 30 to 36-inch stems ..... | 5.00           |
| 20 to 24-inch stems ..... | \$3.00 to 4.00 |
| 15 to 18-inch stems ..... | 2.00 to 4.50   |
| 12-inch stems .....       | 1.50           |

Per 100.

|                                |                 |
|--------------------------------|-----------------|
| KILLARNEY, special .....       | \$12.00         |
| Fancy .....                    | \$8.00 to 10.00 |
| Good .....                     | 5.00 to 6.00    |
| WHITE KILLARNEY, special ..... | 12.00           |
| Fancy .....                    | 8.00 to 10.00   |
| Good .....                     | 5.00 to 6.00    |

|                         |               |
|-------------------------|---------------|
| RICHMOND, special ..... | \$12.00       |
| Fancy .....             | 8.00 to 10.00 |
| Good .....              | 5.00 to 6.00  |

|                              |                 |
|------------------------------|-----------------|
| BRIDES and BRIDESMAIDS ..... | \$5.00 to 10.00 |
|------------------------------|-----------------|

|                |               |
|----------------|---------------|
| MARYLAND ..... | 5.00 to 12.00 |
|----------------|---------------|

|                            |               |
|----------------------------|---------------|
| GATES and UNCLE JOHN ..... | 5.00 to 10.00 |
|----------------------------|---------------|

|             |              |
|-------------|--------------|
| PERLE ..... | 5.00 to 8.00 |
|-------------|--------------|

|                     |      |
|---------------------|------|
| Our Selection ..... | 4.00 |
|---------------------|------|

|                                     |                |
|-------------------------------------|----------------|
| ORCHIDS, Cattleyas, per doz., ..... | \$5.00 to 7.50 |
| CARNATIONS .....                    | 3.00 to 4.00   |
| Special fancy .....                 | 5.00           |

### MISCELLANEOUS.

|                     |                |
|---------------------|----------------|
| CALLAS .....        | 12.00 to 15.00 |
| EASTER LILIES ..... | 12.50 to 15.00 |
| VALLEY .....        | 3.00 to 4.00   |
| SWEET PEAS .....    | .75 to 1.25    |
| TULIPS .....        | 3.00 to 4.00   |
| DAFFODILS .....     | 3.00 to 4.00   |
| JONQUILS .....      | 3.00 to 4.00   |
| MIGNONETTE .....    | .35 to .75     |
| VIOLETS .....       | .50 to 1.00    |

### GREENS.

|                                      |              |
|--------------------------------------|--------------|
| ASPARAGUS PLUMOSUS, per string ..... | .50          |
| ASPARAGUS SPRENGERI, bunch .....     | .25 to .50   |
| " " sprays .....                     | .35 to .50   |
| ADIANTUM, per 100 .....              | 1.00         |
| SMILAX, per doz .....                | 1.50         |
| FANCY FERNS, per 1,000 .....         | 3.00         |
| GALAX LEAVES, per 1,000 .....        | 1.00 to 1.25 |
| BOXWOOD, 50 lb. case .....           | 7.50         |

# Vaughan & Sperry

LONG DISTANCE PHONE  
CENTRAL 2571

52-54 Wabash Ave., CHICAGO.

New No. 161 N. Wabash Ave.



**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**ROSES** Of extra good quality which we offer  
at reasonable prices.


AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

White, Red, Light Pink and Pink

Fancy Sweet Peas, Mignonette, Violets, Tulips, Daffodils, Jonquils, Narcissus,  
Romans, Daisies, Smilax, Asparagus and Greens of all kinds. Also a good supply of  
our famous **BLUE RIBBON VALLEY**—once used, always used. Order some and  
be convinced. **QUALITY SPEAKS LOUDER THAN PRICE.**

**Easter Orders Now Being Booked**

 **Monday, April 3rd, our new address will be**  
**82-84-86 East Randolph Street**

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

37-39 Randolph Street, CHICAGO.

Roses and  
Carnations  
A Specialty.....

WHOLESALE

GROWER of

**CUT FLOWERS**

**L. D.  
Phone  
Central  
3120**

The Chicago delegation to the National Flower Show was not as large as anticipated, some going ahead of the regular party and some going later. The party that left on the Lake Shore and Michigan Southern March 23 included: Geo. Asmus, J. W. Davis, Davenport, Ia.; H. B. Dörner, Urbana, Ill.; Emil Glauber, Denver, Colo.; Wm. Hartshorn, Joliet, Ill.; H. B. Howard, C. W. Johnson, Aug. Jurgens, I. O. Kemble and wife, Marshalltown, Ia.; W. E. Kemble and wife, Oskaloosa, Ia.; Otto G. Koenig, St. Louis, Mo.; L. E. Partridge, H. A. Philpott, Winnipeg, Man.; Adolph Pöhlmann, August Pöhlmann, A. T. Pyfer, Joliet, Ill.; W. J. Smythe, J. A. Valentine, Denver, Colo.; C. L. Washburn, Blaine Wilcox, Council Bluffs, Ia.; Glen Wilcox, Council Bluffs, Ia.; J. F. Wilcox and wife, Council Bluffs, Ia., and Mrs. E. A. Wood.

Bassett & Washburn won second prize on American Beauty and Rhea Rheids roses at the National Flower Show held at Boston this week. Con-

sidering the distance traveled, this is a very creditable showing, and they are receiving congratulations from their many friends in the trade. E. B. Washburn reports a good demand for grafted rose plants, especially White and Pink Killarneys, one of the pleasant features of the many orders received is that they come from customers that they supplied last year, who evidently were well pleased with the plants that they received.

Pöhlmann Bros. Co. is cutting a magnificent grade of all kinds of stock, lilies are arriving in good condition and in quantity large enough to meet the demands. This firm won second prize in White Killarney roses at the National Flower Show, held at Boston this week.

The J. B. Deamud Co. is well supplied with a splendid grade of roses, carnations, sweet peas and all other seasonable stock. This firm is having quite a call for a very pleasing daisy which is received and is taking well with the trade.

**U S Budlong's**  
**E Blue Ribbon Valley.**

mention the American Florist when writing

At Vaughan & Sperry's the stock is arriving in large quantities, and a splendid grade of Killarney and White Killarney roses can be seen at the store this week.

The sympathy of the trade is extended to Mrs. E. Misiewicz, 1166 Milwaukee avenue, in the loss of her mother, whose death occurred March 22.

Max Ringier, the well-known store man at Vaughan & Sperry's, is the proud father of a baby boy, which was born on March 27.

# EASTER PRICES

We have never been so well prepared for what we believe will be the **Busiest Easter on Record.** The whole of our vast greenhouse plant is in splendid condition and crops will be at their best for Easter.

## ROSES.

**Not a few but all the best varieties.** The crops are large, the quality absolutely perfect. There are no better flowers coming to this or any other market.

## AM. BEAUTIES.

Our Beauty crop is at its height and we shall have large supplies in all grades for Easter.

## CARNATIONS.

Our immense carnation range is producing magnificent stock in abundance. The flowers were never so good or plentiful and we can truthfully say there are **no carnations in the world to beat ours.**

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

| AMERICAN BEAUTIES |               | Per doz.          |                      |                      |                   |              |
|-------------------|---------------|-------------------|----------------------|----------------------|-------------------|--------------|
| Extra long stems  |               | \$6 00            | Ivory                | } Select.....        | \$8 00 to \$10 00 |              |
| 36 inch stems     |               | 5 00              | Sunrise              |                      | Medium.....       | 5 00 to 6 00 |
| 30 inch stems     |               | 4 00              | Perle                |                      |                   |              |
| 24 inch stems     |               | 3 00              | Roses, our selection |                      | 4 00              |              |
| 20 inch stems     |               | 2 50              | Carnations           |                      | 3 00 to 4 00      |              |
| 15 inch stems     |               | 2 00              | Fancy                |                      | 5 00              |              |
| 12 inch stems     |               | 1 50              | Harrisil             |                      | 12 50 to 15 00    |              |
| Short stems       |               | 75c to 1 00       | Valley               |                      | 3 00 to 4 00      |              |
|                   |               | Per 100           | Violets              |                      | 75 to 1 00        |              |
| Richmond          | } Select..... | \$8 00 to \$10 00 | Sweet peas           |                      | 75 to 1 00        |              |
| Killarney         |               |                   | Tulips               |                      | 4 00 to 5 00      |              |
| White Killarney   |               | Medium.....       | 5 00 to 6 00         | Jonquills            |                   | 4 00         |
| My Maryland       |               |                   |                      | Daffodils            |                   | 3 00 to 4 00 |
| Mrs. Field        | } Select..... | 8 00 to 10 00     | Adiantum             |                      | 1 00              |              |
| Uncle John        |               | Medium.....       | 5 00 to 6 00         | Asparagus, per bunch |                   | 50           |
| Bride             |               |                   |                      | Ferns, per 1000      |                   | 3 00         |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

35 Randolph St., CHICAGO.

New No. 30 East Randolph St.



# For Easter

10,000 Lily of the Valley

25,000 Killarneys

50,000 Carnations

100,000 Violets

20,000 Cut Lilies

50,000 Yellow Narcissus

Other Flowers in Stock

**LILY PLANTS shipped in crates of 25**

**WE FILL ALL ORDERS**

## Welch Bros.

Wholesale Cut Flower Market

226 Devonshire Street, Telephones { 6267 { Main Boston, Mass.  
6268

In accordance with the provisions of an ordinance passed by the city council, the new street numbering system which provides for one hundred numbers in each block, will become effective April 1, 1911. This will necessitate a change in the numbers of all the business houses of the city and to facilitate the sorting and delivery of the mail, customers ordering of the wholesale houses should address their mail to the new numbers which will be found in the advertisements. The new postal regulations do not provide for Sunday deliveries, except on special deliveries, and orders for Sunday shipments should be forwarded so as to arrive Saturday, or mailed with special delivery stamps.

Hoerber Bros. are supplying their customers with Killarney roses of A 1 quality, the mignonette that they are cutting is eagerly sought for by the best trade. Will Hoerber presented each of the British Horticultural Traders a souvenir postal of their large range at Desplaines, when they visited their store last week.

The Foley Manufacturing Co. will furnish the material for a range of vegetable houses to be built on O. C. Barber's Anna Dean farm at Earberton, O. This range will consist of six houses 800 feet long.

Vaughan's greenhouses have a fine stock of Easter Rambler, Dorothy Perkins and other roses, hydrangeas, genistas, rhododendrons and other seasonable plants.

Peter Sroczynski, 153 North Harding avenue, has several houses of lilies that are in splendid condition.

County Commissioner J. A. Mendel made a business trip to Springfield on March 27.

Visitors: Frank E. Rue and John Nelson, Peoria, Ill.

# WM. P. FORD

**WHOLESALE FLORIST**

45 West 28th Street,

NEW YORK

## FOR EASTER

I shall have a Choice Supply of

## American Beauty Roses, Violets

and all Other Seasonable Flowers.

Phone: 5335 Madison Square.

READING, PA.—The building in which was located the flower store of Guy W. Payne was burned March 5.

NEWARK, N. J.—The Magnolia Floral Co. has filed articles giving its registered office as at 469 Orange street. The capital stock is \$25,000. The incorporators are Charles Trauth, Adolph Sickinger and Harry A. Koening.

DAYTON, O.—The annual banquet of the Florists' Club was held in the Phillips house March 1. Horace Frank was chairman of the committee of arrangements and the decorations were very beautiful. Talks on flowers were delivered by Mrs. J. F. Young, A. Schmidt, J. W. McNary and Horace M. Frank.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

—SEND FOR PRICE LIST.—  
76 Wabash Avenue, CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

48-50 Wabash Ave., Chicago  
L. D. Phone, Central 466.

We will have anything in the line of  
**CUT FLOWERS AND GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 51 Wabash Avenue CHICAGO

Milwaukee.

LARGE SUPPLY.

Stock is arriving in quantity, with the exception of American Beauty roses. Other roses and carnations are of fine quality and are being received in quantity, and there is a full line of bulbous stock in the market.

### NOTES.

Wm. Currie and wife are visiting in the east, they are attending the National Flower show at Boston this week. Roy is in charge of the store and is having his hands full looking after splendid trade, which the store has built up.

Holton & Hunkel Co. is cutting a choice grade of roses, carnations, lilies and lily of the valley, the latter is of A 1. quality and is greatly appreciated by the trade. This firm is well supplied with blooming plants for the Easter trade.

C. C. Pollworth Co. is filling a large number of orders for a fancy grade of carnations. The Mrs. C. W. Ward that were seen at the store this week were of exceptionally good quality.

The M. A. McKenney Co. is having a good call for funeral and other work. J. Newbeck, with this firm, is looking for a busy Easter, and is making preparations for a big trade.

Gustav A. Pohl will rebuild three of his greenhouses this spring, and has already placed the order for the material with the John C. Moninger Co., of Chicago.

C. C. Pollworth and Nic. Zweifel are attending the National Flower Show at Boston this week.

Walter M. Maas & Co., 128 Oneida street, reports trade in general as exceptionally good.

G. H. Hunkel Co. is kept very busy filling the many mail orders that are received.

Nohos & Co. are enjoying a good transient trade at their store on Grand avenue.

Wm. C. Zimmerman has had a busy season at his large store at 432 Grand avenue.

Clark E. Adams, of Racine, Wis., is a frequent visitor to this market.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

19, 21 RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, Mar. 29.                |                | Per doz.          |
|----------------------------------|----------------|-------------------|
| Roses, Beauty, specials.....     | 6 10           |                   |
| " " 36 in.....                   | 5 00           |                   |
| " " 30 in.....                   | 4 00           |                   |
| " " 24 in.....                   | 2 50           |                   |
| " " 18 to 20 in.....             | 1 50           |                   |
| " " 12 to 15 in.....             | 1 00           | 1 25              |
| Per 100                          |                |                   |
| " " Short stem.....              | 4 00           | 6 00              |
| " Killarney.....                 | 6 00           | 12 00             |
| " White Killarney.....           | 6 00           | 12 00             |
| " Richmond.....                  | 6 00           | 12 00             |
| " My Maryland.....               | 6 00           | 12 00             |
| " Cardinal.....                  | 6 00           | 12 00             |
| " Perle.....                     | 4 00           | 6 00              |
| Carnations.....                  | 2 00           | 3 00              |
| " fancy.....                     |                | 4 00              |
| Orchids, Cattleyas.....          | 4 00           | 6 00              |
| Harrison and Callas.....         |                | 1 50              |
| Per 100                          |                |                   |
| Narcissus Paper White.....       |                | 3 00              |
| Jonquil.....                     | 3 00           | 4 00              |
| Daffodils.....                   | 3 00           |                   |
| Tulips.....                      | 3 00           | 4 00              |
| Freemias.....                    | 3 00           | 4 00              |
| Romans.....                      | 3 00           | 4 00              |
| Valley.....                      | 3 00           | 4 00              |
| Violets, double.....             |                | 75                |
| " single, Princess of Wales..... |                | 75                |
| " single, California.....        |                | 40                |
| Mignonette, large spikes.....    |                | 75                |
| Sweet Peas.....                  | 75             | 1 00              |
| Adiantum Crowneum.....           | 1 00           | 75 50             |
| Smilax.....                      | per doz., 1 50 | 2 00              |
| Sprenger, Plumous Sprays.....    |                | 3 00 75 00        |
| Plumous Sprig.....               | each           | 60                |
| Perns.....                       | per 1000,      | 2 50              |
| Galax.....                       |                | 1 25              |
| Leucothoe.....                   |                | 75                |
| Boxwood, per bunch 35: per case  |                | 9 50 lbs., \$7 00 |
| Wild Smilax, 50 lb. case.....    |                | 5 00              |

### Chicago Bowling.

On March 23, the Orchids won three games from the Carnations and the Roses won two and lost one to the Violets. Allie Zech was high man of the evening, having a total of 290 pins in the last game played. Fisher, Winter-son and Huebner also bowled in the neighborhood of the 200 mark. The following table shows the number of games won and lost by each team to date:

| Won Lost                                              |             | Won Lost       |             |
|-------------------------------------------------------|-------------|----------------|-------------|
| Orchids.....                                          | 52 19       | Roses.....     | 28 41       |
| Carnations.....                                       | 37 32       | Violets.....   | 21 48       |
| Individual and team scores for games played March 15: |             |                |             |
| Roses.                                                |             | Violets.       |             |
| Katzal.....                                           | 120 120 110 | Schunem'n..... | 106 135 197 |
| Meyers.....                                           | 157 171 164 | Friedman.....  | 171 163 139 |
| Schlus'n.....                                         | 151 95 142  | Lusor.....     | 105 130 141 |
| Fisher.....                                           | 194 157 156 | Wenzel.....    | 148 132 146 |
| Wolf.....                                             | 156 167 163 | Lorman.....    | 181 151 123 |
| Totals.....                                           | 778 710 736 | Totals.....    | 711 711 656 |

## WIETOR BROS.

Wholesale Cut Flowers  
Growers of

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.



## A. L. Randall Co.

19-21 Randolph St.,  
CHICAGO.

L. D. Phone Central 1496. Private Exchange.  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 51 Wabash Ave., CHICAGO  
Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster,

WHOLESALE FLORISTS

51 Wabash Ave., CHICAGO.  
Long Distance Phone, Randolph 3619.

## Percy Jones

60 Wabash Ave., CHICAGO

## U S Budlong's E Blue Ribbon Valley.

| Orchids.     |              | Carnations.     |              |
|--------------|--------------|-----------------|--------------|
| Huebner..... | 105 157 167  | Ayers.....      | 189 157 145  |
| Graft.....   | 159 137 159  | Winterston..... | 147 196 167  |
| Farley.....  | 175 168 158  | Goerlich.....   | 115 120 126  |
| Degnan.....  | 158 143 168  | Schultz.....    | 110 137 133  |
| Kraus.....   | 149 165 168  | Zech.....       | 156 144 206  |
| Totals.....  | \$36 770 820 | Totals.....     | \$75 734 777 |

MASON CITY, IA.—A spark from a passing train caused serious damage by fire to the Gilbertson nurseries. Large tracts of mulched raspberry vines and valuable propagations were destroyed. The loss is estimated at \$10,000.



# Cut Easter Lilies

Of exceptional fine quality, perfect flowers clean foliage, long stems. Lilies that find ready sales and will be appreciated by your trade

**\$12.00 -- \$15.00 per 100.**

**THE LEO NIESSEN CO.,**

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

**Philadelphia, Pa.**

## Philadelphia.

### AMERICAN BEAUTY ROSES SCARCE.

The feature of the market is the extreme scarcity of American Beauty roses the past week, it was two days' work to raise a dozen specials. It is hard to account for this state of affairs as there are house after house of this variety under cultivation for this market, but just at present everybody seems to be off crop, and buyers have to take Killarney or Richmond. There seems to be an abundance of other stock for business. The past week has been slow, many of the flower buyers apparently being out of town at the shore, where the hotels are reported at doing a rushing business. There is a fairly good shipping trade reported by the wholesale men, who are able to keep down the surplus by this outside demand. Orchids are a bit scarce, but the Cattleya Mossiae crop is showing strong and before long will be in full flower. There is no question but the demand for cattleyas is constantly on the increase and this city is rapidly becoming a factor in the sale of these flowers. The stocks that are being grown for this market have passed the experimental stage and thousands of dollars are now being invested where hundreds were thought extravagant before.

The poor attendance of the spring show of the Pennsylvania Horticultural Society, the excellence of which merited greater recognition from the public, is a matter of deep consideration with the friends of the society. Henry F. Michell thinks that tickets of admission should be sold at greatly reduced rates to seedsmen or florists or horticulturists, who would mail them with their compliments to customers or others whom they think would be interested, and thus get them to the exhibition. Some think it would be wise to have a last day free to the public so that on seeing the beauty of the show they might become interested in the work of the society.

Lilies will be fairly plentiful, but for some reason plants all run short. All growers complain that they could not get height to the gigantesms, which is the variety that is mostly grown this season. Hydrangeas will be a feature as with most growers they have done especially well this season, having come along without forcing and are good and hard.

News comes from Hathboro that Eugene Weiss has concluded to give up business and has sold his place, greenhouse and business to Harry Weiss and Sons, who will carry on the business. Messrs. Weiss and Sons are large growers of carnations, whose place adjoins that of E. Weiss and the two will now be operated as one plant.

The Floracraft Gardens have put a Ford car in use in their delivery service and are much pleased with its work, as it makes a nice appearance and appears to be a great time saver. Lily of the valley is a special feature with this firm, the output being over 10,000 per day during the winter season.

Easter preparations are growing with the near approach of the holiday, the store men are full of preliminary work

## Wholesale Flower Markets

| PHILADELPHIA, Mar. 29.             |                     |  |
|------------------------------------|---------------------|--|
| Roses, Beauty, extra.....          | 50 00@75 00         |  |
| " " first.....                     | 25 00@50 00         |  |
| " Brides and Maids.....            | 6 00@15 00          |  |
| " Killarney.....                   | 4 00@25 00          |  |
| " White Killarney.....             | 4 00@15 00          |  |
| Callas.....                        | 8 00@10 00          |  |
| Cattleyas.....                     | 25 00@50 00         |  |
| Dafoils.....                       | 2 00@7 50           |  |
| Forget-me-nots.....                | 2 00@2 40           |  |
| Gardenias.....                     | per doz., 2 00@4 00 |  |
| Lilac.....                         | per bunch, 75@1 10  |  |
| Lilium Harlowe.....                | 8 00@15 00          |  |
| Lily of the Valley.....            | 3 00@5 00           |  |
| Mignonette.....                    | 5 00@8 00           |  |
| Scapdragons.....                   | 10 00@25 00         |  |
| Sweet Peas.....                    | 40@9 00             |  |
| Violets.....                       | 50@7 75             |  |
| Adiantum.....                      | 1 00@1 50           |  |
| Asparagus.....                     | per bunch, 50       |  |
| Smilax.....                        | 15 00@20 00         |  |
| Pittsburgh, Mar. 29.               |                     |  |
| Roses, Beauty, special.....        | 25 00@35 00         |  |
| " " extra.....                     | 15 00@20 00         |  |
| " " No. 1.....                     | 10 00@12 00         |  |
| " Bride Bridesmaid.....            | 2 00@8 00           |  |
| " Chateaux.....                    | 2 00@8 00           |  |
| " Killarney.....                   | 2 00@8 00           |  |
| " My Maryland.....                 | 2 00@8 00           |  |
| " Richmond.....                    | 2 00@8 00           |  |
| Carnations.....                    | 2 00@3 00           |  |
| Cattleyas.....                     | 40 00@50 00         |  |
| Lilium Longiflorum.....            | 10 00@12 00         |  |
| Lily of the Valley.....            | 4 00                |  |
| Paper Whites.....                  | 3 00                |  |
| Romans.....                        | 2 00                |  |
| Sweet Peas.....                    | 50@1 00             |  |
| Adiantum.....                      | 1 50                |  |
| Asparagus Sprengeri, per bunch, 50 |                     |  |
| " strigosa, per bunch, 50          |                     |  |
| " sprays, per bunch, 50            |                     |  |
| Smilax.....                        | 15 00               |  |

arranging their stock to make every foot of room possible. Baskets are being touched up, new stock laid in and everything possible done to lighten the extra work at this busy time.

## Boston.

### THE FLOWER SHOW

Trade is about the same as that of last week. White roses and white carnations are scarce and bring good prices in the markets. If anything, prices are a little steadier than they were. The flower show is the all absorbing topic, and from the attendance on the opening night and part of Sunday, the financial end ought to be all right. It has been well advertised (this is the greatest proposition in any business undertaking, to know how to advertise, and draw the crowd) this also applies to our trade advertising. Some may be brilliant in many lines, but the wording and general make-up of an advertisement is what catches and holds the prospective customer's attention. The visitors from everywhere are coming in to see; and the opinion of many with whom I have spoken is "the greatest show that was ever got together." There is a great quantity and the quality is ahead of anything expected.

## NOTES.

Some of our noted, far-sighted florists are helping the show by putting in a nice exhibit. One in particular is Fred Palmer. He made a nice display of palms, ramblers, azaleas, and spring flowers. It is men like Mr. Palmer who help things along, while expecting nothing in return.

## FANCY

# Beauties Lilies Carnations

**THE McCALLUM CO., Inc.**  
**PITTSBURG, PA.**

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA.

## Grand Rapids Greenhouse Co., The Leading Wholesale Florists Of Michigan.

200,000 square feet of glass devoted to Cut Flowers. Shipments everywhere. Prompt and Satisfactory. Write us for particulars.

Grand Rapids Greenhouse Co., Grand Rapids, Mich.

## FRESH CUT FLOWERS

If you wish regular shipments of *Dofoils*, *Paper Whites*, *Grand Monarque*, etc., at reasonable prices, address

**THE LEEDHAM BULD CO.,** Santa Cruz, Cal.  
Gladiolus America, Tulips,  
Spanish Iris, etc., in season.

# U S Budlong's E Blue Ribbon Valley.

There is never a convention of any kind but William Sim is there with hundreds of violets for the ladies. Weather, balmy. MAC.

FREDERICK, Md.—Charles Hermann has erected a large addition on the South street end of his greenhouses, which is now filled with flowering plants making an attractive sight.

TRENTON, N. J.—Four greenhouses filled with Easter stock belonging to Groeller Bros. were destroyed by fire March 17. The fire was caused by the boiler house stack blowing down which crashed through one of the buildings and sparks ignited the woodwork. The loss is about \$3,000, partially insured. The buildings will be replaced as soon as possible.

# WELCH BROTHERS, Asparagus Plumosus Nanus

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonal stock.

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

—THE—

J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

—CONSIGNMENTS SOLICITED—

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.

Price List on Application.

316 Walnut St., CINCINNATI, OHIO.

Phone Main 584.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT  
FLOWERS and Jobbers of  
FLORISTS' SUPPLIES.

Columbus, Ohio

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.  
19 Province St.,  
Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10 inch, \$1.75 per doz.; 12 inch, \$2.25 per doz.; 14 inch, \$3.00 per doz.; 16 inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

Pittsburg.

STOCK VERY PLentiful.

Very little can be said of the change in this market for the better. Outside of the funeral work there is very little doing this week, and prices remain very low. Lilies and all bulb stock are coming in very plentifully. Violets are a drug. Fakirs are selling them on the streets at 10 cents per bunch. Greens of all kinds are plentiful, excepting asparagus plumosus.

NOTES.

J. J. Bolton, of Beaver Falls, has dispensed with coal for heating his greenhouses. A big "gasser" was drilled on his farm last week.

B. Huscroft, Steubenville, O., has the auto fever bad and we expect shortly, to hear of him breaking a few records.

Frank Farney, of Rice & Co., Philadelphia, Pa., was a business caller March 25.

Geo. L. Huscroft, Steubenville, Ohio, stopped off in Pittsburg on his way east.

J. G. Neville, East Liverpool, Ohio, was a recent business caller.

Charles Dougherty, McKeesport, is laid up with lagrippe.

J.

## E. G. GILLET, Wholesale Commission Florist

CONSIGNMENTS SOLICITED

131 E. 3rd St., CINCINNATI, OHIO

Manufacturers of Superior Wire Work for Florists

### Hanging Baskets

ALL SIZES, A SPECIALTY.

Must not be compared with rat trap work.

Once a customer always a customer.

GREEN SHEET MOSS and SPHAGNUM MOSS

Ohmer's Superior Florida Asparagus Plumosus, 25c per bunch the year round.

WRITE FOR CATALOGUE AND PRICES

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## Wholesale Flower Markets

| BOSTON, Mar. 29.                |       | Per 100 |
|---------------------------------|-------|---------|
| Roses, Beauty, best.....        | 50 00 | 275 00  |
| " " medium.....                 | 25 00 | 35 00   |
| " " culls.....                  | 6 00  | 8 00    |
| " " Bride, Bridesmaid.....      | 2 00  | 8 00    |
| " " Killarney and Richmond..... | 4 00  | 12 00   |
| " " My Maryland.....            | 4 00  | 12 00   |
| " " Carnot.....                 | 1 00  | 2 00    |
| Carnations, select.....         | 2 00  | 3 00    |
| " " fancy.....                  | 2 00  | 3 00    |
| Callas.....                     | 8 00  | 12 00   |
| Cattleyas.....                  | 25 00 | 35 00   |
| Gardenias.....                  | 25 00 | 35 00   |
| Lilium Longiflorum.....         | 8 00  | 10 00   |
| Lily of the Valley.....         | 2 00  | 4 00    |
| Violets.....                    | 50    | 75      |
| Smilax.....                     | 12 00 | 16 00   |

| ST. LOUIS, Mar. 29.            |       |       |
|--------------------------------|-------|-------|
| Roses, Beauty, long stems..... | 40 00 | 50 00 |
| " " medium stems.....          | 20 00 | 25 00 |
| " " short stems.....           | 2 00  | 4 00  |
| " " Bride, Bridesmaid.....     | 5 00  | 8 00  |
| " " Killarney.....             | 5 00  | 8 00  |
| " " My Maryland.....           | 5 00  | 8 00  |
| " " Richmond.....              | 5 00  | 8 00  |
| Carnations.....                | 2 00  | 2 50  |
| Easter Lilies.....             | 12 50 | 15 00 |
| Valley.....                    | 4 00  |       |
| Adiantum.....                  | 1 25  |       |
| Asparagus Sprengeri.....       | 2 00  | 3 00  |

| MILWAUKEE, Mar. 29.             |       |      |
|---------------------------------|-------|------|
| Roses, Beauty, per doz., 1 03   | 4 00  | 8 00 |
| " " Killarney.....              | 4 00  | 8 00 |
| " " Richmond.....               | 3 00  | 8 00 |
| Carnations.....                 | 1 50  |      |
| Daffodils.....                  | 3 00  |      |
| Freestias.....                  | 3 00  |      |
| Lilium Giganteum.....           | 12 50 |      |
| Lily of the Valley.....         | 3 00  |      |
| Trumpets.....                   | 3 00  |      |
| Tulips.....                     | 3 00  |      |
| Violets.....                    | 50    | 75   |
| Adiantum.....                   | 1 50  |      |
| Asparagus..... per string.....  | 50    |      |
| " " Plumosus, per bunch.....    | 35    |      |
| " " Sprengeri.....              | 35    |      |
| Boxwood..... per bunch.....     | 25    |      |
| Ferns, fancy..... per 1000..... | 3 00  |      |
| Wild Smilax..... per case.....  | 5 00  |      |

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Mention the American Florist when writing

## WM. C. SMITH

Wholesale Floral Co.  
WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.

Supplies and Everything in Season always on hand

Mention the American Florist when writing

## Florists' Greening Pins

Saves you time, worry and money

Use them once and you will never be without them. (Sample free.) 10-lb. box, (about 10,000 to 11,000 Pins.) \$1.50.

GEO. H. ANGERMUELLER, Wholesale Florist,  
1334 Pine Street, ST. LOUIS, MO.

Mention the American Florist when writing

| CINCINNATI, Mar. 29.                    |       |       |
|-----------------------------------------|-------|-------|
| Roses, Beauty..... per doz., 1 00       | 4 00  | 5 00  |
| " " Bride, Bridesmaid.....              | 2 00  | 8 00  |
| " " Golden Gate.....                    | 2 00  | 8 00  |
| " " Killarney.....                      | 2 00  | 8 00  |
| " " Richmond.....                       | 2 00  | 8 00  |
| " " Pres. Taft.....                     | 3 00  | 8 00  |
| Carnations.....                         | 3 00  | 4 00  |
| Callas.....                             | 8 00  | 10 00 |
| Daffodils.....                          | 3 00  |       |
| Hyacinths, Dutch.....                   | 4 00  | 5 00  |
| " " Roman.....                          | 2 00  | 3 00  |
| Jonquils.....                           | 3 00  | 4 00  |
| Lilium Longiflorum.....                 | 12 50 | 15 00 |
| Narcissus Paper White.....              | 3 00  | 4 00  |
| Lily of the Valley.....                 | 3 00  | 4 00  |
| Sweet Peas.....                         | 3 00  | 4 00  |
| Tulips.....                             | 75    | 1 00  |
| Violets.....                            | 75    | 1 00  |
| Adiantum.....                           | 1 00  | 1 50  |
| Asparagus Plumosus..... per bunch.....  | 25    |       |
| " " Sprengeri..... per string.....      | 50    |       |
| Asparagus Sprengeri..... per bunch..... | 35    |       |
| " " Wild Smilax..... per case.....      | 12 50 | 15 00 |



## To Whom It May Concern:

To meet the demand we are in need of good **Lillies** and **Roses** and can secure for you the best market values. **Growers** of all other good stock can find a steady and continuous market here.

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### 34 West 28th St., NEW YORK CITY.

Telephone: 1664-1665 Madison Square.

Growers are cordially welcomed to use our office facilities when in New York City.

#### New York.

##### COLD WEATHER.

The severe cold weather we have been having has had everything but a good effect on the flower trade. Some kinds of stock have shortened up in supply on some days owing to continued cold winds prevailing. Roses are plentiful enough for all demands, and little change in prices are seen. Carnations are very plentiful and violets are almost a glut. Narcissus of some kinds are not so numerous consequently, not much cutting of values is being done. Gardenias are much more plentiful than they were. Cattleyas continue in steady supply, with no change in prices. Lupins and antirrhinums are received in larger quantities, trailing arbutus has arrived though in small lots as yet. Lily of the valley is plentiful as also are callas and longiflorum lilies. The street men can not operate much owing to the cold and flowers of most sorts are accumulating in the hands of the dealers.

##### NOTES.

The following visitors and New Yorkers en route for the Boston show proceeded by the Fall River boat, March 24: H. Komitsch, Secaucus, N. J.; Geo. Baldwin, Mamaroneck, F. L. Moore and daughter, Chatham, N. J.; J. L. Powell and wife, Millbrook, J. A. Manda, Orange, N. J.; John Hay, John Westcott, A. Pericat, Geo. Watson, Chas. Meehan, T. Logan, S. Batchelor, W. Kleinheinz, J. Dadds, all of Philadelphia; Fred Burki, A. Randolph, E. Reinemann, Pittsburg, Pa.; L. B. Codrington, Murray Hill, N. J.; D. McIntosh, Tuxedo, R. Simpson, Clifton, N. J.; James Dean, W. Kessler, C. F. Meyer, John Miesem, O. V. Zangen, W. E. Maynard, New York; W. Duckham and wife, Chas. H. Totty and wife, Madison, N. J.

Mrs. W. C. Krick has purchased the retail business long established by J. Herman, Gates avenue, Brooklyn, taking possession about March 10. This is close to the location where the late W. C. Krick carried on a retail business for many years.

Wm. A. Blaedel, who for many years has conducted a retail store at 482 West Twenty-third street, died March 15. The business will be continued under the firm name of W. A. Blaedel Sons.

There is still quite a little delay in the express deliveries in the wholesale district every day, occasioned by the drivers and helpers being new to the business, rather than to anything else, the strike is supposed to be over.

John Donaldson is still suffering from his attack of rheumatism, and much to his as well as his friends' regret he was unable to go to the National Flower Show at Boston with the New York party.

At John Scott's, the Easter stock is looking in splendid condition, lillies,

azaleas and hydrangeas are in very large quantities and there is a fairly large stock of *Acacia paradoxa*.

W. E. Wallace, the English grower, together with Mrs. Wallace, sailed for home in the Campania March 29, they spent a few days at the Boston show prior to leaving.

The early morning plant market will open April 1 at Fifty-ninth street, under the arches of the new bridge, between First and Second avenues.

Carl Strumm has so far recovered from the broken ankle which he sustained several weeks ago as to be able to lay his crutches aside.

Visitors: E. N. Kroninger, Allentown, Pa.; G. H. Hoskins, Reading, Pa.

The Bowling club is very well pleased with the new alleys at the Ardsley hotel at Fourth avenue and Thirty-second street, and will bowl every Friday evening for the balance of the season, and after Easter there will be several match games. The scores March 25 were as follows:

|                |     |     |     |     |
|----------------|-----|-----|-----|-----|
| Scott .....    | 156 | 128 | 136 | 165 |
| Chadwick ..... | 175 | 202 | 166 | 164 |
| Nugent .....   | 89  | 96  | 98  | 38  |
| Penick .....   | 120 | 159 | 129 | 121 |
| Irwin .....    | 152 | 174 | 146 | 194 |

#### Buffalo.

##### MARCH WEATHER.

Spring weather with the usual winter furies, has been with us the past week. Stock has been equal to all demands, as society is not very active. All Easter stock, according to reports, is up to all expectations, and with favorable weather everything should be of good quality.

##### NOTES.

Lenten quietness in the flower business was enlivened by the marriage of Oscar Loewindorff, an employee at S. A. Anderson's to Miss Irene Juerns. The wedding took place March 18. The happy couple are now living like turtle doves in a neat little cottage built for two.

S. A. Anderson has had some fine rhododendron plants from his Elmwood avenue place that have been the talk of the city; other potted plants of various kinds are seen in the stores, making all the windows very attractive.

The Buffalo contingent to Boston was quite large, and with the visitors from the other cities the National Flower Show will have a large attendance, not only from the United States, but also from Canada.

Bargain sales in violets, carnations, etc., are seen well advertised on the windows on Saturdays, which help to make what would be a somewhat quiet day very lively.

*Charles Weiss & Sons*

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Telephone 1202 Madison Square

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Wholesale Commission Dealer in  
**CUT FLOWERS**

28 Willoughby Street,

Tel. 4591 Main.

**BROOKLYN, N. Y.**

**U S Budlong's**  
**E Blue Ribbon Valley.**

The New Flower Store of G. J. Sauer, at 1374 Main street, reports trade all that could be expected.

John Schweickler, of North Tonawanda, has a fine lot of plants coming on for Easter.

Visitors: Edward Fancourt, of S. S. Pennock-Meehan Co., Philadelphia.

Bison.

LITCHFIELD, CONN.—Herman Lorenz was found dead in bed on the morning of March 17, the cause of death being heart disease. He was about 70 years old and had conducted the greenhouse on Torrington road for many years.

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NEW YORK

WASHINGTON

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Open for Cut Flower Sales at 6 o'clock Every Morning.

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Consignments Solicited

**Wholesale Flower Markets**

|                                 |                         |
|---------------------------------|-------------------------|
| New York, Mar. 29.              |                         |
| Roses, Beauty, special.....     | 30 00@50 00             |
| extra and fancy.....            | 15 00@25 00             |
| " " No. 1 and No. 2.....        | 2 00@ 6 00              |
| Bride, Bridesmaid, special..... | 5 00@ 8 00              |
| extra and fancy.....            | 3 00@ 5 00              |
| No. 1 and No. 2.....            | 1 00@ 3 00              |
| Killarney, My Maryland, sp..... | 5 00@ 6 00              |
| extra and fancy.....            | 3 00@ 4 00              |
| No. 1 and No. 2.....            | 1 00@ 2 00              |
| Richmond.....                   | 1 00@ 8 00              |
| Carnations.....                 | 1 00@ 2 00              |
| Callas.....                     | 8 00@10 00              |
| Cattiesas.....                  | 25@ 40                  |
| Cardenas.....                   | per doz. 2 00@ 5 00     |
| Lilium Longiflorum.....         | 6 00@ 8 00              |
| Lily of the Valley.....         | 1 00@ 3 00              |
| Narcissus P. White.....         | 1 50@ 2 50              |
| " Yellow.....                   | 1 50@ 2 50              |
| Roman Hyacinths.....            | 1 50@ 2 50              |
| Sweet Peas.....                 | per doz. bchs. 60@ 1 50 |
| Tulips.....                     | 1 50@ 2 50              |
| Violets.....                    | 20@ 30                  |

|                                |                  |
|--------------------------------|------------------|
| BUFFALO, Mar. 29.              |                  |
| Roses, Beauty, special.....    | 30 00@35 00      |
| extra and fancy.....           | 20 00@25 00      |
| " " extra.....                 | 15 00@20 00      |
| No. 1.....                     | 10 00@15 00      |
| No. 2.....                     | 3 00@ 5 00       |
| Bride Maid, Killarney.....     | 5 00@10 00       |
| Killarney, White and Pink..... | 6 00@10 00       |
| Carnations.....                | 1 50@ 3 00       |
| Callas.....                    | 8 00@10 00       |
| Daisies.....                   | 1 00@ 1 50       |
| Double Von Sion.....           | 2 00@ 3 00       |
| Freesia.....                   | 2 00@ 3 00       |
| Lilium Longiflorum.....        | 10 00@12 00      |
| Lily of the Valley.....        | 3 00@ 4 00       |
| Mignonette.....                | 3 00@ 4 00       |
| Myosotis, per bunch.....       | 10@ 20           |
| Sweet Peas.....                | 40@ 1 00         |
| Trumpet Major.....             | 2 00@ 3 00       |
| Tulips.....                    | 5 00@ 4 00       |
| Violets.....                   | 40@ 50           |
| Adiantum Crownsum.....         | 75@ 1 50         |
| Asparagus, per bunch.....      | 35@ 50           |
| Asparagus Sprenger.....        | 35@ 50           |
| Asparagus Str.....             | 50@ 60           |
| Ferns.....                     | per 1000. \$2 50 |
| Galax, green and bronze.....   | 1 50             |
| Leucothoe Sprays.....          | 75               |
| Smilax.....                    | 15 00            |

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All flowers in season. Consignments of first-class stock solicited.

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Chrysanthemum Novelties my specialty.

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# Fancy Ferns, - \$2.50 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

### St. Louis.

#### ABUNDANT SUPPLY.

High winds have prevailed during the week which have done more or less damage to glass. Flowers are plentiful and prices low. Violets are approaching the end, and sweet peas have become far too plentiful. Carnations are in abundance and sell cheap in order to clean out. Roses are also in good supply with the exception of American Beauties.

The retailers surprised Wm. H. Smith March 24, when Chas. Schoenle, Robert Windler and J. J. Beneke, on behalf of his friends, called at his home and presented him with a solid silver punch bowl and glasses.

Otto G. Koenig, will boom the St. Louis Flower Show which is to take place next fall, when the Chrysanthemum Society meets here, while attending the National Flower Show at Boston.

F. C. Weber, Theo. Miller, Fred Meinhardt and J. F. Ammann left for Boston March 25, to attend the National Flower Show.

The Paris Floral Co. have rented the two stores adjoining the one they now occupy and will have a roomy and commodious store.

Joseph Wors, son of C. W. Wors, has accepted a position at the C. Young & Sons Co.'s greenhouses.

During the week the plantsmen have been kept busy with store openings and spring sales.

W. F.

### Nashville.

The flower trade has been very quiet since the beginning of Lent, even St. Patrick's day making very little stir. The usual supply of green carnations was on hand and a good sale, but nothing remarkable, made on them. The supply is fair and sufficient for all demands. Activities are kept up just now almost entirely in funeral work, which is good. Carnations are a little off crop, but roses are beginning to come in nicely and will surely be in full flower for Easter. All energies are being bent now on the Easter supply which promises abundantly in both plants and cut flowers. There will be plenty of lilies, roses and carnations. All the bulbous stock is plentiful now, and fills in for whatever shortness there is in roses and carnations.

#### NOTES.

McIntyre Bros., who are among the most industrious and successful florists of the city, have made a new purchase of a large place on which to establish their greenhouses, while the old ones will not be abandoned. The new place consists of thirty-six acres on the Kilvington boulevard, located two and one-half miles from the public square,

and approached very nearly by the trolley cars. They will not take possession of the property for some months yet, but in the meantime will be preparing to make their improvements in the quickest manner possible.

M. C. D.

### Rhinebeck, N. Y.

The largest violet producing section in this country, if not in the world, is at Rhinebeck, N. Y., a town located in a delightful section on the Hudson river, a short distance from New York, amidst the many towns which the wealthy New York merchants and bankers have selected for their residences. Many of the growers of this section ship their product to the large commission houses for here are located from 175 to 200 establishments devoted to violet culture. The Rhinebeck Violet Association, however, deals directly with the florist and a correspondent of the Poughkeepsie Evening Star thus describes this enterprise: "In five years this association has built six houses of modern construction, 20x200 feet each and under these roofs which cover an area of 24,000 square feet, are housed 45,000 plants. The rich soil taken from the grounds of the association adjacent to the houses, where the company own several acres, has much to do with the healthy perfect growth of the plants and the development of the blooms. The growing is under the charge of Superintendent John Kolbinski, a practical grower, who thoroughly understands violet culture and the propagation of and culture of the plants and the shipment of the flowers are under his personal supervision. Connected with the houses are the packing and shipping rooms, which are provided with modern lavatories, baths, etc., and here are located stationary tanks which receive the bunches of violets as fast as they are made up, keeping them fresh. The facilities are such that seventy thousand and blooms can be speedily handled, and the company has acquired a reputation for getting its flowers into market in prime condition.

Speaking of the industry in general about Rhinebeck, Ernest Steenburgh, president of the association, says: "The violet raised in the Rhinebeck houses is acknowledged the superior of others. It is not raised elsewhere to any extent. This is said to be due to the soil, water and air. We grow the Marie Louise and Farquhar, the double violets, which bloom in deep rich color, have a soft velvety surface, and an enduring freshness and fragrance, largely because of the experience of the growers and the care they give them. The violet is taking the place of lilies for Easter, is in greater demand for the holidays, and has become



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Wholesale and Retail Dealers

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Ferns, Bronze and

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NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly, on receipt of same.  
 Give us a trial. We know we can please you.

Baldwell the Woodsman Co., Evergreen, Ala.

## MOSS AND PEAT

Carefully selected fresh stock.

Sphagnum Moss, burlapped: no dirt, roots or sticks.

10 bbl. bales.....\$4.00 per bale

5 bbl. bales.....2.25 per bale

Rotted Peat, .....90c per sack

"Not how cheap—but how good."

J. H. SPRAGUE, Barnegat, N. J.

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Now ready for shipment.

Perpetuated and Natural Sheet **MOSSSES**

Satisfaction guaranteed.

E. A. BEAVEN, Evergreen, Ala.

the fad for St. Valentine remembrances. The members of the association are men who have interested themselves largely in making the Rhinebeck violets the peers of all others in the markets. They are Ernest Steenburgh, president; L. Sudlow, vice-president; Harry Smiley, treasurer; J. F. Mulrein, secretary; and John Kolbinski, superintendent.

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Established in 1857.



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Greenhouses: Short Hills, N. J.  
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2094 Broadway, cor. 72nd St.

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Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

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FLORISTS

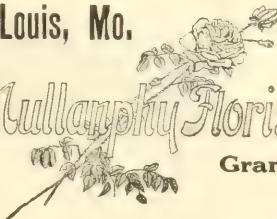
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## Baltimore, Md.

J. DAN BLACKSTONE



FROM NEW YORK EXCEPT AS NOTED

April 3.

New Amsterdam. Holl.-Amer. 10 a. m., Hoboken Pier.

April 5.

Mauretania. Cunard. Piers 54 and 56, North River.  
FROM BALTIMORE. Hannover. No. Ger. Lloyd. 2 p. m., Pier 8, Locust Point.

April 6.

La Lorraine. French. 10 a. m., Pier 57, North River.  
Roon. No. Ger. Lloyd. 10 a. m., Hoboken Pier.  
FROM ST. JOHN. N. B. Gramplan. Allan. 2 p. m.

April 7.

FROM ST. JOHN. N. B. Empress of Ireland. Can. Pacific. 12 noon.

April 8.

Baltic. White Star. 11 a. m., Piers 60 and 61, North River.  
Finland. Red Star. 10 a. m., Pier 59, North River.  
America. Ham.-Amer. 2 p. m., Hoboken Pier.  
New York. American. 9:30 a. m., Pier 62, North River.  
Furnesia. Anchor. 3 p. m., Pier 64, North River.  
Frederich der Grosse. No. Ger. Lloyd. 11 a. m., Hoboken Pier.  
Germania. Faber. 3 p. m., Amity Dock.  
FROM PHILADELPHIA. Ypirangia. Ham.-Amer. 11 a. m.  
FROM ST. JOHN. N. B. Corsican. Allan.

St. Paul, Minn.

## Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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## WILLIAM L. ROCK Flower Co.

Will carefully execute orders for Kansas City, and any town in

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## Atlanta Floral Co.

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Telephone 2065-2066 Madison Square.  
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To cut of town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

Terre Haute, Ind.

John G. Heintz & Son,  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

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The Texas Seed and  
Floral Company

Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

Washington, D. C.

GEO. H. COOKE  
FLORIST  
Connecticut Avenue and L Street.

Rochester, N. Y.

J. B. KELLER SONS,  
FLORISTS  
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Rochester Phone 506. Long Dist. Bell Phone 2189

St. Paul, Minn.

L. L. MAY & CO.  
Order your flowers for delivery  
in this section from the

LEADING FLORISTS OF THE NORTHWEST.

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Geo. M. Kellogg  
Flower & Plant Co.  
1122 Grand Ave.  
Kansas City and  
Pleasant Hill, Mo. Will fill all orders for Cut  
flowers, Funeral Designs,  
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that may be entrusted to them

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Write, Wire or Phone Your Orders to  
YOUNGS  
1406 Olive Street,  
Regular discount allowed on all orders, either  
Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

Louisville, Ky.

JACOB SCHULZ,  
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*Penn The Florist*  
"Penn, The Telegraph Florist"  
Telegraph us and we will reciprocate. We  
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43 BROMFIELD STREET.

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Successor to Sievers & Boland  
FLORIST  
60 KEARNEY STREET.

Denver, Colo.

The Park  
...Floral Co.  
J. A. VALENTINE, President.

Philadelphia.

Robert Kift,  
1725 Chestnut St.  
Personal Attention to all Orders.

Dayton, O.

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—FLORIST—  
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Flowers in any arrangement for all occasions,  
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THE J. M. GASSER COMPANY,

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Euclid Avenue  
We Cover All Points in Ohio.



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MYER, FLORIST, 609-611 Madison Ave  
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FLORAL DECORATORS  
2139-2141 Broadway  
Telephones: Choice Cut Flowers  
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Mention the American Florist when writing

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Established 1880  
Orders for delivery in this city and every city  
in United States and Europe solicited by  
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Successor to Chas. W. Reimers.  
.....223 S. Fourth Avenue  
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WHOLESALE AND RETAIL FLORIST  
Also Manufacturer of ARTIFICIAL FLOWERS,  
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Cedar Rapids, Iowa.

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The Leading Florist of Cedar Rapids,  
Will fill your orders for Designs and Cut  
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Wholesale and Retail Florist.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.  
ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

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FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

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The Most Central Location in City.

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Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

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All Orders Given Prompt and Careful Attention

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Send flower orders for delivery in

**Boston and all  
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124 TREMONT ST.

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FLORISTS.

Phones: Home 1388. Cumb. Main 1388 A.  
.....634 Fourth Avenue.

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Established 1874.

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Orders will be carefully  
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Wholesale and Retail Florist of GRAND RAPIDS

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade.

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

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**The Cleveland Cut  
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Will fill your orders for designs and cut flowers in  
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**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

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A Specialty. 216 W. 4th St.

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Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, June, 1911.

GLADIOLUS planting stock should go into the ground early.

INCOMPETENCE, not dishonesty, is the bane of seed trade helpers, says an experienced seedman.

POTATO growers are stiff on contract prices. They need a 17-cent spring trade again to bring them back to earth.

"LITTLE brown brother," Japanese bulb dealer and grower, is thought to be willing to boost lily prices as well as dividends.

ONE Western mail order seedman, who reports the season 20 per cent behind last year, attributes the falling off to the bad drought of last summer.

Chicago.—Prices on the board of trade March 29 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

VISITED BOSTON: W. Atlee Burpee, Philadelphia, Pa.; J. C. Vaughan and wife, Chicago; R. Livingston, Columbus, O.; W. E. Marshall, Ralph M. Ward and Harry Bunyard, New York.

EIGHTEEN THOUSAND packages of flower and vegetable seeds are to be turned back to the Department of Agriculture from this state because nobody wants them.—Schenectady (N. Y.) Star, March 21.

H. CHEESEMAN, representing Vaughan's Seed Store, writes from San Jose, March 21. "The floods in the valley are the worst in 20 years, considerable damage to crops must result. I noticed several onion fields under water, some lettuce in same condition. It will be some time before much work can be done."

FRENCH BULB prices, wholesale, probably will be fixed in the growing district about the first or third of April. There is no certainty that the slow sales of these bulbs in America last season and the surplus of white Roman hyacinths will be reflected in the new prices as local conditions are more likely to be considered.

## California Seed Crops.

Hollister, Calif., March 22.—It is difficult at this time to estimate the actual damage from flood and rain. In a general way we would say that onion has been damaged 15 to 20 per cent, one grower having entirely lost 90 acres. All growers are more or less injured, several hundred acres being under water, one to four days. Lettuce is also severely injured, but this item can be replanted. Radish being grown generally on higher ground, was not seriously injured. Some of the growers had not finished planting when the rain commenced March 6 and have been unable to work the ground to date. There will be a considerable acreage, lettuce, radish, etc., to be planted as soon as ground is in condition, which will make a large proportion of the California seed crops very late this season and in the absence of late spring rains they will be considerably under normal. One grower lost his entire carrot crop. One seed ranch had 200 acres under water several days. The storm carried away all bridges in San Benito county, where several large growers are located. Santa Clara county suffered heavily, also San Joaquin. There is heavy damage in the seed growing section in the southern part of the state, particulars of which we have not received as yet.

PIETERS-WHEELER SEED CO.

## Business Conditions.

Comparing the business conditions for 1911 with the same period in the years 1909 and 1910, the following have submitted their views in regard to the situation up to the date of writing.

Des Moines, Ia.—The Iowa Seed Co. advise us as follows: "We have received far more catalogue inquiries this season than we did last year. During January and February we received more retail orders than last year, but they amounted to less in money. So far in March our trade has been just about 10% less than last year, both in number of orders and in amount of money. We think the difference is in the seed corn trade which is almost nothing this year, while the demand was unusually heavy last season. This year's trade is better right through in all departments than two years ago. Last year we had considerable warm weather during the first half of March so that the local trade started in earlier, while this year, we had rather cold backward weather, and nothing could be started. During

the past week, however, trade has started up lively and the local demand is rapidly gaining what it lost in the early part of March."

St. Paul, Minn.—L. L. May & Co. state: "The catalogue trade in comparison with last year, has been disappointing so far, and not up to the volume of sales a year ago. We note a falling off in the demand for field seeds. We presume, however, this is largely due to the adverse season of last year on account of the drought, and it seems, at the present writing, the same condition may exist this year. Everything is exceedingly dry in the northwest. If we have a quantity of moisture next month, it would help very materially, but we doubt if this year's catalogue seed trade will equal 1909 or 1910."

Grand Rapids, Mich.—The A. J. Brown Seed Co. writes: "Trade with us the first part of March was not up to last year by 20%. Since March 15 it has been on the gain and up to date we are not very far behind last year. If the demand continues we think we shall not fall behind March a year ago, and there is a possibility that we may show a slight gain, although that can hardly be expected for March 1910 was a record breaker."

Orange, Conn.—S. D. Woodruff & Son, write: "We are in the midst of what we believe to be the biggest rush of business in the history of our establishment and trade in all lines has been far ahead of 1909 and somewhat ahead of 1910. The demand for critical stocks has never been so great. From present indications, it looks as if the year's business would show a material growth above any year in our experience."

Minneapolis, Minn.—Northrup, King & Co., inform us that the 1911 business compares favorably with that of 1910. Our section of the country needs moisture. If we had good rains for a week or more our trade would improve very much.

Louisville, Ky.—Woods, Stubbs & Co. state that the seed business shows a marked improvement over previous years, on both garden and field seeds and high prices on some stocks has lessened the demand.

Chicago.—Vaughan's Seed Store reports: "Book accounts are ahead, mail orders ten to fifteen per cent behind. Counter trade about the same."

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,  
PEDRICKTOWN, N. J.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



## John Bodger & Sons Co.

Los Angeles, California

Wholesale growers of Sweet Peas, Tomatoes, Lima Beans, Lettuce, Asters, Cosmos and other Flower Seeds.

Mention the American Florist when writing

## Henry Fish Seed Co.

Bean Growers

For the Wholesale Seed Trade.

CARPINTERIA, CALIF.

## SEEDS

OF ALL KINDS APPLY TO

W. W. JOHNSON & SON, Limited,  
Boston, England.



H. WREDE,

LUNEBURG, GERMANY

PANSY SEED

175 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles,  
1000 seeds, finest mixed... 25c  
1 oz. ...\$2.25

Price list on application. Cash with order

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

## J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

GET QUOTATIONS FROM

## LANDRETH

SEEDS which SUCCEED

Bloodsdale Farm. **Bristol, Pa.**

## The Everett B. Clark Seed Co.

Growers for the Trade

Beans, Peas, Sweet Corn, Onion, Turnip, Radish, Beet, Etc.

Branches: Michigan and Wisconsin. **MILFORD, CONN.**

## ROUTZAHN SEED CO.

Ar-ojo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

## ALL LEADING VARIETIES FLOWER SEEDS.

Vick's Asters, Sweet Peas, Nasturtiums, Poppies, Marigolds, Gourds.

## VEGETABLE SEEDS.

Beans, Beets, Cabbage, Corn, Cucumber, Lettuce, Onions, Peas, Radish, Squash.

Lawn Grass and Clover Seeds, Best Grades of Farm Seeds.

Dahlias, Tuberoses, Gladioli, Tuberos Begonias, Lycoris, Cannas, Coleus, Geraniums.

## Hardy Flowering and Foliage Plants.

Vines, Shrubs and Roses.

SEEDSMEN,  
**James Vick's Sons, Rochester, N. Y.**

## Francis Brill Choice Seeds

—Grower and Dealer—

**Hempstead, L. I.  
NEW YORK.**

For Gardeners, Truckers and Plant Growers

Long Island Cabbage Seed, Cauliflower, Egg, Pepper, Tomato, Etc.,

Price Lists Free. QUALITY FINEST  
Wholesale and Retail

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

## S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

Florists and Seedsmen. Scratch or Pou'try Food  
Sell Your Own

We will make it for you under your own brand for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
J. BOLDIGIANO & SON, Importers and Wholesalers  
(Established for 92 years) Baltimore, Md.

ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.  
Telephone 4235 Gramercy.

## SEEDS

Best that grow. We sell direct to gardeners and fl. lists at wholesale. Big beautiful catalogue free. Write today.

ARCHIAS' SEED STORE, Box 52, Sedalia, Mo.

## Summer-Flowering BULBS

### CALADIUM ESCULENTUM

Live center shoots, free from rot.

|                | Per doz. | Per 100 |
|----------------|----------|---------|
| 5-7.....       | \$0 35   | \$1 80  |
| 7-9.....       | 50       | 3 50    |
| 9-11.....      | 85       | 6 00    |
| 12 and up..... | 1 75     | 14 00   |

### GLADIOLUS

|                        | Per doz. | Per 1000 |
|------------------------|----------|----------|
| Mrs. Francis King..... | \$2 65   | \$23 00  |
| Name Monnet.....       | 2 25     | 20 00    |
| Florist Mixed.....     | 1 75     | 15 00    |
| Extra Fine Mixed.....  | 2 00     | 18 00    |

### TUBEROUS BEGONIAS

|                               | Per 100 |
|-------------------------------|---------|
| Single { Scarlet.....         | \$2 50  |
| { White.....                  | 2 50    |
| { Pink.....                   | 2 50    |
| { Yellow.....                 | 2 50    |
| Doubles, colors as above..... | 4 50    |

### TUBEROSES

|                           | Per 1000 |
|---------------------------|----------|
| Dwarf Pearl, mod. um..... | \$ 7 50  |
| 1st size.....             | 10 00    |

### LILY BULBS

|                                  | Per 100 |
|----------------------------------|---------|
| Lil. Auratum.....                | \$2 50  |
| 9 to 11 inches, 120 to case..... | \$8 00  |
| Lil. Rubrum.....                 | Per 100 |
| 8 to 9 inches, 160 to case.....  | \$4 75  |
| 9 to 11 inches, 120 to case..... | 8 00    |
| Lil. Album.....                  | Per 100 |
| 8 to 9 inches, 160 to case.....  | \$ 7 50 |
| 9 to 11 inches, 120 to case..... | 10 00   |

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.



# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation. Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** Next delivery—White Wonder March 27, and Gloriosa April 4. Our March 15 delivery of White Wonder and March 15 and 27 delivery of Gloriosa were all sold in 5 days after our advt. appeared.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# CARNATIONS

## White House

The Quality White. Won the Silver Cup at Morris-town for best undisminated variety; Bronze Medal at Pittsburg, and five other certificates. Absolutely non-bursting, clean and kind in growth, and a variety that will make good. We have 10,000 for March delivery, and that is all we will be able to supply.

## Princess Charming

The finest thing in sight in the Enchantress shade of pink. Every bud a perfect flower, and your net returns per square foot will surprise you.

Our stock is limited, but we are still in a position to supply first-class rooted cuttings of this variety at \$12.00 per 100; \$100.00 per 1000.

## CHRYSA nthemums

We catalogue over 500 varieties, and surely we have the kind you want.

CHAS. H. TIPPY,

MADISON, N. J.

### Cleveland.

#### CHANGEABLE WEATHER.

The past week was a typical March sample of weather, snow, rain and bright springlike weather in liberal proportions, but the business was satisfactory notwithstanding. Callas and Easter lilies had a remarkably good call, and stock is of exceptionally fine grade. Roses are becoming plentiful, but the demand so far has kept them moving along nicely, some very good sized orders coming in daily, both for city and shipping trade. Carnations are becoming more plentiful, but the demand is good, although the price on quantities has lowered somewhat. Several orders for white carnations for the churches cleaned this color up, and red was also much in demand. Sweet peas are good, and clean up nicely. Violets are in better demand. Greens are becoming more plentiful, but smilax is a little scarce. Bulbous stock is not in such large supply as last week. Box-wood is good and selling in case lots.

C. B. Wilhelm has about completed his new store at 3610 W. Twenty-fifth street, which is modern and up-to-date in every particular. Mr. Wilhelm intends to move from W. Fourteenth street where he now resides to the apartments over the new store.

Copas Bros., Elyria, will move into their new store about April 1.

C. F. B.

## Geraniums

|                                              | Per 100 |
|----------------------------------------------|---------|
| S.A. Nutt and 6 other vars., 3-in. pots.     |         |
| April 15.....                                | \$4 00  |
| Asp. Plumosus, April 15.....                 | 2 00    |
| Sprengeri, April 1.....                      | 2 00    |
| 10 vars. Cannas, April 1.....                | 4 00    |
| King Humbert, 3½-in. pots                    | 6 00    |
| Alternantheras, red and yellow, 2½-in. pots. |         |
| April 10.....                                | 2 00    |

Please,  
Cash.

JOS. H. CUNNINGHAM, Delaware, O.

## Coleus

|                                      | Per 100 |
|--------------------------------------|---------|
| 10 varieties, 2-in. pots.....        | \$2 00  |
| Vinca Var., 2½-in. pots.....         | 2 50    |
| Verbenas, April 1.....               | 2 00    |
| Plumosus Seedlings, April 20.....    | 1 25    |
| Sorengeri Seedlings, April 1.....    | 1 00    |
| Pansy Plants, April 1.....           | 1 25    |
| Salv as, 2 in. pots, April 10.....   | 2 50    |
| Petunia Seed lings, Double Seed..... | 2 50    |

## GLADIOLUS "NIAGARA"

The most beautiful of all light colored Gladioli since the introduction of "America." Large Orchid flowers, Beautiful light buff or cream throat splashed carmine; with stamens a shade lighter. A delightful combination of color. Grand Florists' Flower. Limited stock of bulbs for sale \$150.00 per 1000, \$15.00 per 100; 50 at 100 rate; less than 50, 25c each, prepaid.

FRANK BANNING,  
GLADIOLUS SPECIALIST.

Kinsman, Ohio.  
ORIGINATOR OF "AMERICA."

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2½ in. pots; place your orders early so as to secure early delivery. We would also be pleased to fill your order for Aster Seed as we have one of the finest strains known as well as a good list of the standard kinds.

ELMER D. SMITH & CO.,

Adrian, Mich.



SPENCER SWEET PEAS

# VAUGHAN'S SWEET PEAS

## Special Offer

### SPENCER VARIETIES

|                                                                                                                                                                                                                         | Oz.    | $\frac{1}{4}$ lb. | 1 lb.  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------|--------|
| Apple-Blossom, crimson pink & white, shaded .....                                                                                                                                                                       | \$0.20 | \$0.60            | \$2.00 |
| Asta Ohn, a lavender Spencer .....                                                                                                                                                                                      | .20    | .60               | 2.00   |
| Aurora, orange rose, striped on white .....                                                                                                                                                                             | .25    | .90               |        |
| Blanche Ferry, pink and white .....                                                                                                                                                                                     | .30    | 1.00              | 3.75   |
| Captain of the Blues, purplish mauve .....                                                                                                                                                                              | .20    | .60               | 2.00   |
| Clara Curtis, a primrose Spencer .....                                                                                                                                                                                  | .15    | .40               | 1.50   |
| Countess of Spencer Variety, true pale pink, darker edge; fine .....                                                                                                                                                    | .10    | .40               | 1.50   |
| Dainty, white with pink edge, unique .....                                                                                                                                                                              | .30    | 1.00              | 3.75   |
| Ethel Roosevelt, soft, pleasing primrose, overlaid with dainty flakes of blush-crimson, 20 seeds, 25c.                                                                                                                  |        |                   |        |
| Florence Morse Spencer, delicate blush, with pink margin .....                                                                                                                                                          | .10    | .30               | 1.00   |
| Florence Nightingale, The flowers truly magnificent, and of immense size, frilled and well waved. The color is most charmingly soft and yet rich lavender, enlivened by a very faint sheen of rose-pink. 20 seeds, 25c. |        |                   |        |
| George Herbert, almost a self carmine scarlet self .....                                                                                                                                                                | .10    | .35               | 1.25   |
| George Washington, glorious crimson .....                                                                                                                                                                               | .40    | 1.50              | 5.75   |
| Helen Lewis or Orange Countess .....                                                                                                                                                                                    | .05    | .15               | .50    |
| John Ingman, rich rosy carmine .....                                                                                                                                                                                    | .10    | .25               | .80    |
| King Edward VII, the best of the rich red sorts .....                                                                                                                                                                   | .25    | .70               | 2.50   |
| Mrs. Routzahn, deep cream ground, with decided rose edge .....                                                                                                                                                          | .25    | .80               | 3.00   |
| Mrs. Walter Wright, mauve color .....                                                                                                                                                                                   | .20    | .60               | 2.00   |
| Othello, beautiful dark brown chocolate red color .....                                                                                                                                                                 | .25    | .80               | 3.00   |
| Paradise, deeper in color than Countess of Spencer .....                                                                                                                                                                | .10    | .25               | .80    |
| Primrose, true primrose color; Spencer type .....                                                                                                                                                                       | .05    | .15               | .60    |
| Queen Victoria, soft yellow .....                                                                                                                                                                                       | .35    | 1.00              | 4.00   |
| Rose du Barri, deep rich carmine-rose and orange. 20 seeds 15c.                                                                                                                                                         |        |                   |        |
| Senator, maroon and violet striped white .....                                                                                                                                                                          | .40    | 1.50              | 5.75   |
| White, best pure white Spencer .....                                                                                                                                                                                    | .05    | .15               | .50    |
| Spencer Hybrids, special mixture .....                                                                                                                                                                                  | .05    | .15               | .50    |

### UNWIN AND GRANDIFLORA TYPES

Any of the following per oz. 5c, except where noted.

|                                                                                                  | $\frac{1}{4}$ lb. | 1 lb.    |
|--------------------------------------------------------------------------------------------------|-------------------|----------|
| America, the brightest blood-red, striped white .....                                            | \$0.10            | \$0.25   |
| Aurora, orange rose, striped white .....                                                         | .10               | .25      |
| Black Knight, dark maroon .....                                                                  | .10               | .35      |
| Blanche Ferry, pink and white .....                                                              | .10               | .25      |
| Bolton's Pink, pink shaded rose .....                                                            | .10               | .30      |
| Bridesmaid, bright and deep pink .....                                                           | .10               | .30      |
| Captain of the Blues, purplish mauve .....                                                       | .10               | .35      |
| Dainty, white, with pink edge, unique .....                                                      | .10               | .30      |
| David R. Williamson, rich indigo blue .....                                                      | .10               | .30      |
| Dorothy Eckford, one of the best whites .....                                                    | .10               | .25      |
| Dorothy Tennant, deep rose mauve .....                                                           | .10               | .25      |
| Duke of Westminster, deep rose maroon, overlaid with bright shining violet .....                 | .10               | .25      |
| Earl Cromer, claret magenta, self-color .....                                                    | .10               | .35      |
| Earliest of All, special selection, pink and white .....                                         | .10               | .40      |
| Emily Henderson, white, early and free .....                                                     | .10               | .25      |
| Evelyn Byatt, fine orange salmon .....                                                           | .10               | .30      |
| Frank Dolby, largest and finest pale blue .....                                                  | .20               | .75      |
| Flora Norton, a very bright blue .....                                                           | .10               | .30      |
| George Stark, brick red .....                                                                    | oz., 20c          | 60 2.00  |
| Gladys Unwin, pale rosy pink .....                                                               | .10               | .35      |
| Helen Pierce, blue, with dark grain markings .....                                               | .10               | .35      |
| Hon. Mrs. E. Kenyon, the best yellow to date .....                                               | .10               | .30      |
| Janet Scott, deep pink .....                                                                     | .10               | .30      |
| Jeanie Gordon, standard, bright rose shaded cream .....                                          | .10               | .30      |
| King Edward VII, dark rich red .....                                                             | .10               | .40      |
| King Edward VII, Special selection .....                                                         | oz, 15c           | .40 1.50 |
| Lady Grisel Hamilton, best of all lavender sorts .....                                           | .15               | .60      |
| Lord Nelson, deeper and richer than Navy Blue .....                                              | .10               | .30      |
| Lord Roseberry, rosy carmine, self color .....                                                   | .10               | .30      |
| Lottie Eckford, white suffused lavender .....                                                    | .10               | .25      |
| Lovely, soft shell pink .....                                                                    | .10               | .25      |
| Maid of Spain, white, edged lavender .....                                                       | .10               | .30      |
| Miss Millie Maslin, rosy crimson .....                                                           | .20               | .60      |
| Mrs. A. Watkins, large pale pink .....                                                           | .15               | .45      |
| Mrs. Collier, shade lighter than Hon. Mrs. E. Kenyon .....                                       | .10               | .40      |
| Mrs. Geo. Higginson Jr., a clear, delicate light blue showing practically no tint of mauve ..... | .10               | .25      |
| Mrs. Walter Wright, beautiful mauve color .....                                                  | .10               | .40      |
| Navy Blue, deep violet blue .....                                                                | .10               | .35      |
| Nora Unwin, giant white .....                                                                    | .15               | .50      |
| Othello, a beautiful dark brown chocolate-red color .....                                        | .10               | .30      |
| Phyllis Unwin, deep rosy carmine, self giant flower .....                                        | .10               | .30      |
| Prince Olaf, striped and mottled blue on white ground .....                                      | .15               | .50      |
| Queen Alexandra, giant size scarlet .....                                                        | .10               | .40      |
| Queen of Spades, buff color, self-color .....                                                    | .10               | .25      |
| Saint George, brilliant orange scarlet .....                                                     | oz., 10c          | .40 1.50 |
| Salopian, one of the best of the dark bright reds .....                                          | .10               | .25      |
| Scotchman, chocolate, striped white .....                                                        | .10               | .30      |
| Sun's Queen, creamy buff, flushed pink .....                                                     | oz., 10c          | .25 1.00 |
| White Wonder, the many-flowered white .....                                                      | .10               | .40      |

### SWEET PEAS

Vaughan's Prize Mixture—This mixture contains the cream of the new and standard sorts, including most of the new Spencer varieties. It is made up entirely of separate named sorts, carefully proportioned as to its composition, and we can safely say "there is no better mixture in existence," no matter at what price or under what name it may be offered. Per  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.

### IN MIXTURE

Vaughan's Florist Mixture—This is a mixture made by ourselves, of principally light-colored varieties, suitable for florists' cut-flower trade. It is a very carefully proportioned mixture and gives satisfaction. Per  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; 5 lbs., \$2.75.  
Eckford Mixture—This mixture contains over thirty varieties, including some of the novelties of 1910 and other choice sorts. Per  $\frac{1}{4}$  lb., 10c; 1 lb., 25c; 10 lbs., \$2.00.

**VAUGHAN'S**  
25 Barclay St., NEW YORK

**SEED STORE**  
31-33 W. Randolph St., CHICAGO  
(New No., same location.)



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice President;  
S. W. Severance, 503 Illinois Life Building, Louisville, Ky., Secretary; M. L. Ruettenk, Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

Plow and harrow quick; do it now.

MEXICAN cantaloupes will probably be a record crop this year and about 200 cars from the western part of the country will be shipped to the United States. The crop, according to figures given by experts, will mature about a month earlier than the Imperial Valley and Coachella (California) cantaloupes and owing to the abundant rains and absence of frost will be greatly in advance of other years in quantity and quality. The earliest shipments will go directly east but later western points will be served before local crops are ready.

### Prices of Indoor Fruits and Vegetables.

New York, March 24.—Mushrooms, 60 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 25 cents per pound; radishes, 50 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, \$1.00 per pound; beans, 25 cents per quart; peas, 40 cents per quart.

Chicago, March 27.—Mushrooms, 30 cents per pound; cucumbers, \$1 to \$1.40 per box, small; lettuce, 17½ cents to 20 cents per pound; radishes, 20 cents to 40 cents per dozen bunches; rhubarb, 40 cents to 60 cents per dozen bunches.

### Diseased Lettuce.

ED. AMERICAN FLORIST.—

Can you inform me what is the matter with my lettuce plants of which I send leaves? I find a lively white bug on the leaves, is it the cause? Can I use sulphur and lime on hot water pipes and how much for a house 28x95 feet? If the sulphur and lime cannot be used could I burn sulphur? How much nitrate of soda should be used on a bench of lettuce, 5x95 feet and 4 inches deep. A SUBSCRIBER.

The specimen leaves arrived too shrivelled and dried up to permit a fair examination. The traces of white would lead one to believe the whole would lead one to believe the whole trouble was mildew. If this is the case, the enemy is a more formidable one than most any insect pest. We believe mildew is more destructive than an insect pest. It is generally caused by high temperatures followed by cold air currents such as open doors or too much air on ventilators in windy weather. Excessive moisture overnight is also a bad factor. Mildew will yield to sulphur, if combined with proper growing conditions, and the latter remedy is more important than the former. No amount of fumigation will correct bad management in regard to heating and ventilating. We have in these columns dwelled at length upon the importance of keeping lettuce on the cool side to encourage a sturdy growth which is almost immune to mildew. The

time to tone up lettuce is in the morning, just as soon as the temperature advances, put on some air.

Sulphur does not work well on hot water pipes as the temperature is generally too low. There are several patent fumigators on the market which evaporate sulphur. Burning it is dangerous practice. Sulphur is used to combat mildew and not insect pests. If the white enemy is an insect it must be a white fly, which we have never seen to attack lettuce. The remedy for white fly is hydrocyanic gas. If Subscriber wants to use this he had better study up thoroughly and commence with mild doses to find the proper strength. If we try a new remedy we never depend on any formula preferring to find our own safe line by a little experimenting. The amount of sulphur can be regulated by applying it while at work in the houses. It should not exceed a point where the operator would be compelled to leave.

The question in regard to nitrate of soda cannot be answered on a set formula as so much depends upon the condition of plants and ground. We always use nitrate and potash in combination, about one pound of potash to two of soda, and apply this between the rows after plants have a good hold. It is better to apply lightly once a week than heavy doses at one time. We have always had good results from the use of nitrate of soda but it is up to the grower to a very large extent to find the right amount and the right time to use it.

MARKETMAN.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades is bus easily exposed. Fresh sample risk, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address:

Trade Mark. American Spawn Co., St. Paul, Minn.

Cincinnati.

FALLING PRICES.

Going down! These two words give in a moment the movement of prices the last few days of last week and first part of this week. The demand was about normal, while the increased supply grew every day. This week started with a little stock left over from last week, but very large amounts came in on the early consignments from local growers, which until noon had not cleaned up entirely. Last week a number of large openings helped clean up the surplus in the market, but this was of course, at very low prices. Roses are coming in with a rush. The Killarney and White Killarney are as good as at any time this season. The Brides and Bridesmaids are excellent. Ivory and Mrs. Taft are arriving very strong. More than a sufficiency of Richmond are offered. Carnations are still holding up well as far as numbers and quality are concerned. The white is still bringing better prices than the others, but the prices of all have shaded. Easter lilies and callas are more than plentiful. To the list of bulbous stock has been added many shipments of small outdoor jonquils. On last Saturday some of the retailers along Vine street offered a special on these at five cents per dozen. Sweet peas, too, owing to the large quantities cut, have dropped in price. Lily of the valley sells none too well. The supply of and the call for asparagus, spengeri and plumosus is about equal. The early part of this week smilax ran short in the wholesale houses. H.

## Onion Seed -- Onion Sets

We are Extensive Growers and Dealers

Write for prices on the 1911 crop. We are also submitting contract figures of the 1911 crop of Onion Seed

Schilder Bros., Chillicothe, O.

Mention the American Florist when writing

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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Pansies, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Fuchsias, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.



## MUSHROOMS

NEW PURE TISSUE culture summer spawn. Now is the time, plant this new spawn; produces big crop white mushrooms all summer. Four other varieties winter planting; modern plan forcing plants, mushrooms, early quick crop. Book free. Fresh sample brick, 35c. postpaid. We are originators and manufacturers of pure tissue culture mushroom spawn. Order direct from laboratory.

Challenge Farm, 6961 Gravois Ave.  
ST. LOUIS, MO.

# Dreer's Decorative Plants

—FOR EASTER—

Selected Stock of Excellent Values.



KENTIA BELMOREANA

## Kentia Forsteriana

MADE-UP PLANTS

|                                                       | Each    |
|-------------------------------------------------------|---------|
| 8-in. tubs, 3 plants in a tub, 40 to 42 in. high..... | \$ 4 00 |
| 8-in. tubs, 3 plants in a tub, 42 to 45 in. high..... | 5 00    |
| 9-in. tubs, 3 plants in a tub, 4½ ft. high.....       | 8 00    |
| 10-in. tubs, 3 plants in a tub, 5 ft. high.....       | 10 00   |
| 12-in. tubs, 3 plants in a tub, 5½ ft. high.....      | 15 00   |
| 14-in. tubs, 3 plants in a tub, 6 ft. high.....       | 20 00   |

## Areca Lutescens

9-in. pot bushy plants 4 ft. high.....\$5.00 each

## Cocos Weddelliana

2½-in. pots, 6 to 8 in. high.....\$1.50 per doz., \$10.00 per 100.

7-in pots., 30 to 36 in high, splendid specimens.....\$2.50 each.

## Kentia Belmoreana

|                                                    | Each    |
|----------------------------------------------------|---------|
| 6-in. pots, 6 leaves, 24 in. high.....             | \$ 1 00 |
| 6-in. pots, 6 to 7 leaves, 30 in. high.....        | 1 50    |
| 7-in. pots, 6 to 7 leaves, 36 in. high.....        | 2 50    |
| 8-in. tubs, 6 to 7 leaves, 42 to 44 in. high.....  | 4 00    |
| 8-in. tubs, 6 to 7 leaves, 48 in. high.....        | 5 00    |
| 15-in. tubs, 7 to 8 leaves, 8 to 8½ ft. high.....  | 35 00   |
| 16-in. tubs, 7 to 8 leaves, 10 to 11 ft. high..... | 40 00   |
| 16-in. tubs, 7 to 8 leaves, 11 to 12 ft. high..... | 50 00   |

## Kentia Forsteriana

|                                                   | Each    |
|---------------------------------------------------|---------|
| 6-in. pots, 6 leaves, 30 in. high.....            | \$ 1 00 |
| 7-in. pots, 6 to 7 leaves, 42 in. high.....       | 2 50    |
| 8-in. tubs, 6 to 7 leaves, 45 in. high.....       | 4 00    |
| 8-in. tubs, 6 to 7 leaves, 50 in. high.....       | 5 00    |
| 9-in. tubs, 6 to 7 leaves, 5 to 5½ ft. high.....  | 8 00    |
| 10-in. tubs, 6 to 7 leaves, 5½ to 6 ft. high..... | 10 00   |

## Phoenix Canariensis

|                                                 | Each   |
|-------------------------------------------------|--------|
| 8-in. tubs, 36 to 40 in. high.....              | \$2 50 |
| 9-in. tubs, 42 to 46 in. high.....              | 3 00   |
| 10-in. tubs, 46 to 48 in. high.....             | 4 00   |
| 11-in. tubs, 48 to 52 in. high.....             | 5 00   |
| 18-in. tubs, specimen plants, 8 ft. spread..... | 40 00  |

## Phoenix Robelenii

|                                                       | Each   |
|-------------------------------------------------------|--------|
| Specimens 6-in. pots, 1½ ft. high, 2 ft. spread.....  | \$2 00 |
| Specimens 8-in. tubs, 2 ft. high, 2½ ft. spread.....  | 6 00   |
| Specimens 12-in. tubs, 2½ ft. high, 3 ft. spread..... | 12 50  |
| Specimens 14-in. tubs, 3 ft. high, 4½ ft. spread..... | 35 00  |
| Specimens 15-in. tubs, 3 ft. high, 6 ft. spread.....  | 50 00  |

For a Complete List of All Seasonable Stock, see our Current Wholesale List.

The above prices are intended for the Trade only.

**HENRY A. DREER,** 714 Chestnut St., **Philadelphia, Pa.**

Mention the American Florist when writing

## Latania Borbonica

\$40 per 100; 5 and 6-inch pots.

McIntyre Bros., Hillsboro Rd.,

NASHVILLE, TENN.

## WATER LILIES

Hardy, old-fashioned Garden Flowers;  
Hybrid Tea Roses, Azaleas, Rhododendrons, etc. Send for catalogue.

William Tricker, Water Lily Specialist, Arlington, N. J.

## Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 24-inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa

**Advertisers, Send Copy Early for Best Service.**



## The Nursery Trade

American Association of Nurserymen

W.P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shenandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

P. J. Berckmans Co., Augusta, Ga.

An erroneous report having been circulated that Fruitlands, the famous nursery owned by the late Prosper J. Berckman's, is to pass out of the control of his sons into the hands of his widow, who was Mr. Berckmans' second wife; it can be stated that the Fruitlands nursery is conducted by a corporation under the well-known name of P. J. Berckmans Co., the entire stock being owned or controlled by the late Mr. Berckmans' sons, Louis A., Robert C. and Prosper J. A. Berckmans Jr. Some years ago the late Mr. Berckmans made a deed of gift to his wife, but to the sons was left a large tract of land, which, in connection with other lands controlled and owned by them, will be amply sufficient for the conduct and enlargement of the business.

American Association of Nurserymen.

THIRTY-SIXTH ANNUAL CONVENTION  
JUNE 14, 15 and 16.

The members of this wide-awake association certainly have a great treat in store by the selection of St. Louis as the place for its thirty-sixth annual gathering.

The official program is not yet completed, but we have been able to learn from Chairman J. D. Dayton of the programme committee, enough to indicate a little of the treat in store. It is not intended to provide a surfeit of papers—just enough to fill the morning hours of each day, leaving the balance of the day at the disposal of the entertainment committee. Members will have the privilege of listening to such distinguished speakers as Professor Hunter and Professor William Trellease, of the Missouri Botanical Gardens, and a possible address of welcome by ex-Governor Hadley.

There will be no railroad certificates, the guarantee required being prohibitive, but tourists rates will be available from central points, and members should at once place themselves in communication with their local ticket agents. Taken altogether the outlook for an exceedingly large and successful convention is most excellent, and it will not surprise us if there are as many ladies present as gentlemen.

Secretary John Hall expects to issue his official circular early in April, and in the meantime he asks that members make prompt remittance of dues and applications for space in the badge book. His address is 204 Granite Building, Rochester, N. Y.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

## CLOSING - OUT SALE OF Ornamental Nursery Stock

Of the late Samuel C. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready,

ADDRESS

"MORRISVILLE NURSERIES"

WM. H. McCLOSSY, Former Supt., Agent.  
MORRISVILLE, PA.

## Ligustrum Ibota

The Privet Hedge, That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

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Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.

## Sugar Maple Seedlings

in any quantity.  
Write for prices.

Viburnum cassinoides, White Pine, Hemlock. 2,000 Pinus pungens,  
2,000 Pinus divaricata, and others in surplus. Write for lists and prices.

The largest collection of Hardy Azaleas and Rhododendrons in America  
Carload Shipments of Specimen Stock.

Highlands Nursery  
(3800 Ft. elevation in Carolina Mts.)  
and Salem Nurseries.

HARLAN P. KELSEY, Owner,  
Hardy American Plants, SALEM, MASS.

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.  
Mention the American Florist when writing

## Jacs Smits & Co.,

NAARDEN,  
(Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

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## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street,  
Davenport, Iowa  
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## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.  
Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

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## 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants, from 12 inches to 4 feet, will satisfy all in grade and price. Special low prices in car lots for Fall delivery: let me know your wants before purchasing.

Also a fine stock of AMPLOPSIS Vetchii, 2 years transplanted.

CHAS. BLACK, Hightstown, N. J.  
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## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.  
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## 25,000 CANNAS

To Close Out at Bargain Prices.

Chas. Henderson, Penn. Capt. Dreyon,  
Duke of Marlborough, \$1.50 per 100;  
\$14.00 per 1000.

Egandale, David Harum, \$2.00 per 100;  
\$18.00 per 1000.

Rich. Wallace, \$4.00 and Buttercup,  
\$4.00 per 100.

King Humbert, \$4.00 per 100; \$35.00  
per 1000.

These Prices are for Cash with order only.

Our Bulbs are absolutely true to name.

### W. W. COLES

Kokomo : : : Indiana

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#### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown  
in the pink dark class.

Won first honors in the 100 class for the best dark  
pink at the A.C.S. meeting, Pittsburg, January, 1910,  
also at the Chicago Flower Show, November, 1909.  
It is a pure, bright dark pink of even shade, size  
3½ inches, an early and continuous bloomer,  
brings fully 25 per cent more flowers to the plant  
than Lawson at its best; flowers well shaped on  
long wiry stems; calyx does not split. It is a good  
shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per  
5,000, \$400.00. 25 at 100 250 at 1000 rates. Place  
your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

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## Asp. Plumosus Nanus

GREENHOUSE GROWN

**SEED**

A delayed Crop has just come in: while  
the seed lasts we quote, pre-paid.

2,000 seeds \$ 7.50  
10,000 seeds 33 00

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Ask For

## NASH'S

Everything in Ornamental Shrubs. All  
grades and sizes. Send list for estimate.  
No catalogue.

## Shrubbery.

C. C. NASH, Nurseryman, Kalamazoo, Mich.

# Seasonable Stock

FOR FLORISTS

### Roses

Crimson Rambler, Dorothy Perkins, Lady  
Gay, Philadelphia, Hiram's, Tricolor, fine  
forcing grade, \$12.00 per 100

Baby Rambler, crimson and white 15.00 per 100

Frau Karl Druschki, Gruss an Teplitz, La  
France, Alfred Colomb, Gen. Jacqueminot,  
Magna Charta, Margaret Dickson, Marshall  
P. Wilder, Paul Neyron, Persian Yellow, for  
potting, \$12.00 per 100

Standard Roses, fine assortment, \$35.00 per 100

Half-Standard Roses, Baby Rambler and  
Mrs. Cutbush, \$35.00 per 100

### California Privet

Two years, transplanted bushy.  
3 to 4 feet, \$30.00 per 1000  
2 to 3 feet, 25.00 per 1000  
18 to 24 inches, 20.00 per 1000  
12 to 18 inches, 17.50 per 1000

### Tree Hydrangeas, Tree Altheas, Tree Lilacs

4 to 5 feet, fine well branched tops on straight  
stems, named varieties, \$25.00 per 100

### Berberis Thunbergii.

2 to 3 feet, bushy, \$12.00 per 100

And Lots of Other Attractive Offers

in our new price list. Send for copy.

And use printed letterhead, please, as we sell to the trade only.

## JACKSON & PERKINS CO.

NEWARK, Wayne County, NEW YORK

# 20 Houses 20

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|                            |                         |
|----------------------------|-------------------------|
| Rambler Roses              | 50c to \$10.00 each     |
| Acacias                    | \$1.00 to \$7.50 each   |
| Azaleas                    | 35c to \$5.00 each      |
| Marguerites                | 25c to \$5.00 each      |
| Lilies                     | 12 1-2 cents per flower |
| Bougainvilleas             | \$1.00 to \$5.00 each   |
| Heaths                     | 50c to \$1.00 each      |
| Boronias                   | \$1.00 to \$5.00 each   |
| Hydrangeas, Pink and White | 50c to \$5.00 each      |

The above stock will be just right for Easter. Greenhouses 40  
minutes from North Station, Boston.

## THOMAS ROLAND

Nahant, Mass.

One of the Most Complete and Best Equipped Nursery Plants in the United States.

## MOUNT ARBOR NURSERIES,

P. S. Welch, Prop. 137 Center St., SHENANDOAH, IOWA.

California Privet, a heavy surplus of strong well  
grown plants. Maples, Silver, Hard and Norway. Elm, Ameri-  
can white.

Roses, hybrid perpetuals, a splendid assortment  
cut door grown. Poplars, Carolina and Norway.

Birch, European White and Cut Leaved. Sycamore, American.

Submit us your list of wants, for we are always pleased to quote prices. Catalogue  
and Price List sent on application.

For Names  
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# Trade Directory

Price  
\$3



# FINE FERNS

— Ready for —  
Immediate Retail Sale

We have an exceptionally fine and large stock of the following varieties—first class plants of exceptionally good value—plants that will please the most critical buyers, both in regard to quality and value.

## Nephrolepis Elegantissima (Improved)

The finest of this type, never showing a Boston frond. It has not reverted for the last four years. Fine plants 6-inch pots, \$6.00 per dozen; 8-inch \$12.00 to \$18.00 per dozen; large specimens in 12-inch pans, \$3.00 to \$5.00 each.

## Small Ferns for Fern Pans

Best and hardest varieties, assorted—Pteris Mayii, Wimsettii, Adiantoides, Aspidium Tasmense, Cyrtomium Falcatum, etc. Nice plants, 2½-inch pots, \$3.50 per 100.

## Nephrolepis Elegantissima Compacta.

This bears the same relation to Elegantissima that Scottii does to Bostoniensis. It is a dwarf, compact plant, especially fine in the small sizes. Fine plants 6-inch pots, \$6.00 per dozen; 8-inch, \$18.00 per dozen; extra fine specimens in 12-inch pans, \$5.00 each.

## CROTONS

Fine assortment, well colored. 5-inch pots, \$9.00 per dozen.

**F. R. PIERSON CO.,**

**Tarrytown-on-Hudson, New York**

## Geraniums

S. A. Nutt. .... \$10.00 per 1000  
Ricard and Poitevine... 10.00 per 1000

Delivery after Easter.

## Coleus

Golden Bedder and Verschaffeltii..... \$ 6.00 per 1000

## Carnations

Late delivery at special prices. Send me a list of your wants for figures.

## Lime

The best ever made for florists' use. Cheaper than the cheapest. Hydrated, pulverized and bagged, at \$4.00 per half ton. Cash before shipment.

**ALBERT M. HERR**  
LANCASTER, PA.

## CHRYSANTHEMUMS

### Rooted Cuttings, ready.

2000 each A. Byron, Desjouis, Glory o Pacific, M. Bonaffon, Crema, and Robt. Halliday; 1000 each Touset, W. Bonaffon, Ivory, Pink Ivory, Rosette, Monrovia, and Yellow Jones, \$2.00 per 100; \$15.00 per 1000; 1000 each Golden Eagle, Edmund Alba and Mrs. Hurley, \$2.50 per 100; \$20.00 per 1000.

**Wm. Swayne,**  
KENNETT SQUARE, PA.

Davenport, Ia.

The fifth annual banquet of the Tri-City Florist Club was held at the Outing club, Davenport, March 23. This affair was to have been held at the Watch Tower inn, Rock Island, but owing to an accident there, the change was made necessary. It was one of the pleasantest affairs ever given by the club and was well attended. The decorations surpassed anything ever made before, and were, no doubt, the finest ever seen upon a like occasion in this part of the country. The committee in charge deserve great credit for the manner in which everything was managed. Theo. Ewoldt, president of the club, acted as toastmaster, and the members responded in a happy vein. After the banquet, dancing was enjoyed for the remainder of the evening, and a most pleasant social time was held, until the early hours of the

ORDERS BOOKED NOW FOR

# Carnation BENORA

For 1911-12 Delivery

Watch for it at the National Flower Show

Call and see it or send for descriptive circular.

**PETER FISHER,** Ellis, Mass.

— For the Best New and Standard —

## DAHLIAS

— address —

**PEACOCK DAHLIA FARMS,**

Williamstown Junction, N. J.

Post Office: Berlin, N. J.

Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

**WEITMANI FERNS**

2½-in., \$5.00 per 100; \$40.00 per 1000,  
250 at 1000 rate.

Magnifica, 2½-inch 15c each.

**HENRY H. BARROWS & SON,** Whitman, Mass.

Mention the American Florist when writing

## Ferns for Dishes

Per 100 Per 1000

2¼-in. .... \$3.50 \$30.00

500 at 1000 rates. Cash with order.

**FRANK OECHSLIN,**

4911 Quincy St.,

CHICAGO

Mention the American Florist when writing

morning. The committee desires to thank all those who so liberally gave flowers and aided in making the fifth annual banquet one long to be remembered.

T. L. E.

**Araucaria Excelsa**, 5-in. pots, 3-4 tiers, 50c; 6-in. pots, 75c.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.; 1-year-old plants, \$2.00 per doz.

**Clematis Paniculata**, strong 2-year-old, \$10.00 per 100; 1-year-old, \$5.00 per 100.

**Asparagus Sprengeri**, strong, 3-in. pots, \$4.00 per 100; 2½-in. pots, \$2.50 per 100; 2-in. pots, \$2.00 per 100.

**Dracana Indivisa**, 4-in. pots, 10c; 5-in. pots, 20c; 6-in. pots, 30c each.

**Stock from 3-in. pots, \$4.00 per 100; Lemon Verbena**, Moonvine, large flowering, the true variety; **Fuchsias**, 4 varieties; **Echeveria**

**Glaucia**; **Salvias**, Bonhe and Zurich; **Variegated Geranium**, Mrs. Parker; **Geraniums**, best commercial varieties; **Swainsona Alba**

**Stock from 2½-in. pots, \$2.50 per 100; German Ivy**; **Impatiens**, Sultan and Holstein; **Cupress**; **Snagdragon**, white; **Fuchsias**, 4 varieties; **Variegated Vines**; **Lobellias**, double and single blue; **Ageratum**, blue; **Clematis Paniculata**; **Variegated Ice Plant**; **Bardy Pinks**, Napoleon III; **Abutilion Savitzi**; **Nutmeg** and **Rose Geraniums**.

**Rooted Cuttings**, from soil, \$1.00 per 100; **Carnation**, the Queen; **German Ivy**; **Salvias**, Bonhe and Zurich; **Filices**, 2 varieties; **Stevia**; **Ageratum**; **Tradescantia**; **Flus Repens**; **Lobellias**, single and double; **Santolina**; **Swainsona Alba**; **Verbena**, separate colors.

**Chrysanthemum Rooted Cuttings** from soil: **White Cloud**, Pacific Supreme, Bailey, Golden Glow, \$2.00 per 100.

**C. EISELE**

11th & Westmoreland Sts., Philadelphia, Pa.

IF YOU SAW IT IN

# THE FLORIST

SAY SO IN YOUR NEXT ORDER.

# Lilies

that can be shipped to you at any time that will be in just right for Easter, at 12½ cents per bud.

**Imported Hydrangeas**, 6-in., 6 to 8 heads, at \$1.01 and \$1.25; 8 in., 8 to 12 heads, at \$1.50 to \$2.00 each; 9 in., 10 to 20 heads, at \$2.00 to \$2.50 each.

**Spireas**, three varieties and sizes at 35, 50 and 75 cents; Pink variety at 50c, 75c and \$1.00 each.

**Baby Rambler Roses**, 3½ in., at 20 cents, large bushy plants in 6 in. at 75c and \$1.00 each.

**White Ramblers**, 4 in., \$20.00; 5 in., \$50.00.

**Hermosa and Souper Roses**, 3½ in., 20 cents; 4 in., 25 cents; 5 in., 50 cents each.

**Cinerarias**, 5 in., at 25 cents each.

**Bulb Stock**, we shall have 4 in., 5 in., and 6 in. pans of **Hyacinths**, as well as **Daffodils** and **Paper Whites**. Ask for our prices.

Besides other stock we shall have about 1,000 large 4 in. **Geraniums** and 400 or 500 5 in. ones in full bloom for Easter.

**Colcous**. We have about ten varieties, which we quote at 75c per 100, or \$5.00 per 1000 for rooted cuttings; \$2.00 per 100, or \$15.00 per 1000, for 2 and 2½ in.

**Silver Leaf Geraniums**, extra fine stock, at \$2.50 per 100.

**Double Sweet Alyssum**, at \$2.50 per 100.

Ask for our list of **Ferns and Decorative Plants** for Easter, as we have a very large stock.

Be sure and ask for our list of **Soft Wooded Plants**.

## GEO. A. KUHL

Wholesale Grower  
PEKIN, ILL.

## GLADIOLUS

Cinnamon Vines, Madeira Vines,

Lilies, Iris, Daphne, Cneorum, Syringa  
Japonica and Wistarias.

Write for price list

E. S. MILLER, Wading River, N.Y.

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft.....65c 3 to 3½ ft.....\$1.00  
2½ to 3 ft.....75c 3½ to 4 ft.....1.25

KENTIA NURSERIES, Santa Barbara, Calif.

Worcester, Mass.

Business continues good, and consisting chiefly of funeral work. There is a good supply of flowers at present, and the prospect for Easter is good.

### NOTES.

On March 2, Geo. McWilliam exhibited for the first time *Cymbodium Whitiniana*, a cross between *C. eburneum* and *C. Lowianum*, at a previous meeting he exhibited for the first time *Calanthe Whitiniana*, the result of a cross between *Calanthe Regneri* and *C. Veitchii compacta*.

PITTSFIELD, MASS.—John White, one of the oldest and a leading florist of Berkshire county, was married March 20 to Miss Mary Grey. The groom is 69 years and the bride, who was his bookkeeper, is 36 years of age.



## The Long Full Spikes

of

## Gladiolus Mrs. Francis King

Are most effective Window and Counter display in summer and early fall and sell at double the price because of their striking color and giant size.

Bulbs, all bloomers, \$18.00 to \$24.00 per 1000, according to size.

We are the introducers; this is another of our \$1000 kinds.

Vaughan's Seed Store,  
New York. Chicago.

# ORCHIDS

Visit us at National Flower Show, Mechanics' Building, Boston, Mass., March 25-April 1, 1911.

We will be there with an exhibit of Orchids that may interest you.

We offer at present a few hundred bulbs of *Calanthe Veitchii* for immediate delivery.

WRITE FOR PRICES

## LAGER & HURRELL

Orchid Growers and Importers, SUMMIT, N. J.

## ORCHIDS

We are one of the largest collectors and importers of Orchids.  
Investigate us.

CARILLO & BALDWIN, Mamaroneck, N. Y.

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

SANDER, St. Albans, Eng.  
NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.



# Extra Choice Grafted Rose Plants

Pink and White Killarney, Richmond and Maryland

In 2½-in pots ready for delivery April 15th

**\$12.00 per 100**

These young plants are taken only from selected wood of our strongest stock.

**Kaiserin, own root, 2 1-2 in. \$4.00 per 100; \$35.00 per 1000.**

## Bassett & Washburn,

OFFICE: 76 Wabash Ave., Chicago, Ill.  
GREENHOUSES: Hinsdale, Ill.

### Montreal.

#### EASTER PLANTS BACKWARD.

Three weeks before Easter and owing to the very severe winter plants will require a lot of forcing, almost all the plants will have to be forced to the limit to get them in on time. The same condition prevails almost everywhere, if Easter was not so late it would be next to impossible to have enough in on time. Lilies are well budded and with good foliage, but short in stem. Hydrangeas look promising with every shoot a bud, and if far enough advanced to color them in a cool house, will be grand. Spireas, as usual, will be in quantity. Lilacs, rhododendrons, deutzias and other flowering shrubs are forced in greater numbers now than formerly. Bulbous stocks are very fine and are easily handled at this time. Cut flowers are mostly shipped in, only about ten per cent of the supply being produced in this vicinity. The late carnations are looking very healthy and full of buds, and as the retailers always favor the home grown, the growers are bound to receive a handsome profit.

#### NOTES.

The sale of cut flowers in department and drug stores has forced several centrally located florists to prepare to move into cheaper quarters by the first of May. This is a serious competition to the florist. The stands are occupied at low rental in drug and other stores, sales are for cash only, no delivery except perhaps a boy, and the florist claims that prices are lower than those at which they are able to buy. This matter demands attention and the wholesaler made to see that if allowed to continue the cut flower trade is bound to go entirely into such hands, and then what is to become of the select and No. 1 stock?

The private conservatories were opened to the members of the Montreal Horticultural Society on certain named dates during February and March and list of places and dates furnished the members.

The delegation from this city to the National Flower show in Boston was not very large. James McKenna, G. A. Robinson, Wm. C. Hall, T. Gorman, A. Ferguson went March 25.

Radical regulations regarding the importation of nursery stock have been enacted by the government. Importation is restricted to certain ports and at stated periods.

LUCK.

READING, PA.—E. H. Bearse & Sons have moved to No. 40 North Ninth street. Owing to increasing business, the firm was obliged to secure larger quarters.

DENVER, COLO.—Preparations are under way by the Chamber of Commerce to hold a flower and fruit show in this city the coming fall. The agricultural committee of the chamber is composed of C. R. Root, Charles F. Best, William W. Griswold, Ed C. Howe, C. W. Keith, John A. Valentine and A. D. Wall.

## Seasonable Stock

**Azalea Mollis**, bushy seedlings, 12-15 in., \$25.00 per 100; 15-18 in., \$35.00 per 100.

**Rhododendrons**, best named varieties, 18-24 in., \$75.00; 24-30 in., \$100.00 per 100. Bushy seedlings, 18-24 in., \$60.00; 24-30 in., \$75.00 per 100.

**Roses**, Baby Dorothy, White Baby Rambler and Clothilde Souper, one year, field grown plants, cut back and grown cool in 3 and 4 in. pots all winter, now in full growth, fine stock \$ 0.00 per 100.

**Nephrolepis Scholzei**, strong 5 in., \$5.00 per dozen; \$35.00 per 100.

**Nephrolepis Bostoniensis**, fine 2½-in. stock, \$4.00 per 100.

**Nephrolepis Scottii**, strong 4 in., \$25.00 per 100.

Send for Catalog No. 5 if you have not received it.

**Primula Kewensis**, 3 in., \$5.00 per 100.

**Moonflower**, Ipomea Grandiflora, \$3.00 per 100.

**Anthericum Variegatum**, 2½ in., \$3.00 per 100. **Dracena Indivisa**, fine 2½ in., for growing on, \$3.00 per 100.

**Kentia Belmoreana**, young stock, in fine condition, 2½ in., \$8.00 per 100; 3 in., \$15.00 per 100; 4 in., \$35.00 per 100; 5 in., \$50.00 per 100.

**Kentia Forsteriana**, bushy, made-up plants, in tubs, 40-44 in. high, \$4.00 each; 44-48 in. high, \$5.00 each; 52-56 in. high, \$7.00 each.

**Arceia lutescens**, 7 in. pots, 3 in a pot, 26-28 in., \$1.00 each; 5 in. pot, 3 in a pot, \$4.50 in., \$2.50 each.

**THE STORRS & HARRISON CO., Painesville, O.**

Mention the American Florist when writing

## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateaufort, Golden Gate.

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2½-inch pots.

Send for circular.

**J. L. DILLON, Bloomsburg, Pa.**

## ROSES

See our list in classified columns. Best varieties and best quality. Order today. Stock will be reserved.

Wagner Park Conservatories, Sidney, O.

## SPIREAS

Fine Forcing Clumps

Gladstone.....\$ 9.00 per 100

Queen Alexandra, ..... 12.00 per 100

**VAUGHAN'S SEED STORE**

CHICAGO

NEW YORK

## 1000 My Maryland Roses

2½ in. pots, very strong and healthy.

Will make good 4 in. by planting time.

**250 KAISERIN**, 2½ in., very strong and healthy  
\$35.00 per 1000.

**STUPPY FLORAL CO., St. Joseph, Mo.**

## ROSES

|                                                                        | 2½-in. | 100     | 1000 |
|------------------------------------------------------------------------|--------|---------|------|
| Pink Killarney,.....                                                   | \$6.00 | \$55.00 |      |
| White Killarney,.....                                                  | 6.00   | 55.00   |      |
| Maryland,.....                                                         | 5.50   | 50.00   |      |
| Richmond,.....                                                         | 5.00   | 45.00   |      |
| Perles, Ready April 1,.....                                            | 5.50   | 50.00   |      |
| Richmond, Now ready,.....                                              |        |         |      |
| 3½-inch.....                                                           | 8.00   | 65.00   |      |
| Cut back benching Pink Killarney, \$60.00 per 1000; good strong stock. |        |         |      |

**POEHLMANN BROS. CO.,**  
Morton Grove, Ill.

## ROSES

A SPECIALTY.

**The Dingee & Conard Co.,**  
**WEST GROVE, PA.**  
Mention the American Florist when writing

# Bobbink & Atkins

## World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250-acre nursery a large variety of material constantly in demand by florists.

Our New Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES

**Palms, Bay Trees, Ferns,  
Evergreens, Conifers and Pines,  
Roses, Rhododendrons and Trees,**

**Boxwood and Hardy Herbaceous Plants,  
Flowering Shrubs and Fruit Trees,  
Vines and Climbers, Bulbs and Roots.**

We manufacture **TUBS** in every shape and size for florists. Ask for special list.

Florists are always welcome visitors to our nurseries.

We are only a few minutes from New York city; Carlton Hill station is the second stop on main line of Erie Railroad.

# BOBBINK & ATKINS

Nurserymen and Florists

RUTHERFORD, N. J.

## A FEW GOOD THINGS YOU WANT.

Geraniums, Natt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots. \$2.00; 3-in., \$4.00 per 100; Vinad. Castellane, Fothering. Jaulin, Ricard Buchner, R. C., \$1.50; 2-in. pots. \$2.50; 3-in., \$5.00 per 100.  
Whitman Ferns, 4-in. 25c each. 5-in. 35c.  
Boston Ferns, 5-in. 25c each.  
Vinca Var., 2-in. \$2.00 per 100.  
Dracena Ind., 4-in., \$10.00 per 100.  
Dracena Ind., 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
Asparagus Sprengerii, 2-in. \$2.50 per 100.  
Bellotrope, Blue, R. C. \$2.00 per 100.  
Cash with order.

GEO. M. EMMANS, Newton, N. J.  
Mention the American Florist when writing

## "Nothing but Roses"

Spring List ready

200 old and new sorts, 2½ and 4-in. on own roots.

THE LEEDLE FLORAL COMPANY  
SPRINGFIELD-OHIO

Mention the American Florist when writing

## A New Fern Nephrolepis Giatrasii

Awarded a Certificate of Merit by the Horticultural Society of New York.  
Prices: In 2½ inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates; 250 plants at 1000 rates. Orders delivered in rotation as received.

Now Ready for Delivery.  
GEORGE GIATRAS, 463 Summit Ave., West Hoboken, N. J.

Please mention the American Florist when writing

## PALMS, FERNS AND Decorative Plants

JOHN SCOTT, Rutland Rd. & E. 45th St., BROOKLYN, N. Y.

TREMONT, N.E.—Andreasen Bros. have just completed two new houses one 10x100 feet and the other 20x100 feet, in which they intend to grow bedding plants.

## QUALITY PLANTS

|                                                                                                                      |                  |                |
|----------------------------------------------------------------------------------------------------------------------|------------------|----------------|
| 2½-inch Boston, Whitman and Scottii.....                                                                             | Per 100          | \$ 3.50        |
| 3-inch.....                                                                                                          | .....            | 8.00           |
| 4-inch Boston and Scottii.....                                                                                       | .....            | 15.00          |
| 4-inch Whitman.....                                                                                                  | .....            | 12.50          |
| 5-inch Boston and Whitman.....                                                                                       | .....            | 20.00          |
| Asparagus Plumosus, 2-inch.....                                                                                      | .....            | 2.50           |
| 3-inch.....                                                                                                          | .....            | 5.00           |
| 4-inch.....                                                                                                          | .....            | 10.00          |
| Asparagus Sprengerii, 4-inch.....                                                                                    | .....            | 7.00           |
|                                                                                                                      | Per 100 Per 1000 |                |
| Vinca Variegata, out of 2-inch pots.<br>(These are divisions from field-grown stocks and will make fine plants)..... | .....            | \$2.00 \$18.00 |
| Shasta Daisy Alaska, 2-inch.....                                                                                     | .....            | 2.00           |
| Salvia Splendens, 2-inch.....                                                                                        | .....            | 1.50 12.50     |
| Coleus, Golden Bedder, Verschaf.....                                                                                 | .....            | 1.50           |
| celtii and others.....                                                                                               | .....            | 1.50 12.50     |

— Cash, please. —

## THE REESER PLANT COMPANY

Successor to  
Reeser & Youngstrand, Springfield, Ohio

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums  
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL, New York.

D. U. AUGSPURGER & SONS CO.  
FLORISTS,

BOX 778,

Peoria, Illinois.

## Robert Craig Co..

HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa

## Rooted Carnation Cuttings

ENCHANTRESS, Apr. 10. PERFECTION, April 25. BEACON, May 1. \$3.00 per 100; \$25.00 per 1000. WINSOR, May 1. ROSE PINK ENCHANTRESS, at once, \$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

Thompson Carnation Co., JOLIET, ILL.

Mention the American Florist when writing

## Verbenas! Verbenas!! Verbenas!

The Gem Bedding Plant.

Send for circular.

J. L. Dillon  
Bloomsburg, Pa.

## CINERARIAS

Fine plants for Easter; also Primulas, Baby and Chinese, in full bloom, out of 4-in. \$6.00 per 100.

Alyssum, double and single, Verbenas, Stocks, Salvia, Phlox, Snapdragon, Ivy, Rose and other Geraniums and Asparagus Sprengerii, fine plants out 2½-in., \$2.00 per 100; 300 for \$5.00.

J. C. SCHMIDT, Bristol, Pa.



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Is a Perplexing Question to all Florists

Except Those Using

## Morehead Steam Traps

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1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

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Had different kinds of cast-iron boilers. I am assured that I can save about one-third fuel with your boiler. I started firing October 10th, and the fire never went out up to this time, May 12th, 1907. This boiler heats both my dwelling and greenhouses and gives the best of satisfaction. My dwelling is about 40 feet from the boiler. Can recommend your boiler to anybody. It is the only greenhouse boiler.

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Send for Catalogue.

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Ageratum, 2-in., \$4 per 100; \$25 per 1,000; rooted cuttings, \$3 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ageratum, Stella Gurney and Princess Plant, Inc., 75c per 100; \$7 per 1,000. A. N. Pierson, Inc., Crownville, Conn.

Ageratum, Imperial dwarf bell, 2½-in., \$2 per 100. Mosbach Greenhouse Co., Onarga, Ill.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, 60c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. W. also have a large stock of ferus. R. R. Davis Co., Morris, Ill.

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Alternantheras, red and yellow, rooted cuttings, 60c per 100; \$5 per 1,000; 2½-in., \$2 per 100; \$18 per 1,000. Mosbach Greenhouse Co., Onarga, Ill.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Day, 1012 W. Ontario St., Davenport, Ia.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, 6 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ALYSSUM

Alyssum, dbl. dwarf and giant, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alyssum dwarf Little Gem, 2½-in., \$2 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Alyssum (dbl. and single, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## AMPELOPSIS.

Ampelopsis, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias, For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Araucaria excelsa, 3 lvs., 50c each; \$6 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Araucaria excelsa, 3-in., 50c; 6-in., 75c. C. Eisele, Philadelphia.

Araucarias, McHarrison & Co., 17 Murray St., New York.

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Asters, Dyer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$15.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fine Asters, \$2.50 per 100 or \$18 per 1,000. Benj. F. Castner, 120 Taylor St., Washington, N. J.

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Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Roeber Plant Co., Springfield, O.

Pothound 3-in., Sprengeri, can be shipped into 5-in., \$2 per 100. C. C. Pollwirth Co., Milwaukee, Wis.

Asparagus Sprengeri, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, 1c. Asparagus Sprengeri, extra heavy 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Weithill Floral Co., Hornell, N. Y.

Asparagus plumosus, \$2 per 100. Sprengeri, \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 2, 2½ and 3-in., Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 2½-in., 3c; 3-in., 6c; 4-in., 8c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2½-in., 3c; 4-in., 10c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Asparagus Sprengeri, 3½-in., \$5 per 100. Henry Daut, Decatur, Ill.

## AZALEAS.

Azalea mollis, 12 to 15-in., \$25 per 100; 15 to 18-in., \$35. Storrs & Harrison Co., Painesville, O.

Azaleas, Jacs Smits, Naarden, Holland.

Azaleas, Wm. Tricker, Arlington, N. J.

## BAY TREES.

Bay trees, For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK

Bedding stock, 3-in., \$4 per 100. Lemon verbena, monardella, Echeveria, gladiolus, Salvia, variegated geraniums, Mrs. Parker, geraniums, Swiss on alba, Stock from 2½-in., \$2.50 per 100; 4-in., \$3. Impatiens, Salvia and Lobelia, euphorbia, scandentious, helianthus, Van Veen, Isolepis, Ageratum, Clematis, Panchaea. Variegated for plant hardy pinks, Anthon Saxifraga, utmire and rose geraniums. Rooted cuttings from soil 81 per 100. Carnation Queen, German ivy, Salvia, pilen, stovian, ageratum, tradescantia, ficus repens, lobelias, Santolina, Swainsona alba, Verbeas, Chrysanthemums, rooted cuttings, White Cloud, Pacific Supreme, Bailey, Golden Glow, \$2 per 100. C. Eisele, Philadelphia.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Azalea, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new) \$8 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias, Gloire de Lorraine, 2½-in., \$15 per 100; \$125 per 1,000; 3-in., \$25 per 100; \$200 per 1,000; 4-in., \$35 per 100; \$300 per 1,000. Glory of Cincinnati, 2½-in., \$2 per 100; \$150 per 1,000. A. N. Pierson, Inc., Crownville, Conn.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Box tree, For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood, For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gladiolus, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fother, Piske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gladiolus, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

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Bulbs, hyacinths, tulips, narcissus, crocus, Spirea, gladiolus, peonies, etc. Van Zanten Bros., Hillegom, Holland.

Bulbs, hyacinths, tulips, daffodils, gladiolus, iris, peonies, dahlias, spirea, St. Van Waveren & Kruijff, 401 Bourse Bldg., Philadelphia.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, Calia Eliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, Lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Gladiolus Niagara, 25c each; \$15 per 100; \$150 per 1,000. Fraim Bauman, Kingsman, Ohio.

Bulbs, W. J. Eldering & Son, Overveen, Haarlem, Holland.

Bulbs, MacNitt Horticultural Co., 62 Vesey St., New York.

Bulbs, All kinds, Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortland St., New York.

Bulbs, Arthur T. Boddington, 312 W. 14th St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mlle. Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Cannas, dry roots, David Harum, \$2.50 per 100. GEO. WITTOLD CO., Edgebrook, Chicago.

Canna roots, Pennsylvania, \$25 per 1,000. Nod's 20th Century red, \$5 per 100. Strictly cash. Nod's National Floral Co., Bellevue, Pa.

Cannas, Sec. Chebanne, Cincinnati, M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robusta and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

Cannas, 10 vars., \$4 per 100. King Humbert 3½-in., \$8. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

| ROOTED CARNATION CUTTINGS.         |         |         |
|------------------------------------|---------|---------|
| March 15 Delivery.                 | 100     | 1000    |
| Washington, cerise, a sport from   | \$10.00 | \$75.00 |
| Enchantress                        |         |         |
| Princess Charming, beautiful flesh | 12.00   | 100.00  |
| pink                               |         |         |
| Sangamo, brilliant flesh           | 6.00    | 50.00   |
| Mary Fulton, deep flesh            | 6.00    | 50.00   |
| Scarlet Fairy                      | 6.00    | 50.00   |
| J. Whitcomb Riley, yellow          | 6.00    | 50.00   |
| Shasta, white                      | 6.00    | 50.00   |
| Max Day, deep pink                 | 6.00    | 50.00   |
| Enchantress                        | 3.00    | 25.00   |
| Alvina, cerise                     | 3.00    | 25.00   |
| White Enchantress                  | 3.00    | 25.00   |
| Victory                            | 3.00    | 25.00   |

CHICAGO CARNATION CO., Chicago.

35-37 Randolph St. Carnations, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

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## ROOTED CARNATION CUTTINGS.

|                  | Per 100 | Per 1,000 |
|------------------|---------|-----------|
| Washington       | \$10.00 | \$75.00   |
| Sanmarco         | 60.00   | 50.00     |
| Mary Tolman      | 6.00    | 50.00     |
| May Day          | 3.00    | 25.00     |
| Beacon           | 3.00    | 25.00     |
| White Perfection | 2.50    | 20.00     |
| Enhancee         | 2.50    | 20.00     |

Satisfaction guaranteed.

## DES PLAINES FLORAL CO., Des Plaines, Ill.

Carnations, Dorothy Gordon, plants from 2 1/2-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C., \$1 per 100. Elton, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2 1/2-in. pots, \$3 per 100. C. Elsie, 11th and Westminster Sts., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dornier & Son Co., La Fayette, Ind.

Carnations, Enhancee and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnations, Boston Market 2 1/2-in., 2 1/2-c. Mosbek Greenhouse Co., Quakertown, Pa.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

Carnation Remora, Peter Fisher, Ellis, Mass.

Carnations, A. M. Herr, Lancaster, Pa.

## CHRYSAETHUMS.

Chrysantheums, A. B. Brown, Dejonis, Glory of Pacific, Bonaffon, Crema, Holliday, Tousey, W. Bonaffon, Ivory, P. Ivory, Rosette, Monrovia, J. Jones, \$2 per 100; \$15 per 1,000. Golden Eagle, Edmund Alba and Mrs. Hurley, \$2.50 per 100; \$20 per 1,000. Wm. Swayne, Kennett Square, Pa.

CHRYSAETHUMS: rooted cuttings, \$1.50 per 100; 2-in. \$2 per 100 of the following varieties: White and Pink Garza, Buckbee, Enguehard, Bonaffon, Golden Glow, T. Eaton, Pacific Supreme, THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Chrysantheums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysantheums. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Chrysantheums, the best leading varieties, \$1.50 per 100; \$12 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Chrysantheums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysantheums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$5 per doz.; 1-year, \$2. C. periculata, 2-year, \$9 per doz.; 1-year, \$3. C. Elsie, Philadelphia.

## COBEAS.

Cobea Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO. Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus. Standard varieties including Golden Bedder and Verschaffelt, rooted cuttings, 75c per 100; \$5 per 1,000. 2 1/2-in., 2c. Mosbek Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffelt, Queen Victoria, Firebrand, Lyons, Hero, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Coleus, G. Bedder, Verschaffelt, \$6 per 1,000; standard nat., \$5; plant leaved, \$10. A. M. Herr, Lancaster, Pa.

Coleus, yellow, red and variegated, 2-in., heavy, \$2 per 100. Wagner Park Conservatory, Sitona, O.

Coleus, Golden Bedder, Verschaffelt and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

Cyclamen, transplanted seedlings, extra strong, 4 to 5 leaves, best strain in existence, 10 different varieties, ready to pot, \$2.50 per 100; \$22.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Cyclamen. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, transplanted seedlings. Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 2 1/2-c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; \$150 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

45,000 half-grown clumps, 2c and up. List ready. H. W. Koerber, Sta. B., Milwaukee, Wis.

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. Write for name. Send for catalogue of dahlias, hollyhocks, hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 382, Denver, Colo.

## DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid. 40c. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Marguerites, yellow 2 1/2-in., \$3.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

## DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, extra strong, 2 1/2-in., one-year-old, \$3 per 100; \$25 per 1,000. Chas. Henry Daut, Decatur, Ill.

Dracena Brumati, 6-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Elsie, Philadelphia.

Dracena indivisa, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

## EASTER PLANTS.

Easter Plants: Roses, Lady Gay, Crimson Rambler, Perkins, Newport Fairy, Hawatha, 75c to \$5. Baby Rambler and Phyllis, 75c to \$1.50. Am. Beauty, 50c to 75c. Hydrangea Ottaka, 75c to \$1.50. Rhododendrons \$2 to \$3. Azaleas, \$1 to \$5. Lilacs, \$1.50 to \$2.50. Genistas, 25c to 75c. Spirea Gladstone, Queen, Alexandria, 75c to \$1.50. Callas, 50c to \$1. Primula Ob., 25c to \$1.50. Salvias, geraniums, bellflowers, Marguerites, 15c to 40c. Asparagus plumosus and Sprengerii, 15c to 50c. Aruncarias, \$1.25 to \$5. Begonia Rex, 25c to 40c. Ferns, Boston and Whitman, 5-in., 40c; 6-in., 50c; 8-in. asst., 2 or 2 1/2-in., \$8 per 100. Palms in all sizes. Phoenix Roedelii, \$1.50 to \$7.50. The Park Floral Co., Denver, Colo.

Easter plants: Rambler roses, 50c to \$10 each. Azaleas, \$1 to \$7.50. Azaleas, 35c to 75c. Marguerites, 25c to \$5. Lilacs, 12 1/2c per doz. Bongivillias, \$1 to \$5. Heaths, 50c to \$1. Bononias, \$1 to \$5. Hydrangeas, 50c to \$5. Thomas Roland, Nahant, Mass.

Easter pot plants, Easter lilies, 4 blooms and up, \$12 per 100 flowers. Azalea Van der Cruysen, 75c to \$2.50 each. Baby Rambler, white and pink, 4-in., \$3 per doz.; 5-in., \$4. Spirea Gladstone, 6-in., \$6 per doz.; Japan Maples, 7-in., \$12 per doz. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Lilies. They are now in right shape to be shipped and will be open in fine shape for Easter at 12 1/2c per bud. Order of Geo. A. Kuhl, Pekin, Ill.

## FERNS.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$80 per 1,000; 500 at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100; \$120 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

FERNS. Fine stock from 2 1/2-in. pots ready now: NEPHROLEPIS BOSTONIENSIS, the Boston fern, \$3.50 per 100; \$30 per 1,000. NEPHROLEPIS DAVILLOI, the PURCANS, the Fish Tail fern, \$4 per 100. NEPHROLEPIS GODLI, the Baby's Breath fern (new), a greatly improved fern, 100. NEPHROLEPIS NEPHROLEPIS PIERSONI, the Carrytown fern, \$3.50 per 100. NEPHROLEPIS ROOSEVELTI, the Boston fern (new); see last week's American Florist. The grandest of all ferns, ready June 1, 1911, \$3.50 per doz.; \$25 per 100; \$200 per 1,000. NEPHROLEPIS SCOTTII, the Scott's fern, \$4 per 100. NEPHROLEPIS SPRINGFIELDI, the Springfield fern, upright fern for vases, \$3.50 per 100; \$30 per 1,000. NEPHROLEPIS SUPERBISIMA, the Fluffy Ruffles fern (new), \$6 per 100. NEPHROLEPIS WHITMANI, the Austrian Plume fern, \$3.50 per 100. DWARF FERNS for fern dishes, 10 best varieties, \$3 per 100; \$27.50 per 1,000. For larger sized ferns, write for prices. Our new trade list of everything you need now ready, mailed on application. Write for THE GOOD & REESE CO., the Largest Rose Growers in the World, SPRINGFIELD, OHIO.

Ferns. Whitman and Boston for the store man. We have all sizes from 2-in. to 10-in. pots that will make just fine plants for Easter decorations. Pinnus in 2, 3, 4, 5 and 6-inch Geo. A. Kuhl, Pekin, Ill.

Ferns, Scotti, 2 1/2-in., 4c. Boston, Pierson, Scotti, 3-in., 8c. Elegantisima and Whitman, 2 1/2-in., 8c. 3-in., 10c. Boston, 4-in., 12 1/2c. 5-in., 15c. 6-in., \$1.25. Mosbek Greenhouse Co., Onarga, Ill.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Pierson, Elegantisima, Barrowsi, 4-in., \$14 per 100. Wagner Park Conservatories, Sitona, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 6-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Boston ferns, 2 1/2-in., \$5 per 100. Nephrolepis Elegantisima, 2 1/2-in., \$5 per 100. Good strong plants, 2 1/2-in. to 4-in. M. Cochrane, 548 W. 110th St., Chicago, Ill.

Ferns, N. Scholze, 5-in., \$5 per doz.; \$35 per 100. N. Bostoniensis, 2 1/2-in., \$4 per 100. Scotti, 3-in., \$25 per 100. Storrs & Harrison Co., Plainville, Conn.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000. Frank Oeschlin, 4911 Quincy St., Chicago.

Neph. Giatrasi, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Giatrasi, 463 Summit Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Bobbink & Atkins, Rutherford, N. J.

FEVERFEW. Feverfew, have about 100 fine ones in 5-inch pots which we expect to get in bloom for Easter. Also have plenty other sizes. Geo. A. Kuhl, Pekin, Ill.

Feverfew, double white, 2 1/2-in., 2 1/2-c. Mosbek Greenhouse Co., Onarga, Ill.

## FUCHSIAS.

Fuchsias, 6 vars., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## GERANIUMS.

Geraniums, asst., 2-in., \$2 per 100; 3-in., \$3; ivy geraniums, 2-in., \$2 per 100; 3-in., \$3; ivy geraniums, var. foliolosa, 2-in., \$2 per 100; Edinburgh, 2-in., \$3 per 100; 3-in., \$4. Silver Leaf S. A. Nutt, and Sophie Dumaresque, 2-in., \$3 per 100; 3-in., \$4. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellan, Poltevine, Jaulin, Ricard, Buchner, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Geo. M. Emmans, Newton, N. J.

ROOTED CUTTINGS. A1 stock, Nutt, Grant, Poltevine, Buchner, \$1.50 per 100; \$15 per 1,000. Next delivery about April 10. The W. T. Buckley Co., Springfield, Ill.

Geraniums, standard varieties, 2 1/2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100; \$40 per 1,000. Rose geraniums, 2 1/2-in., 2 1/2-c. Mosbek Greenhouse Co., Onarga, Ill.

Geranium Mme. Salleron, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Geraniums, rose scented, 3 and 4-inch, \$6 and \$8 per 100; 75c to \$1 per 12. Cash, please. P. Rieth & Co., Downers Grove, Ill.

RED WING, the best 1910 novelty, deep cardinal red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mine, Sallerol, 2½-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, S. A. Nutt, \$1.50 per 1,000; Ricard and Poterius, \$14 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and G. others, 3-in., \$4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

## GREENS.

Greens, dagger and fancy ferns, \$1.50 per 1,000. Southern wild Smilax, \$6 per case. Bronze and green galax, \$1 per 1,000; \$7.50 per 10,000. Boxwood, 16c per lb., imported green and bronze magnolia leaves, \$2.25 per basket. Cycas leaves, \$2 to \$8 per 100. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Flower Exchange, 35 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Fern Nephrolepis Roosevelt, 2½-in., 40c each; \$5.50 per doz. \$25 per 100; \$200 per 1,000. Good & Reese Co., Springfield, O.

Greens, wild smilax, 60-lb. case, \$1.25 per 1,000. N. O. National Floral Co., Bellevue, Pa.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Outouson & Co., 50 W. 25th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Minter, Ala.

## HARDY PLANTS.

Hardy plants: Aster novae Angliae rosea, \$4 per 100. Coreopsis lanceolata, \$3 per 100. Gaillardia grandiflora, \$4 per 100. Hibiscus Crispus Eve, \$3 per 100. Hibiscus Moscheutos, \$2 per 100. Monarda Didyma, \$4 per 100. Platycodon alba, grandiflora and Mariesi, \$3 per 100. Shasta daisy, \$4 per 100. Sweet William, \$3 per 100. Strong field-grown plants. Norman & Becker, Painesville, O.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus Multiflora, 8, pl. \$10 per 1,000. Garden pinks, Lychnis Hageana, Pyrethrum, Gaillardia grandiflora, and Sweet William, 8c per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTRO

Heliotrope, R. C., \$1 per 100; \$9 per 1,000; 2½-in., \$2.50 per 100; 12 in. per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmons, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming single, apricot colored, red, white, pink, yellow, maroon, bronze and black. Also Allegheny strain in mixture, all at \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue. W. W. Wilmore, Box 385, Denver, Colo.

## IVY.

Ivy, root cuttings. English, \$9 per 1,000; German, \$7 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Ivy, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

German Ivy, 2½-in., \$2 per 100. Mosbeck Greenhouse Co., Warren, Pa.

Ivy, R. C., English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

## ISMENE.

Ismene Cathartina, small size, \$2 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## LILACS.

LILACS, Marie LeGraye, pot-grown for forcing, \$1 each; \$9 per doz.; Chas. X. pot-grown, for forcing, \$1 each; \$9 per doz.

THE GEO. WITTBOLD CO., Chicago, Ill.

Edgebrook, Ill.

Lilacs, Jas. Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import

Lily of the valley, Premium select, \$13.50 per 1,000. Premium \$13 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley, Jas. Smits, Ltd., Naarden, Holland.

Lily of the valley, pipes, cases of 1,000, \$9 per 1,000. \$3 per 1,000. \$3 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$16 per 1,000. The Florists' money maker, \$15 per 100; \$14 per 1,000. H. N. Bruns, 3035-40 W. Madison St., Chicago.

## LOBELIAS.

Lobelia Kathleen Mallard and Newport Model, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lobelia Kathleen Mallard, 2½-in., \$2 per 100. Henry Daut, Decatur, Ill.

## MOONVINES

Moovines, Ipomoea Maxima, \$4 per 100; the old variety, \$3.50 per 100. Good & Reese Co., Springfield, O.

Mushrooms spawn, Challenge Farm, 6901 Grayson St., St. Louis, Mo.

## MOSS.

Sphagnum Moss, new selected stock, 10 bbl. bales, \$3.50 per bale; 5 bbl. bales, \$2 per bale. H. H. Crammer, Brookville, N. J.

Sphagnum moss, 10-bbl. bales, \$4 per bale; 5-bbl. bales, \$2.25 per bale. Rooted peat, 90c per sack. J. H. Spangue, Barnegat, N. J.

## MUSHROOM SPAWN.

Mushroom Spawn, Lambert's Pure Culture, American Spaw Co., St. Paul, Minn.

## NURSERY STOCK.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1½-in. stems, 7 to 8 ft. trees, 50c each. Drychous cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$25 per 100. Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, sugar maple seedlings, Viburnum Cassinoides, White pine, hemlock, Pinus pungens, diavariata. Harlan P. Kelsey, Salem, Mass.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berryed plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas. Jas. Smith, Ltd., Naarden, Holland.

Silver Maples, 1½ to 1½ inch to 12 feet, choice, baled, 20c. J. W. McNary, Dayton, Ohio.

Nursery Stock, Cal. Privet Roses, maples, birch, sycamore. Mount Arbor Nurseries, Shenandoah, Iowa.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Ornamental Strubstruby, C. C. Nash, Kalamazoo, Mich.

Nursery stock, The MacNitt Horticultural Co., 62 Vesey St., New York.

Snowballs, choice 3 to 4 ft., 8c baled. J. W. McNary, Dayton, Ohio.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Double Flowering Cherry, 6 ft., fine, pink and white, 15c baled. J. W. McNary, Dayton, Ohio.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, all commercial, cattleyas and novelties. Carrillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$8 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

Pansies (transplanted): these are heavily rooted; strong plants, much superior for early spring blooming than seedling plants; finest 8 varieties, 75c per 100; \$5 per 1,000. F. A. Bailor, Bloomington, Ill.

35,000 transplanted pansies, finest imported strains, \$1.25 per 100; \$10 per 1,000. Write for sample. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kenilworth, N. J.

Pansies, seedlings, 4 and 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pansy plants, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

## PALMS.

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borbon, 3-in., \$8 per 100; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phenix Robeleni, 1-in., 35c each; \$3.50 per doz.; 4-in., 75c each; \$8 per doz; 5-in., \$1.25 each; 6-in., \$2; 7-in., \$2.50; 8-in., \$4. Vaughan's Seed Store, Chicago and New York.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Phenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Latania borbonica, 3 and 6-in., \$10 per 100. McIntyre Bros., Nashville, Tenn.

Palms, Kentias, Joseph Heacock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Julius Roehrs Co., Rutherford, N. J.

Palms, Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies, all vairs. Jas. Smits, Naarden, Holland.

## PELAGONIUMS.

Pelargoniums, surplus stock, large and fine, ready for a shift. Mrs. Loyal, \$4 per 100, \$3 per 1,000. Mme. Vibert, Linda, \$5 per 100. A. D. Root, Wooster, Ohio.

Pelargoniums, assorted colors, 3-in., \$1 per 12; 5-in., \$2.50 per 12. Cash. P. Rieth & Co., Downers Grove, Ill.

## PEPPERS.

Christmas peppers, 2½-in., \$2.50 per 100. Mosbeck Greenhouse Co., Onarga, Ill.

## PETUNIAS.

Petunias, dbl. white and mixed, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

## PRIMULAS.

Primula chinensis, 5½-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

## PRIVET.

California privet, 2-year, transp., 8 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Ligustrum Itoya, 5 to 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co., office: Worcester, Mass.; Nurseries: Castle Hayne, N. C.

Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**RHODODENDRONS.**

Rhოდodendrons 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.  
Rhოდodendrons: Bobbink & Atkins, Rutherford, N. J.  
Rhოდodendrons: Jacs Smits, Naarden, Holland.  
Rhოდodendrons: Wm. Tricker, Arlington, N. J.

**ROSES.**

ROSES. Thrift 2-in. stock of F. E. Willard, Mrs. Ben R. Cant, Bride, Bridesmaid, Perle, \$2.50 per 100; \$20 per 1,000. Wellesley, Mass.  
Rosa de P. Notting, White, Cochet, Helen Gould, Burbank, Pink Cochet, White La France, Red La France, Coquette des Blancs, Louis Van Houtte, Kaiserin A. V., Tausendschön, Dorothy Perkins, \$3 per 100; \$30 per 1,000. La Reine, Jules Margottin, Magna Charta, Chestnut Hybrid, Veilchenblau (blue rose), Flower of Fairfield (celebrated Rambler), Sunrise, Gloire de L'E. Bruxelles, \$3.50 per 100; \$30 per 1,000. Can furnish the above in large two-year-old plants at \$8, \$9 and \$10 per 100; except Veilchenblau and Flower of Fairfield, we have in 3 1/2-in. at \$12 per 100. Order today. Stock will be reserved for you. WAINOR PARK CONSERVATORIES, Sidney, Ohio.

Roses, grafted. Pink and White Killarney, Richmond and Maryland, 2 1/2-in. pots, \$12 per 100. Kaiserin, own root, 2 1/2-in., \$4 per 100; \$25 per 1,000. Bassett & Washburn, 70 Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Hoddington, 342 W. 14th St., New York.

Roses. Lady Hillingdon, Mrs. Annon Ward, Melody, Rose Queen, Radiance, Dr. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

White or Pink Baby Ramblers, in bud, 4-in., \$2 per doz.; 5-in., \$4 per doz. GEO. WITTHOLD Co., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomington, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Newport Fairy, 50c each; \$20 per 100. Julius Rebers Co., Rutherford, N. J.

Roses, hybrid teas. Wm. Tricker, Arlington, N. J.

New Rambler (violet blue), Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Ledeb Floral Co., Springfield, O.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

Roses. Bobbink & Atkins, Rutherford, N. J.

**SALVIA.**

20,000 transplanted Salvia seedlings. Ball of Fire, Bonfire, Troop Spike and Zurich, \$1 per 100; \$5 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Salvia Bonfire and Zurich, 2-in., \$2 per 100; 2 1/2-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Salvia, R. C. 75c per 100; \$7 per 1,000; 2 1/2-in., \$2.50 per 100; \$20 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Salvia, Bonfire and St. Louis. The only two varieties, \$1 per 100; \$5 per 1,000. prepaid. Chas. Humbel, Clay Center, Kan.

Salvia, Zurich and Splendens, 2 1/2-in., 2 1/2c. Moshek Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wigner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Revers Plant Co., Springfield, O.

Salvia, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvia, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

**SEEDS.**

Seeds. Asparagus plumosus nanus, 2,000 seeds, \$7.50; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seeds. onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, saffron, L. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, sweet peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, sweet peas. For varieties and prices see advertisement elsewhere in this issue. W. Alice Burpee & Co., Philadelphia.

Seeds, parsnip, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds. Arthur T. Hoddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Fredricktown, N. J.

Japanese seeds and plants, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds. Archias' Seed Store, Box 52, Sedalia, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds. Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds. Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster, Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds, J. M. Thorburn & Co., 33 Barclay St., New York.

Onion seed and sets. Schilder Bros., Chilli-cotte, Ohio.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds, cabbage, cauliflower, egg, pepper, tomato, etc. Francis Brill, Hempstead, L. I. N. Y.

**Contract Growers.**

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn, S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn, Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohmert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quallenburg, Germany.

For Southern Seeds—Headquarters. N. L. Willet Seed Co., Augusta, Ga.

Seeds, growers for the wholesale trade only. Brazilian Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Reutzbahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

**SMILAX.**  
Smilax, Wood Bros., Fishkill, N. Y.  
Smilax, strong seedlings \$7 per 1,000. P. Rieth & Co., Downers Grove, Ill.

**SNAPDRAGONS.**  
Snapdragons, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Snapdragons, seedlings, 1c; 2 1/2-in., 2c. Moshek Greenhouse Co., Onarga, Ill.

**STOCKS.**  
Stocks, English double Ten Week Stocks, separate colors, 2 1/2-in., \$2 per 100. Moshek Greenhouse Co., Onarga, Ill.

**SPIREAS.**  
Spirea Gladstone, Queen Alexandra, 6-in. bud, \$4 per doz. GEO. WITTHOLD Co., Edgebrook, Chicago, Ill.

Spirea. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and cactuses. Finest collection. Julius Rebers Co., Rutherford, N. J.

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Tradescantia, Zebrina, 2-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**VEGETABLE PLANTS.**

Tomato, strong seedlings, 10 different varieties, \$3 per 1,000. Parsley mixes, curled, \$1.50 per 1,000. Cress, please. P. Rieth & Co., Downers Grove, Ill.

Asparagus roots. Conover's Colossal and Palmetto, 3-yr., 50c per 100; \$4 per 1,000. Moshek Greenhouse Co., Onarga, Ill.

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Verbenas, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Lemon verbenas, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas, separate colors, 2 1/2-in. \$2 per 100. Moshek Greenhouse Co., Onarga, Ill.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinea var., 2 1/2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinea variegata, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Vinea vines, 3, 3 1/2, 4, 4 1/2-in. pots. Order a dozen for sample. Geo. A. Kuhl, Pekin, Ill.

Vinea var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinea var., 2-in., \$2 per 100; \$18 per 1,000. Revers Plant Co., Springfield, O.

Vinea minor, strong field-grown stock, 5c. Moshek Greenhouse Co., Onarga, Ill.

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Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 550 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, best return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iowa Sts., Chicago.

Boilers' soft feeding hot water boilers. S. Wilks Mfg. Co., 3501 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

**GOLD FISH.**

Gold Fish, Aquarium plants, Castles, Globes and All Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

ACBURNDALE GOLDFISH CO.,  
920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Various glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

**GREENHOUSE CONSTRUCTION.**  
Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 170 Broadway, New York.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

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For repasting split carnations, 1000 for 50 cents  
Postpaid. Sample free.

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Quickly, easily and  
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No tools required.

Pillsbury Carnation Staple

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Fire Brick and Fire Clay, Portland Cement  
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Greenhouse construction and equipment. King  
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Fresh tobacco stems in bales, 200 lbs., \$1.50;  
500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12.  
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Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per  
gal. Fungine, 75c per quart; \$2 per gal.  
Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per  
100 lbs. The H. A. Stothoff Co., Mount  
Vernon, N. Y.

Nikotren, pint bottle, \$1.50. Nikotren Aphis  
Punk, \$6.50 per case of 12 paraffined boxes.

### MATS.

Mats, cheapest and most practical on the  
market. Send for circular. J. P. Watts, Keri-  
moor, Pa.

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Folding boxes. For sizes and prices see ad-  
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M. Robinson & Co., 15 Province St., Boston,  
Mass.

Iron reservoir vases and lawn setters. Mc-  
Donald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co.,  
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Frost Proof Plant Box Co., 921 Nicollet Ave.,  
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Model extension carnation support; galvanized  
rose stakes. Igoe Bros., 298 N. 9th St., Brook-  
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Plant bed cloth, waterproof sheeting, hay  
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Taxenlow's Old English liquid putty. Ham-  
mond's Paint and Shug Shot Works, Fishkill-on-  
Hudson, N. Y.

Hotchkiss paper fastener machine and 500  
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Front St., Worcester, Mass.

New imported florists' baskets. The Redline  
Basket Co., 713 Milwaukee Ave., Chicago.

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Gets There Insecticide Soap. Gets There  
Soap Co., Coshohocken, Pa.

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502 Union Nat. Bk. Bldg., Columbus, O.

Gammed gold, silver and purple letters. J.  
Leitenberger, 1604 Ave. A, New York.

Pillsbury's carnation Staples, 50c per 1,000,  
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Photographs of horticultural subjects, Nathan  
R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Superior carnation staple, 1,000, 50c postpaid.  
L. J. Waite, 293 Main St., Springfield, Mass.

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The benches and tile bottoms. The Camp  
Conduit Co., Cleveland, O.

Poultry Food. J. Boiziano & Son, Baltimore,  
Md.

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Actual photograph of  
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after being set. Former  
chestnut posts lasted  
only five years.

They cost more than iron posts.

Yes they do, and we will  
prove it. They cast more  
shade than iron posts. When  
they rot out, they are a cursed  
nuisance to replace.

You can space the L. & B.  
Guaranteed Wrought Iron Posts  
wider apart—that means less  
posts, less holes to dig—less time  
to set them. Once they are set,  
they are good for a century,  
which is probably as long as you  
will need them.

They are equipped with a base  
to imbed in the concrete, and a  
special fitting to bolt direct to  
our patented Angle Iron Eave  
Plate. The roofbars are fastened  
to the plate by Cast Iron Claps  
which carry off the drip and  
prevent the soaking and rotting  
of bar ends. What's the use of  
wasting your time and money  
on wooden posts and eaves?  
Buy the L. & B. lasters. Send  
for prices.



Actual photograph of  
L. & B. Guaranteed  
Wrought Iron Post five  
years after being set.  
See how light the entire  
side construction is.

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Cut flower and design boxes, all sizes. C. C.  
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Cast iron reservoir vases. Washington Iron  
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Pansy baskets, plant and fruit baskets.  
Webster Basket Co., Box 55, Webster, N. Y.

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Cherry red standard flower pots. The Mt.  
Gilead Tile & Pottery Co., Mount Gilead, O.

### SIEBERT'S ZINC

Never Rust  
GLAZING POINTS

Are positively the best. Last forever. Over  
30,000 pounds now in use. A sure preventative of  
glass slipping. Effective on large or small glass.  
Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  
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RANDOLPH & MCLEMMENTS, Successors to  
Chas. T. Siebert, Baum & Beatty Bldg., Pittsburg.

**Holds Glass  
Firmly**

See the Point

**PEELLESS**

Glazing Points are the best.  
No rights or lefts. Box of  
1,000 points 15c, postpaid.  
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Neponset paper pots. Vaughan's Seed Store,  
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Pots. J. A. Bauer Pottery Co., 415-21 Ave.  
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"NUPSED." Best red pots are made by Geo.  
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Cane Stakes. Yokohama Nursery Co., Ltd.,  
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### Hot Bed Sash

Louisiana Cypress and  
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If you want to build first-class houses at reasonable prices, write us. For safe, light, efficient and durable construction, our houses have stood the test. Ask our customers about them.

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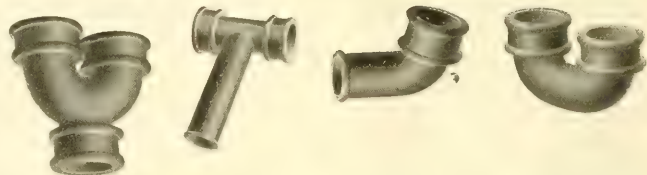
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Of Every Description.

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There are just four things that go to make fittings fit for greenhouse heating.

**First:** The use of the right kind of tough grey iron—not junk, scrap heap brittle stuff.

**Second:** Cast them thick enough to stand the racket.

**Third:** Cast them accurate so they will be fittings that fit.

**Fourth:** "Know how."

There is about as much know how as iron in one of our dependable fittings.

Sixty years ago we "Knew how." Been getting more "Know how" ever since. That's a guarantee for you that can't be matched. Send for prices. See that Hitchings gets your order.

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Elizabeth, N. J.

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Is a wood that has come into very general use in

**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

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**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

Use our patent  
Iron Bench  
Fittings and  
Roof Supports

THE JENNINGS<sup>IMPROVED</sup>  
IRON GUTTER.



**IMPROVED VAPORIZING PANS**

For Tobacco Extracts, etc. Send for Circulars.

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**EVANS' Improved  
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Write for Illustrated Catalog.  
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The Most Economical Type of Boiler  
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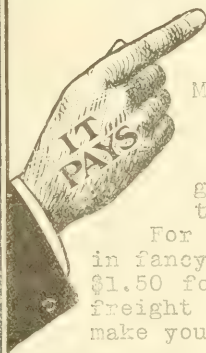
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Mr. Florist:

"Wizard Brand" does pay.

Repeat orders prove it.

You can't grow high grade stock without high grade manure. You must have it for mulching, for top dressing and for liquid manuring.

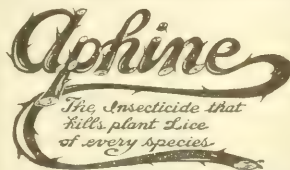
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CARRY "WIZARD BRAND"  
IN STOCK. TRY YOURS.

Order 5 crates quick for the spring trade.

THE PULVERIZED MANURE CO.

No. 32 Union Stock Yards, Chicago.



The Insecticide that  
kills plant Lice  
of every species

Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects without the slightest injury to the tenderest flower or foliage.

An excellent cleanser for decorative stock. You can rely on it for positive results, with out fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

### FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.

Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park departments and state colleges of the country.

Manufactured by  
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MADISON, N. J.

## Trade Directory

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324 Dearborn St.,

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## Nikoteen

## Nikoteen

## Nikoteen

over a flame. Full Pint Bottles, \$1.50.

The most effective and economical material there is for spraying plants and blooms.

Is skillfully extracted from leaf to bacco and carefully refined; it is clean and easy to apply.

does the work when vaporized either in pans, on pipes or over a flame.

## Garman's Antipest

INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy to use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

PERFECTION CHEMICAL CO.,  
FLUSHING, N. Y.

Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910

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Edw. Lonsdale, Robert Craig, Pochmann Bros., Randolph & McClements and a long list of leading Florists and Nursetymen--all claim to kill all pests that trouble Greenhouse Plants with GETS THERE INSECTICIDE SOAP. Write to us or ask them

Gets The e Soap Co., Conshohocken, Penna.

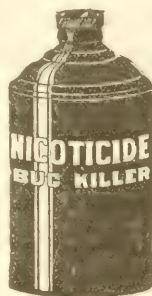
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## Nikoteen Aphis Punk

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

Price \$6.50 per case of 12 paraffined boxes.

All Seedsmen.



## THE BEST Bug Killer and Bloom Saver

For PROOF

Write to

P. R. PALETHORPE  
COMPANY,

Owensboro, Ky.

green Flies and  
Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE R. A. STOOTHOFF CO., MOUST VERNON, N. Y.



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Marvelous bargains in Greenhouse Sash and Building Material of all kinds. Corrugated Roofing and Siding, Structural Iron, Gutters, Eave Spouts, Hydrants and Valves, 10,000 feet Rubber Hose, Soil Pipe, Plumbing Material of all kinds, Boilers, Feed Pumps, Flower Pots, etc. Thousands of other articles of interest to Florists or Greenhousemen.

We Can Save You from 30 to 75%.

300,000 feet of Standard Pipe, all sizes, will be cut to any length.

Send for our Special Roofing Book No. 47.

**CHICAGO HOUSE WRECKING CO.**  
35th and Iron Sts., CHICAGO



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**Florist Novelties**  
Manufacturers and Patentee of  
The Only Genuine Immortelle  
Letters on the market. Order  
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Every letter marked.

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A well-known nursery house writes of our

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"Had we had these reports years ago we would have saved several thousand dollars."

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Cape Flowers, all colors, Cycas  
Leaves, Metal Designs and all  
Florist Supplies.

—Send For Prices—

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## Plant Bed Cloth

For Florists, Gardeners, Truck Farmers,  
etc. Protects from frost. Best shade in  
summer. Sold by leading seedsmen.

Waterproof Sheetings, Hay Caps, Etc.

HENRY DERBY, 123 F. Chambers St., New York

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LOOK



Patented.

## The New Plant Shipping and Delivery Box

Just what every practical florist  
has been looking for.

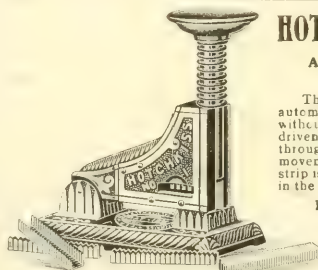
Saves three-fourths of the time in  
packing. Insures safe delivery. Pro-  
tects from extremes of heat and cold.

See our display at the National  
Flower Show at Boston, Mass.,  
March 27-April 1.

The New York Florists' Club voted us a  
Certificate of Merit after seeing the box de-  
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**Lord's Frost-Proof Plant Box Co.**  
920 Nicollet Ave., MINNEAPOLIS, MINN.

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## HOTCHKISS PAPER FASTENER

A labor saver; always ready instantaneous  
in action; automatic Feed.

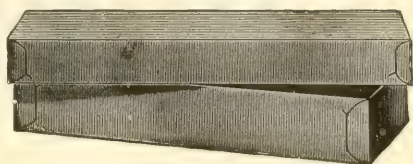
The staples when inserted into the machine are  
automatically cut off and fed forward accurately and  
without failure. The staple is always ready to be  
driven and a single blow will suffice to drive it  
through 1 to 25 sheets of paper and with the same  
movement fed forward the next staple. After the  
strip is used up, it is very easy to place another strip  
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Price, Machine and 500 Staples, \$1.50.

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51 Wabash Ave., Chicago.

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## CUT FLOWER —AND— Design Boxes

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
MILWAUKEE.

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## New Imported Florists' Baskets

Our line of baskets contains many absolutely new designs that have never been  
seen in this country. It is all freshly imported stock from Europe, and is the  
work of true artists. Let us send you a sample trial order. We know we can  
please you. Call and see us when in Chicago. SEND FOR FREE CATALOG.

**The Raedlein Basket Co.,**

713 Milwaukee Ave.,  
near Huron St.,

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**FLORIST'S SUPPLIES.**

We Manufacture all Our  
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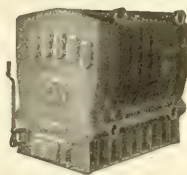


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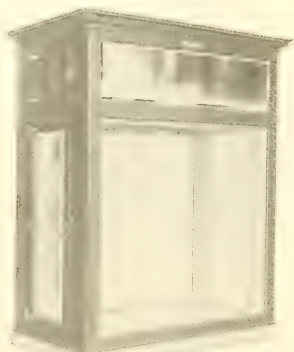
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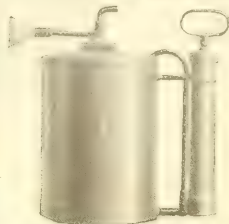
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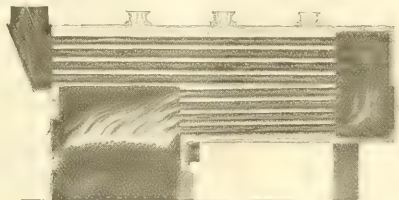
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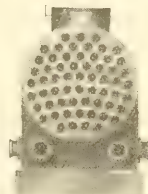
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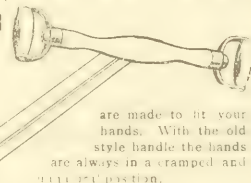
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Vol. XXXVI.

CHICAGO AND NEW YORK, APRIL 8, 1911.

No. 1192

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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## Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue as otherwise they may miss some of this high grade work.

## SUGGESTIONS FOR EASTER WORK.

### Easter Preparations.

With the date of Easter as late in April as it is this year, the florist should be provided with a great wealth of the finest stock for this great floral day. Easter marks the opening of spring, in the business world especially, and the bright and warmer days and the great variety of plants and flowers which the florist has at this season, creates a desire to purchase some of nature's beauties in every flower buyer. The winter just passed has been generally very satisfactory, and there is no question but that the Easter trade this year will exceed that of the preceding years. To meet this demand the grower and dealer must be prepared. The lily is, of course, the flower first associated with Easter and perhaps the most necessary plant, for no one can afford to be without this flower and plant at this time. There should be this year a good stock of this important plant, but the retailer should be sure that his stock is secured and it pays, wherever possible, to visit the grower and select the plants and have them reserved. It will be too late to wait until the stock arrives and then find it is not satisfactory, or to put off the selection so late that the choicest have been picked out and there are none left but the culls. The general reports are that the lily crop is of excellent quality, and there will be plenty to go around, but the latter statement is always conjectural until the demand is fully satisfied, and it never pays to get the idea that there is going to be plenty of good stock. The first quality stock sells early and the late buyer is obliged to take what can be obtained. The prices, as far as quoted, are the values at which this stock has been sold for the last few years, and if handled rightly, can be disposed of at good profit to the retailer. The lily can be put to so many uses at this time, it is the necessary plant in all church decoration, can be so nicely arranged in basket work and quantities of pot plants will be sold singly for house adornment, some with pot covers and many with no decorations at all.

Azaleas will be as usual one of the attractive plants at Easter, and while they do not last as long in the houses as do those sold during the earlier winter, there is no other plant that gives so much satisfaction to the buyer, or which gives the purchaser the amount of show for the money expended. These plants decorated with a Porto Rican mat of harmonious color, are great favorites with the best trade. Great care should be taken in the selection of the color of the mat, for these additional features, unless harmonious colors are chosen, detract from, rather than add to, the beauty of the plant. Another idea in much use is the procuring of a cheap pail or tub, of small size, placing the pots in these, and tacking the matting upon them. An added feature of this manner of treating plants is the safety of the pot, there being no danger of its being broken, and the mat is securely fastened so that it is impossible to slip off. The pots of other plants, such as hydrangeas, rhododendrons, rambler roses, and bulb stock can all be treated in the same manner. Low willow baskets of a size suitable for the bulb pans are valuable additions to these and can be procured at a small cost.

### Flowering Plants.

As has been mentioned, the azalea is one of the most important plants at Easter, and among the late blooming varieties are some of the finest of this beautiful and satisfactory plant. The deep pink Mme. Van de Cruysen, the light pink variegated Prof. Wolters, though single, is very beautiful, the lighter shaded Emperor of Brazil and Pres. Oswald de Kerkhove, the darker shades of Dr. Moore and Apollo, with the whites, Niobe and Bernard Andrea alba, are all excellent varieties and supply a variety of colors obtained in few of the many of the plants grown under glass. The azalea mollis also is very attractive, but it lacks the high and assorted colors of A. Indica, as well as the beautiful foliage. As specimens they are not so popular, for the bare stems detract from the appearance of the plant, but they are useful in basket work, especially with lilies or other



white flowers. Hydrangeas are one of the showiest plants at this season, and although among the more expensive, are very satisfactory and when well grown, with six or eight fine heads of bloom, are well worth the prices obtained. Rhododendrons are popular with the buyers who are willing to pay a good price for a large plant, and are very showy, but with a class of trade that does not want to spend more than one or two dollars for a plant can not be considered, for good specimens cannot be grown and bloomed at so low a cost. Spireas are a standby for Easter, and always meet with good sale, and are especially adapted to decorations of all kinds. They are comparatively a cheap plant, especially the older white varieties, but compacta has forced the old Japonica almost entirely out of the market. The latter makes a very good cut flower for some purposes, but as a pot plant is not in the same class with compacta. The varieties of more recent introduction, such as Gladstone, and Queen Alexandra, are valuable additions, and showier plants. It is well to advise the customers, as well as to always remember, that spireas require plenty of water, the heavy foliage and quantity of flowers are a severe drain on the small pot enclosing the roots. Marguerites are always a good selling spring plant if well done and full of bloom and the large plants can be made of use in decorations to good advantage. The bulbous stock is always a great feature at Easter, especially among the cheaper plants, and pans of tulips, narcissus and hyacinths are sure of good sale. Although they do not last long, yet the colors are bright and there is a great variety, and for the price demanded the customer has a very brilliant show. If the pots or pans are covered with water proof crepe paper, matting, or placed in shallow baskets, the sale of these can be materially increased at a small cost. Cinerarias at this season make a most beautiful display, and while perhaps not as satisfactory a house plant as some others, yet make a fine show and are a favorite with many. The variety stellata is much taller than the older hybrids, and makes more show, but does not have the compact heads of the latter. Lily of the valley in pots is always popular at Easter, and is of such easy culture that every grower should at least have a few pans at this time. It does not take the special culture to produce these flowers in early spring that is required during the winter season, and there is a place in every greenhouse that can be adapted to growing this flower in the spring. Cyclamen and primulas are always good Easter plants, and are easily grown for this season by retarding them during the winter months. They are invaluable for basket work. The ericas and acacias are beautiful plants and although slow growing are valuable additions at this time of the year. The flowering prunus are grown extensively near the larger cities, where there is a good demand for something novel, and find ready sale. A plant that is always popular is the genesta, with its bright yellow flowers, and these can be grown into fine specimens; they can be trained in various shapes, some growers having them in pyramidal form, trimmed and shaped like handle baskets or as immense yellow balls.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Easter Plant Baskets.

SEE SUPPLEMENT WITH THIS ISSUE.

The plant basket has long been a favorite form of Easter present and has proven a profitable line for the retailer. At Easter there are perhaps more flowering and foliage plants than at any other holiday and a retailer has only himself to blame if he does not get a good variety into his baskets and other devices. Of late years simplicity in arrangement has been the prominent note in this class of work and this can be combined with grace and effectiveness with the material at hand. Our illustrations show, far better than we can hope to, how these baskets should be arranged. Beautiful effects can be worked out in one color styles. For instance, as a pink basket we have seen very beautiful results from using Dorothy Per-

nothing in the whole range of plants that can compare with it for the special festival after which it is popularly named. A lily can never be put in the wrong place; it associates well with any and every other kind of flower and plant and does not lose any of its fine individuality or detract from the beauty of the others. It is this quality that makes the white lily so popular for every class of decoration.

### Easter Suggestions.

THE SWAN.

Have a wire frame made in the shape of a swan and cover entirely with white roses, using asparagus plumosus for the necessary green and let it appear as if it were gliding through water, which can be represented with either a mirror, real water, or a plateau made of the delicate blue plumbago blossoms; bank around whichever foundation is used, an artistic wreath arrangement of asparagus plumosus. Take four little ducklings (stuffed Easter novelties) of fair



EASTER BASKET BY C. A. SAMUELSON, CHICAGO.

Crimson Rambler Rose and Adiantum Farleyense in Wicker Basket With Silver Grass Ribbon

kins or Lady Gay roses with Primula obconica or Sinensis, cyclamens or pink hyacinths. Narcissus and daffodils combined with genistas and tied with a ribbon of old gold makes a charming all yellow device and many others can be worked out in keeping with the stock at command.

No flower is so popular at Easter as *Lilium longiflorum*, either as a pot plant or cut and it is equally useful as a basket plant for associating with other species. It stands head and shoulders over everything else in its chaste beauty and charm and there is

size and to each attach narrow streamers of white satin ribbon and fasten to the beak of the swan. A fringe of white rosebuds or lily of the valley can be used around the asparagus plumosus. If a still more elaborate decoration is desired, a canopy can be prettily extended over the center made of lily of the valley and asparagus.

AN EGG LUNCHEON DECORATION.

Have a large wire frame made to represent an egg, cover this with variegated pink and white carnations and tie around the center a chiffon bow of pink ribbon—place the egg on a large

flat basket of lily of the valley arranged flat to the surface, place beneath this a rich fringe of maiden hair fern. The top of the egg can be hollow, so that on either side of the ribbon strawberries with their green stems can be placed in it, arranged so the stems stand upright. Around the egg, and in the midst of the lily of the valley, place smaller eggs at even distances, or better still, arrange the smaller eggs by themselves around the larger centerpiece, making a small mat of lily of the valley for each small egg to rest upon. To add to the color scheme a red mat of satin could be laid effectively underneath the centerpiece and smaller mats.

#### THE GRAPE FRUIT CENTER PIECE.

An odd center piece can be made of grape fruit skins, filling the halves with soft moss. Fill each with a graceful arrangement of yellow primroses, in the center a few sprays of lily of the valley. Attach to each grape fruit a yellow satin ribbon tied in a pretty bow, so that at the close of the banquet the grape fruit can be distributed to the guests as souvenirs, the ribbon serving as a loop to carry over the arm. Around this center arrangement place a wide graceful wreath of narcissus and pansies. Pansy boutonnières will go well with this arrangement.

#### A VENETIAN GONDOLA.

Make the frame work as graceful as possible, covering with red geraniums or carnations. From prow and stern, suspend Venetian lanterns and red flowers, and from one side of the stern extend a long oar of red flowers. This can be placed to good advantage on a bed of Kenilworth ivy surrounded with a dainty wreath of scarlet geraniums. As favors, use small Venetian vases filled with a solid mass of red geraniums, suggesting the rather stiff effect of the Venetian garden, finishing the same with white chiffon bows. The oblong effect of center piece should be accentuated and kept in mind.

#### THE NEST.

Take a large round flat basket and mound with moss to the height of five inches, and cover with white hyacinths arranging the flowers flat. Take a fair sized egg frame and make of violets, arranged closely and evenly, tied with a chiffon bow of violet ribbon. Finish center piece with a loosely arranged garland of maiden hair fern, around which place a tiny hedge of white hyacinths. Garlands of violets can be prettily arranged on the table and corsages of violets for favors. This can also be made prettily of pansies, using the dark purple shades and making the basket of yellow pansies.

A. E. KLUNDER.

#### Cut Flowers and Decorations.

While, of course, the great demand for Easter will be for blooming plants, yet there is sure to be an increased demand for cut flowers, and while the majority of the orders will be for boxes of roses, carnations and other flowers, in boxes, there will be some call for baskets, and on Easter morning a great many corsages will be ordered. Violets are always popular, but it looks this year as if they may be a little past their prime, and of poor quality. The month of March has this year been very bright, and the spring crop of violets has bloomed with a great rush and abundance, which may

cause a scarcity of these flowers by the middle of April. But sweet peas are in plenty and make beautiful corsages, and lily of the valley with orchids or mignonette for those demanding a rich combination, and the daffodils and other smaller flowers can all be used for this purpose. Church decorations are in many places, especially the large cities and towns, a great feature at Easter, and while in many places the plants and flowers are purchased and arranged by the people of the churches, still there are many orders placed in the florists' hands to complete the arrangement. In the first case a word of advice from the florist is greatly appreciated, and, if possible, a look into the church after the decoration is completed, suggesting changes, will greatly assist the amateur decorators and redound to the credit of the one interested enough in his customers to give his assistance. In the decorations arranged by the florist great pains should be taken. As a rule, churches are difficult to decorate; the walls and background are seldom fitting to show off the flowers. This is especially true of flowers of the color of pink and a setting of green is required to bring out the contrast so necessary to make the flowers prominent. The walls should be draped or a bank of palms arranged behind the flowers to make a decoration beautiful, and this should be explained to the one in charge of the ordering, in a manner that not only shows that the florist is a master of his art, but that the expense may be fully covered and the customer satisfied. Just a word in regard to prices. Flowers for the month before Easter have been in many cases very cheap, and while a small advance will be understood, the custom of boosting the prices up to mid-winter mark is uncalled for, and should be deprecated by every one having the interest of the business at heart. It is particularly at this season that the yearly custom of advancing the price to three or four times what the flowers have been sold at for the last two or three weeks that has caused many buyers to designate the florists as robbers. The customers are willing to concede that the demand is large, but they also know that the supply is generally adequate, and they feel that it is a case of "hold up." Be reasonable, young and old both buy flowers at Easter, and it hardly pays to scare away one who, perhaps if he thought he wouldn't be robbed every time he went into a flower store or greenhouse, would become a steady and satisfied customer. And, at all events, shun pickled stock. It is a shame, after accepting an order and taking the money, to send a customer flowers that show when they leave the store or greenhouse that they are going by. Better be honest and return the money, and disappoint the customer in that manner, than to send out stock that is going to be unsatisfactory. Remember the golden rule in a case of this kind, and keep the good will and trade of the customer.

WINNIPEG, MAN.—The cut flower trade has been very good all winter, with considerable funeral work, and the prospects for spring trade are excellent. Owing to so much dark weather the stock has not attained the high grade of some years, but is rapidly improving. The winter has been one of the most severe experienced in the last twenty years.

#### Foliage Plants.

The demand for foliage plants at this time is not as large as at the earlier holidays, for Easter is a flower day, but there is always more or less call for ferns and decorative plants, and they are indispensable in the filling of plant baskets. A stock of these in nice condition should be procured and the plants on hand should be gone over and put into salable condition. Boston ferns are sure to be in demand, for those purchased last fall have in many cases become woe-begone specimens in the residences, and something to replace them will be necessary. Rubber plants are another decorative pot plant that has a good sale; these should be in fine growing condition, and if pot bound should be potted up a size a week or two before Easter. There will be call for palms and stock of *Cocos Weddelliana*, and *Phoenix Roebelinii* are not only a great addition to the store or greenhouse in making a setting for the blooming plants, but in the smaller sizes are splendidly adapted to the filling of plant baskets. *Dracaenas* are always in demand, especially the variegated varieties, such as *D. Massangeana*. In the variegated plants *Pandanus Veitchii* is particularly bright and showy at this time of the year, and an attractive feature in every collection. Small ferns are necessary. The visit to the florist at this time is often a reminder to the householder that the fern dish needs replenishing, and a good stock and variety should be on hand. It is not always easy to find a good assortment of ferns in spring, for many are over grown, and some so badly pot bound that they are stunted, and the procuring of these should not be put off too late.

#### Rambler Roses.

Of late years the rambler roses have taken a very prominent place among the Easter plants, and with some second only to the lily. The many varieties of this rose that have been produced during the last decade give the grower a great selection and variety of colors, for they range from the deepest reds through the pinks to pure white. The old *Crimson Rambler* while still grown by many is being gradually replaced by the later varieties. The *Philadelphia Rambler* is an improvement on the *Crimson Rambler* making a much handsomer plant. *Tausendschon* is a beautiful variety with its mingling of white and red in the flower. *Lady Gay* is one of the most pleasing of the rambler varieties. *Dorothy Perkins* is a beautiful shade of pink, and is always admired when seen at the stores, and the white *Dorothy Perkins* is sure to be a great favorite. *Hiawatha* is still another good variety which, although the flowers are not as double, still are very pleasing and beautiful. These plants, grown in almost any form, are very attractive, but those having long canes are better twined into globular or pyramidal forms. The old rambler could be cut off at two or three feet from the not and make a head of bloom, but it never compared with the plants that were shaped, and many of the newer varieties require that they be grown with the canes twined into form. These plants can be used in handle baskets with telling effect, taking one or two of the long canes and twining them around the handle of the basket, mak-



ing an attractive plant, and it can easily be sold at a price remunerative enough to recompense for all the cost of materials and labor. The Baby Ramblers are very bright and attractive, and when well grown are good sellers, and with many growers are supplanting the taller growing kinds altogether. The crimson Baby Rambler, while not as bright as the old Crimson Rambler, yet is of very pleasing color, and Mrs. Cutchush, the light pink baby Rambler, is a very beautiful shade. The small plants are especially adapted to plant basket work.

#### Advantage of Hot Water Over Steam Heat. ED. AMERICAN FLORIST:

We are contemplating enlarging our greenhouse plant from 8,000 to 11,000 square feet, and would like to ask the following questions: How large a place can be economically heated by hot water? Would it be any advantage to use steam heat, and why? What are the merits of a tubular boiler over the sectional steam boiler?

SUBSCRIBER.

There is really no limit to the use of hot water for heating within the ordinary sized greenhouse ranges, as when it becomes too large to use the gravity or open tank system, a closed system could be installed, and for still larger ranges a forced system of hot-water circulation could be used. The length to which the pipes can be carried will depend on the elevation of the coils above the boiler, but ordinarily 200 to 250 feet is about as far as coils of 2-inch pipe should run. Within reasonable limits the fuel cost will be less with an open hot-water system than with either hot water under pressure or steam.

The cost of installing a steam heating system will be only about 80 per cent as much as for a hot water system, and ordinarily it will be found advisable to put in a steam heating plant when the range of glass is large enough so that a night fireman can be economically employed during the colder months.

While a plant with 12,000 of glass might be heated with steam if a new system has to be installed, it would by no means be the limit for hot-water heating, considering the fuel cost of maintenance.

The tubular boilers are lower in cost than sectional heaters, and generally have rather more effectual heating surface, but they are less durable than cast iron sectional heaters.

L. R. T.

#### Hydrangeas Turning Yellow.

ED. AMERICAN FLORIST:

The leaves on my hydrangea plants turn yellow or light green. Can you inform me what is the cause, and of any remedy? At what temperature should hydrangea cuttings be grown when potted from the propagating bed?

New York.

H. G. W.

The hydrangea plants have probably been grown in either too poor soil or in too shady a location. If the drainage is poor or becomes stopped, the leaves will turn light color owing to over-watering. Plants that are grown in good rich soil, in a light house, with good drainage, have a bright dark green foliage, if the soil was poor, the plants should be watered with liquid manure or with water in which nitrate of soda, one ounce to five gallons of water, has been dissolved. The cuttings when potted should be placed in a house with a night temperature of 50°.

W.

## THE SECOND NATIONAL FLOWER SHOW

Boston, Mass., March 25-April 1.—Continued

### The Closing Days.

The interest in the exhibition at the Mechanics' Hall, Boston, continued unabated throughout the week, and the attendance on all the days was good. The visitors were greatly interested in the great display, going back time and time again, overlooking the exhibits, discovering some new plant or flower that held their attention. The additional exhibits on Friday and Saturday, especially of the table decorations and other floral work, awakened a new interest, and they were the center of attraction on those days and were greatly admired.

The management decided to hold the show open an extra day. The halls were opened on Sunday, April 2, from one in the afternoon until ten in the evening. During the week there were many entertainments and trips to the outside growers which were very interesting. The ladies were entertained with a trip to Concord and Lexington and at a reception held by Mrs. W. H. Elliott at her residence at Brighton. The Gardeners' and Florists' Club held an entertainment and dance on Wednesday evening and a smoker at the Hotel Somerset was another enjoyable feature. Many visits were paid to the greenhouses of the noted growers in the vicinity of the city, one of the places of interest being the houses of Thomas Roland at

Nahant, where the beautiful plants exhibited at the show and so much admired were grown.

So much time was spent in inspecting the show and in enjoying the other attractions that were offered that it was at times difficult to get the members together to attend the meetings of the different societies, but the officers of the several organizations succeeded in carrying out the programme in accordance with the arrangements. Those that attended the show had but one phrase to utter, that it was the best show they had ever seen and they were well repaid for the time and expense spent in attending it.

### Notes and Gleanings.

There is always something interesting for the visiting florist to see in Boston. He can start the day with the markets, and it must be an early start, for they are in full blast at six o'clock. A great variety of stock is here offered; pansies are notably fine, there were plenty of single violets, but the lateness of the season was having its effect and, although better than any seen in the more southern cities, they were said to have been much better a month ago. Yellow primroses or cowslips were a feature and quantities of bunches were sold. Bulbous stock was seen in quantity, as were sweet peas, and such sweet peas. Boston can be said to be the home of



EASTER BASKET BY HARRY C. ROWE, CHICAGO.

Bougainvillea Tied With Pink Ribbon.

this lovely flower, which is nowhere else done as well. Quite a number of roses were offered but they were not of the highest grade. They were handled nicely, being kept in layers of twenty-five with a sheet of paper between which insured their handling without being bruised. There was a goodly quantity of carnations, with a fair showing of snapdragon. Some plants in pots were seen of cyclamen which were wonderfully fine. Nothing like them can be seen outside of Boston at this time; the flowers were of immense size, with stiff erect stems that stood well above the foliage, five and six inch pots carrying as many as fifteen blooms to a plant, and some with even more.

Welch Bros.' wholesale house is an interesting place; it is very commodious and a fine stock in all lines was seen; roses are not in vases, being kept in boxes in layers as seen at the market. They think they keep better this way and are not as liable to get bruised. N. F. McCarthy & Co.'s large auction and commission house is another place where everything looked businesslike and where an immense business is done. The retail stores are quite up to date and compare favorably with those of other cities. Penn's, on Bromfield street, while not one of the largest, was full of business; every inch of space was utilized, and the cases and counters were filled with the choice of the market, both of cut flowers and fine plants. The window was elaborated with sweet peas. At T. F. Galvin's they were moving around lively; the cases were filled with choice flowers, and handsome plants occupied prominent positions. The large show windows contained fine *Adiantum Farleyense* ferns. Handsome and valuable paintings adorn the walls of this store. Wax Bros. featured violets and pansies. Large flat bunches of choice pansies are kept made up for immediate sale. These are arranged with galax leaves which as they are placed in the bunch are cut or slit with scissors and into this opening is pulled the stem of a pansy and drawn down until the flower is flat. The flowers are placed so close together that the leaves are not seen except around the edge. They appeared to be popular as corsage bunches, as quite a number were noticed being worn by ladies on the streets.

E. MacMulkin's large store fronts on two streets and contained a large stock of fine plants and flowers. W. E. Doyle's is also a commodious store, with the added advantage of a conservatory in the rear in which were seen some splendid kentias. Carbone's pretty store is always worth seeing, as pottery and garden vases and statuary and china cut flower vases of many designs and all the exclusive importation of Mr. Carbone, who makes two trips to Europe each season to pick up novelties for his trade, are seen here in great variety, as are many baskets of unique shapes, which are also the selection of Mr. Carbone while abroad. The store is decorated at all times with samples of these pots and vases in use holding choice blooming or foliage plants of the proper size. Several small tables set for luncheon or dinner with cloth and plates were used to show off the various small vases, and clusters of the same filled tastefully with flowers. Many sales must have been induced with these displays, as they were very



EASTER BASKET BY JOHN MANGEL, CHICAGO.

Cross Handle Basket with Crimson Rambler Rose and Chiffon.

pretty and effective. Small china holders modeled after, or of the same pattern as the Japanese glass holders, looked very practical. The windows were filled with Ghent azaleas and lilac plants in flower. An Italian fountain was also a feature in one window.

F. H. Houghton's window was quite different with its dressing of laurel. Moss had been used to cover the bottom and left with an undulating surface rising to points made with up-turned pots and fibre flower vases. Into the surface of the moss was then placed short laurel branches until it was entirely covered, making a pretty green foundation for selected plants and baskets which were the feature of the window display. Galvin's Back Bay establishment is one of the finest in the country and has often been described. Its handsome specimen flowering and foliage plants, together with vases of choice cut flowers placed at vantage points, and the large flower case or refrigerator, into which the

customer may be taken, filled with the best stock showed that a strong bid for trade was being made. Hoffman, who is ideally located for family trade on Commonwealth and Massachusetts avenues, has a live up-to-date store, and the four large windows were all decorated with showy foliage and flowering plants, while the interior was looked after in a like manner. A feature of the store was a fountain around which in the water was a collection of very fine cut tulips. In the downtown district near the markets were the stores of Julius A. Zinn and H. R. Comley, which were nicely arranged, full of good salable stock, and presented quite an up-to-date appearance.

K.

#### Echoes and Lessons.

The show is a thing of the past. The influence it left will be felt in the florists' and allied trades for many years. As a florist expressed himself to me, "This show will put Boston 50 years ahead." I am sure every stranger



enjoyed Boston, and we enjoyed their company. New ties have been made and old ones renewed. It was with a feeling of regret that many saw the end of the show, and it was a glorious satisfaction to everyone that Boston could put up such an exhibition. Such an exhibition of both quality and quantity was never known. Mr. Manda, an expert in such things, says, "It was a revelation to me."

I have heard a great many compliments about the beautiful show number of THE AMERICAN FLORIST. Mr. Butterfield deserves great credit for the able way he handled the show reports. His work shows him to be a past master for such a big job.

It has been an educational show for the average florist. He has learned more than was expected, and the seed sown will bear fruit. The trade exhibits were a great drawing card and there are many other departments which could have been added to the show in the allied trade exhibit which would have been a benefit to us had their attention been called to the importance of the exhibition. The florist has at last been brought to see that he has been wasting coal and not getting the proper results. How many of us can tell the temperature of our feed water, temperature of return water, temperature of flue gases, how to avoid the unconsumed carbon going out to smoke? Is the florist getting the amount of heat in ratio for every pound of coal burned? Is his return water coming back as hot as it should for practical economy? These questions have been brought to our attention by the exhibits, and live men are thinking them over. There is more coal wasted by the florist than in any other business, and by the application of improved methods I am sure we will be able to take our proper place in our rapidly growing business.

Steam and hot water boilers were shown with shaking and dumping grates, thus obviating the grates being worn out by the careless fireman in charge. Recording gauges and improved damper regulators are all a direct benefit to us, and a saving of time and money. It would be hard to give a description of each exhibit and do it justice. In the plants and flowers they were so close that it would simply be impossible. In the trade exhibits each one has its particular merit. The Moorehead Trap exhibit was omitted in last week's report unintentionally, not being placed till after the notes were taken. They showed a No. 1 trap taken from the Hanover Greenhouses, Hanover, Mass., which was in operation for two years, and was in practically as good order as when new, it having been taken out to be replaced by a size larger, a No. 2. Mr. Gogan, their agent, shows a flue scraper and a reducing valve, both of good construction and practical. Another exhibit of merit was from the Johnston Heating Co. of New York City. It was a steel return tubular boiler of the locomotive type, differing from the latter in that the heat, instead of going out at the end of the boiler, returns in another set of tubes placed above those in the firebox. This boiler looks as if it was built for business, is rated for 150 pounds pressure of steam and the temperature of the flue gases upon entering the chimney is reduced one-third of that in some other types of boilers. The sheets are 3/8-inch

and head 7/16-inch in thickness. This boiler was sold to M. A. Patten, of Tewksbury, Mass.

Mr. Sanborn, of the A. T. Stearns Lumber Co., Boston, reports receiving many orders at their stand at the show. The personality of Mr. Sanborn during his 12 years with the company has made a host of friends in the trade, and it would be hard to find a man who can command so much confidence.

The entertainment and dance given by the Gardeners' and Florists' Club was one of the great successes. Speeches were made by many prominent men. The smoke talk given by the trade in the Hotel Somerset was attended by some 600 men. Mayor Fitzgerald attended and entertained the party with some of his happy and witty sayings. George Asmus, of Chicago, was chairman, and that alone testifies to the oratory of the occasion. Mayor Fitzgerald and the Penn Bros. sang, the mayor rendering his favorite song, "Sweet Adeline," and the party broke up at a late hour with the feeling expressed in the old song, "Say au revoir, but not good bye." MAC.

ing, breaking up a little after midnight.

No statements of amounts received for admission were given out, but it could easily be seen that the gate receipts were heavy—it is believed the record of paid admissions will run ahead of that made in Chicago two years ago.

C. I. Campbell is a show manager that manages. He got the people there. The show was as attractive on the last day as it was on the first.

Edwin Forsyth, artist, showed Saturday afternoon a striking impressionist painting of the show about three and a half by eight feet.

Prof. Craig made an extended talk on sweet pea records, which he stated has been made up for him by Prof. Beal.

Thos. Roland's acacias and M. H. Walsh's rambler roses were perhaps the two choicest exhibits.

W. A. Manda got \$250.00 for a Kentia Belmoreana. He also got 87 prizes and a gold medal.

A. H. Hews & Co. generously loaned many large pots and 10,000 saucers to the exhibitors.



HYDRANGEA IN BASKET BY JOHN MANGEL, CHICAGO.

#### On the Slide.

Representatives of the trade in Boston gave a smoker at the Hotel Somerset March 30. This was indeed a treat and a surprise. Upwards of 500 men were present, the viands served were just what were needed; it was entirely informal and everybody had a good time. Vaudeville talent provided amusement until the appetites were appeased, then the mayor of Boston called in and the meeting became one for general talk and story-tell-

ing. There were so many attractions in the exhibits that it was hard work to get attendance at the business meetings of the different societies.

Trade exhibitors all say business was good—better than at annual conventions.

There were few protests, hence the judges must have done their work well.

Bulbs brought for exhibition purposes sold well.

Palms and other plants sold in numbers.



F. E. PALMER'S DISPLAY OF SPRING BULBS.

At the Second National Flower Show at Boston, March 25.

### The Judges.

The judges who officiated were as following in the different classes: Miscellaneous flowering plants: Adam Graham, Cleveland, O., and Andrew S. Meikle, Newport, R. I. Bulbous flowering plants: William Duckham, Madison, N. J.; J. F. Huss, Hartford, Conn.; A. H. Wingate, Lenox, Mass. Orchids: A. H. Wingate, Lenox, Mass.; A. Pericat, Darby, Pa.; J. F. Huss, Hartford, Conn. Ferns: James Dean, Freeport, N. Y.; G. V. Nash, New York; John Westcott, Philadelphia, Pa. Palms and foliage plants: C. W. Johnson, Morgan Park, Ill.; Philip Breitmeyer, Detroit, Mich.; James Forbes, Portland, Ore. National Association of Gardeners' exhibits: W. F. Gude, Washington, D. C.; W. J. Smyth, Chicago; L. L. Powell, Millbrook, N. Y.; A. Schultheis, College Point, N. Y. Retail arrangements: W. J. Palmer, Buffalo, N. Y.; J. H. Hill, Richmond, Ind.; James Forbes, Portland, Ore.; J. R. Frothingham, Tarrytown, N. Y.; Emil Buettner, Park Ridge, Ill. Carnations: E. Dailedouze, Brooklyn, N. Y.; R. Witterstaetter, Cincinnati, O.; Wm. Nicholson, Framingham, Mass.; Joseph H. Hill, Richmond, Ind.; E. A. Stroud, Stafford, Pa.; C. W. Johnson, Morgan Park, Ill. Roses: W. F. Kastling, Buffalo, N. Y.; Otto G. Koellig, St. Louis, Mo.; Fred Burki, Gibsonia, Pa.; Emil Buettner, Park Ridge, Ill.

### The National Society of Gardeners.

This society had several business meetings. T. Logan, Philadelphia, was elected president and Stamford, Conn., selected as the next meeting place.

One of the features of the week was the annual dinner of this body, tendered March 29 in the restaurant on the upper floor of the Mechanics Building. A sumptuous dinner was served and a great deal of wit and wisdom followed the coffee. Chas. H. Totty was toastmaster and Mr. Totty has become quite an expert in this line, the long stay in Boston, where the dis-

section, derivation and delivery of all words in the English language is a fine art, has just given the necessary finishing touch to his already acquired eloquence. He made good as toastmaster and all of the speakers he called upon had something pleasant to tell upon the subject assigned them. Among the speakers were C. B. Weathered, Robert Craig, F. Kelsey, William Duckham and others. Past President Wm. Kleinheinz was presented with a diamond pin in recognition of his efficient work on behalf of the society.

## Society of American Florists

The Adjourned Annual Convention.  
Boston, Mass., March 31-April 1.

### The First Spring Meeting.

The business meeting of the Society of American Florists scheduled to be held at the Mechanics' Building, Boston, Mass., March 31, was postponed until the next day, but at the evening session John Dunbar, of Rochester, N. delivered an illustrated lecture on "Trees, shrubs and flowering plants," which was full of interest from start to finish, before a good sized audience which listened attentively throughout the rendering of the paper.

Saturday, April 1, it became possible to get a meeting together, no meeting having taken place Friday. President George Asmus read his paper, and resolutions of thanks to the Gardeners' & Florists' Club of Boston were presented.

On behalf of friends Mr. Asmus presented to Thomas Roland a handsome silver service, suitable for a baby, for, during the exhibition Mrs. Roland presented her husband with a baby girl, it being born on Monday, March 27, and the silver set can at once be utilized.

The committee on final resolutions then reported the following:

After the adoption of the resolutions adjournment was taken until August, when meetings will be held in Baltimore.

The executive committee of the society went to Baltimore directly after the adjournment, and held a meeting April 3 at the Belvidere Hotel.

Whereas, the S. A. F., in the holding of its Second National Flower Show in the City of Boston, is deeply indebted to the Massachusetts Horticult-



JULIUS ROEHR'S CO.'S DISPLAY OF ORCHIDS.

At the Second National Flower Show at Boston, March 25



tural Society, the Gardeners' and Florists' Club of Boston and their ladies, Mayor Fitzgerald, the press, and the public of Boston, for courtesies extended and assistance rendered during the period of the show:

And whereas, the National Flower Show committee, through its board of control and its efficient managers, have all performed their duties in a manner entirely satisfactory to the society:

And whereas, Frank R. Pierson, the chairman of the National Flower Show committee, has given unlimited time and services to make the show a success:

Be it resolved, that the society extend its most heartfelt thanks for such courtesies and assistance rendered, and the entertainment so liberally furnished.

Furthermore resolved, that the society feels that the show has been an unqualified success, due greatly to the efforts of those mentioned.

And be it further resolved, that these resolutions be extended upon the members of the society, and copies sent to the organization's members.

#### President Asmus' Address.

It is with great pleasure I address you, ladies and gentlemen of the Society of American Florists, at this gathering here during the first spring meeting attempted by our organization in amalgamation with our kindred societies. It is the first time that the combination of holding flower shows, conventions and trade exhibits has been attempted, and it is for the purpose of ascertaining whether or not it has met with a general feeling of success by the different societies participating, and in view of the fact that our annual convention will take place as usual in Baltimore in August, the officers and members of the board of directors did not deem it advisable to interfere with the usual program of that meeting. I will, therefore, as briefly as possible, bid you, the members of the bodies participating in this gathering, a most cordial welcome in behalf of the Society of American Florists.

This gathering is the fulfillment of one of my most beautiful dreams. I, for a number of years, have thought that the concentration of all interested at the time of the year when the great-

est number of varieties of flowers are obtainable, namely, the spring, would be ideal for a convention. There are a great many things favorable to a spring meeting, one in particular being the time of the year to make displays of the goods we are most interested in, another being the doing away with excessive railroad travel, and time devoted to going to the different conventions when they are held separately in different cities and at different times. We are all very busy people, and time means money with all of us. It has been said that we have more time in August than at any other time of the year for convention purposes. This is true when a convention is taken in the way of recreation instead of business. I take the stand that conventions properly attended are strictly business, particularly when carried on as one would be by the amalgamation of the different societies, such as are represented at this, the Second National Flower Show.

While our membership has slowly increased, it is not an increase such as would be justified by the work done by our organization. Then there are so many large questions constantly coming up, and which are of vital importance to the success of our business, that it would seem two meetings a year were almost a necessity. Then again the big displays, that would naturally follow such spring meetings, would be of almost priceless value in the way of stimulating advertising. In the cities where such conventions and exhibitions were held, they would be self-sustaining to a certain extent, and it is not necessary that these exhibitions and conventions be held in the very largest cities, but any city of a population of two hundred thousand or more would perhaps be as good, taking into consideration the great good exhibitions of this kind would do local communities, as such exhibitions could not help arousing a great horticultural interest to the public at large, and this would be one of the ways our organization would do a great horticultural good. While there is no doubt about the grand hospitality that has been extended to the different societies at their meetings in the past, and while there is an open welcome in the hearts of all florists for their brethren in

business, we know that in some instances in towns and small cities the work falls upon a few people, and the precedent for entertainment having been established has become a custom, and has not always been an easy matter for the consideration of the local people. Instead of being anything of that kind to a large city, it would be just the reverse. It should mean such a big horticultural boom to that particular city or section wherein the same was held, that they would be more than recompensed for any trouble they may have had. I sincerely hope that the talks which follow after the close of my few remarks will be favorable to a continuation of the combined society meetings annually in the spring of each year.

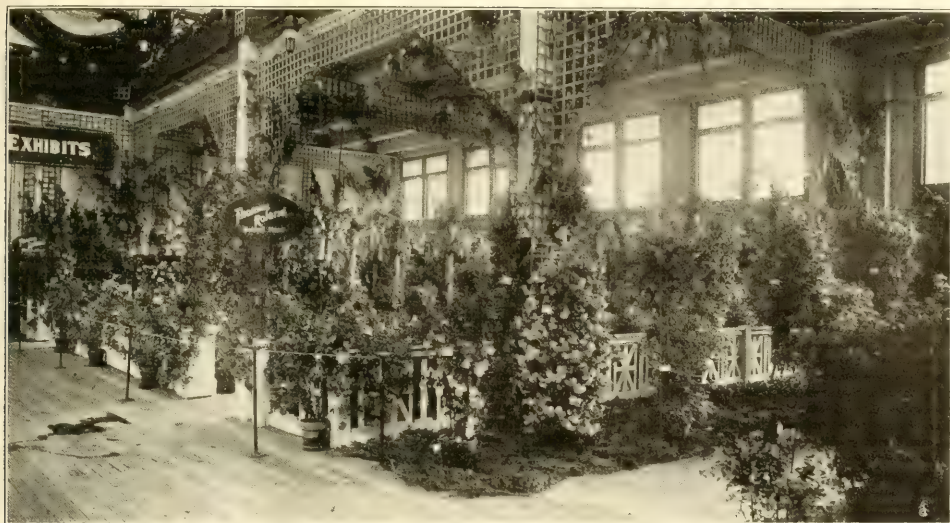
I wish here to give credit to the untiring efforts of our chairman of the National Flower Show committee, F. R. Pierson, of Tarrytown, N. Y., also to the members of that committee, as well as to the board of control and to local horticultural organizations who have been untiring in their efforts to make this show the great success it has been. But few on the inside know the great amount of work and detail there is in connection with an enormous undertaking of this kind, but it has been ever thus in the workings of our society, untiring and unselfishness for the general good of all has been the watchword of the great majority of the members of this society. Let us assist them at any and all times it is in our power. Nor must we think we have achieved the greatest, or reached the top of the ladder, but put our knowledge and thoughts to greater things, many of which are in their infancy, and which I will dwell upon in my address at the August convention.

One of my predecessors, Ex-president Valentine, of Denver, Colo., in his address before the convention at Cincinnati recommended the setting aside of certain hours for the meetings of different florists who are interested in the different branches of the business, such as the Retail section, Carnation Society, Rose Society, etc., which at that time created a very favorable impression. I was one of those who was deeply impressed with the idea, and believe that the present meeting has to a great extent covered a great many of



DISPLAY OF SWEET PEAS AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25.

Exhibited by William Sim, Cliffondale, Mass.



THOMAS ROLAND'S ROSE GARDEN AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25.

the ideas advanced in his recommendation. Our business, branching out as it does, and specializing itself as it has, and will continue to do from this on, must have individual organizations to further their specific purposes. I do not suppose that we can have an exhibition on so elaborate a scale as this each year, but with the combined efforts of the Carnation, Rose and Sweet Pea Societies, and additional premiums for plants, etc., I think a good annual spring show ought to be a successful feature from all points of view, and would recommend to you the consideration of a plan whereby the advisability of such be considered. The Society of American Florists is not a society with any one object in view, but the general promotion of all interests. We want the membership of the members of these organizations in the mother society, we should support them, and they should support us, as we should be one in purpose and one in accord.

#### Secretary Dörner's Report.

As the regular secretary's report was given at the convention held during the past summer, the report at this time will be in the nature of a supplementary one covering the time from the last convention up to date.

The financial statement attached to this report, as well as the treasurer's report, show a gratifying increase in the general fund and a marked increase in the permanent fund. During the past year, the fees of 28 members were added to this fund. As has been the custom in the past, the executive board has ordered that all interest on both general and permanent fund be added to the permanent fund.

The trade exhibit of 1910 was unusually successful. The entire receipts for sale of space was \$2,460.43. The total expenditure, including the superintendent's salary, was \$944.52, leaving a balance of \$1,515.91 in the treasury. This was without doubt the most successful trade exhibition ever held

by the Society of American Florists.

A comparison of the membership of 1909 and 1910 may be of interest:—Life members: 1909, 219; 1910, 247. Annual members: 1909, 776; 1910, 826. Total: 1909, 995; 1910, 1,073. During the year 228 new members were taken in. This number also included old members reinstated. Of this number, 13 entered as life members. In addition to these, 15 members were transferred from the annual to the life membership roll. The total number of life members added during the year was 28. We are now past the thousand mark and have raised our goal to the two thousand mark. Let us hope that by united effort we will reach that mark in a few years instead of the 27 necessary to reach the thousand mark. This could be done very easily if each member made an effort and secured one new member. This would make our membership 2,146 instead of 1,073.

Up to date, 15 have been added to the life membership roll. Eleven are transfers and four are new members. Up to March 29, 47 new members have been taken in. The total number of members now in good standing is 854. This number includes the life members, pioneer members and those annual members who have paid their 1911 dues.

Since our last report in August, 1910, 26 registrations have been made. The plants registered were as follows:—one coleus, thirteen chrysanthemums, one canna, eight geraniums, three roses. A complete list of registration for the year will be given at the August convention.

#### National Sweet Pea Society.

This society commenced on the afternoon of March 29 with quite a good attendance. President Geo. Asmus of the Society of American Florists made a brief address of welcome. President W. A. Burpee, after a few opening remarks, introduced Prof. A. C.

Beal of Ithaca, N. Y., who presented a paper on the results of experiments at the trial grounds at Cornell University and of trials made under glass. This paper was referred to a committee and publication reserved for the present. G. W. Kerr of Doylestown, Pa., and William Sim of Cliftondale, Mass., presented interesting and instructive papers, which received close attention.

Philadelphia was chosen as the next meeting place for the exhibition and convention, which is to be held June 22-23, unless the committee who have the matter in charge decide that it will be more advantageous to have them on some other days, and that if the date be changed, decision must be made three weeks in advance of the dates mentioned, and the trade notified to that effect.

#### American Gladiolus Society.

An enthusiastic meeting of the American Gladiolus Society was called to order at Boston, Mass., March 30, President Hendrickson in the chair, who opened the meeting with a short address. The records of the last meeting were read and approved. The reports of the financial secretary, membership committee and treasurer were read and accepted.

The committee on bulletins reported that two bulletins had been issued and requested the members generally to make notes on diseases, failure to bloom and the same variety having two or more names, and contributing the same to the committee.

The committee on the Baltimore show stated that the schedule of premiums is not yet made up, owing to the fact that the trade had not been approached in the matter of offering special prizes, and it was hoped that the growers and trade generally will be generous in this matter. They recommended that the premiums in the amateur section be increased and that prizes should be offered for table dec-



orations, baskets, vases, designs, etc. They reported that T. H. Michell offers a cup valued at \$25 for the best vase of 25 blooms of Kunderd's Glory, and B. F. White offers to give \$35 towards a prize fund if 49 others will give a like amount. The report of the committee on nomenclature was then read by A. Cowee of Berlin, N. Y.

The committee on exhibitions suggested that the society should endeavor to induce all societies to enlarge their premium lists and offer larger and more attractive prizes, and requested that the members use their efforts in bringing this to the attention of those having charge of the matter, and offered the following: Your committee feels that the rules to govern the awarding of certificates of merit is such a vital and far-reaching matter to those who exhibit seedlings for certificates, and to the many points to be determined upon, that it is best to submit the following scale of points and ask for a full and free discussion, as the best solution of a difficult problem and one which shall be satisfactory to all:

|                                            |    |
|--------------------------------------------|----|
| Scale of points for judging gladioli:      |    |
| Resistance to disease.....                 | 5  |
| Texture of flower.....                     | 10 |
| Duration of bloom.....                     | 10 |
| Size of bloom.....                         | 10 |
| Color of bloom.....                        | 10 |
| Form of flower.....                        | 10 |
| Form of spike.....                         | 10 |
| Stem (length and stiffness).....           | 10 |
| Number of flowers on spike.....            | 15 |
| Vigor (aside from disease resistance)..... | 5  |

The adoption of the scale resulted in considerable discussion on the part of all in attendance. A committee on nominations, to be appointed by the president, was ordered. After a discussion of the trial grounds for varieties the meeting adjourned.

#### Gardeners' and Florists' Club of Boston

On the night of March 29 this society gave a reception and dance to visiting florists and ladies. An entertainment was furnished by the following artists: Mrs. McKeon, soloist; Miss Livermore, in monologues; the Misses Irvine, dancers; Neal Millar, soloist; H. A. Clark, humorist, and Miss

Rifford, accompanist. The remainder of the evening was enjoyed in dancing. During the evening lunch was served in an adjoining hall. The committee in charge was W. A. Hastings, floor director; W. J. Patterson, assistant; P. J. Van Baarda, James Miller, George W. Butterworth, B. Hammond Tracy and Edward Rose, aids. There was a crowded attendance, the festivities lasting until after midnight.

#### Additional Awards.

##### Classes Displayed March 31.

Display of cut roses covering 200 square feet of space and not to contain less than 200 blooms—A. N. Pierson, Cromwell, Conn., first; A. Farewald, Roslyn, Pa., second; W. H. Elliott, Brighton, third.

For the best and most artistic arrangement of 100 cut roses—S. Hoffman, first, with basket arrangement of Killarney roses; E. MacMulkin, second, using White Killarney roses. Exhibit of carnation blooms covering 50 to 100 square feet of space—Pierce Bros., first; S. J. Goddard, second; Patten & Co., third.

Table decoration in which carnations are the principal flower used—H. Penn, first; E. MacMulkin, second; J. J. Casey, third.

Mantel decoration in which carnations are the principal flower used—Boston Cut Flower Co., first; E. MacMulkin, second; E. MacMulkin, third.

Hamper of carnations—E. MacMulkin, first; H. Penn, second; S. Hoffman, third.

Basket of carnations—Julius A. Zinn, first; J. J. Casey, second; H. Penn, third.

Brides or Bridesmaid's bouquet—S. Hoffman, first; Julius A. Zinn, second; H. Penn, third.

These rose and carnation exhibits were of superior character indeed in A. N. Pierson's winning display, the new Dark Pink Killarney and Prince de Bulgarie were conspicuous features.

Best table decoration offered by the Ladies' Society of American Florists—S. Hoffman, first, with table of Ghent azaleas and corsage bouquets of Mrs. Aaron Ward roses.

Best floral design, offered by the Boston Flower Exchange—S. Hoffman, first, with wreath of Mrs. Aaron Ward roses and lily of the valley; H. Penn, second; J. T. Butterworth, third.

In the National Association of Gardeners classic.

Best specimen palm—Donald McKenzie. For exhibitor taking most prizes—Wm. Kleinbehn.

##### Orchids—Cut Flowers.

Best display and collection of cut orchids, each species or variety filling one vase, arranged for effect. Cut greens admissible in arranging the same—J. T. Butterworth, first.

Flowering stem of cattleya, any species—W. A. Manda, first; W. A. Manda, second.

Flowering stem of lilia, any species—W. A. Manda, first.

Flowering stem of lilia-cattleya or hybrid cattleya—W. C. Rust, first.

Flower cypripedium, any variety—W. A. Manda, first; J. T. Butterworth, second.

Flowering stem, denrobium—W. C. Rust, first; W. A. Manda, second.

Flowering spray odontoglossum, any variety—J. T. Butterworth, first.

Flowering spray oncidium, any variety—W. A. Manda, second.

Flowering spray phalaenopsis, any variety—W. A. Manda, first; J. T. Butterworth, second.

Flowering spray vanda, any variety—J. T. Butterworth, second.

Flowering spray of any orchid other than above—W. A. Manda, first; W. A. Manda, second.

##### Special Awards.

Silver medal to John H. Doids, gardener to John Wannamaker, Philadelphia, Pa., for Golden Pandeus Lindenlaurst.

Silver gilt medal to Charles J. Sander, gardener to Prof. C. S. Sargent, Brookline, for seedling azalea.

Bronze medal to Robert Craig Co., Philadelphia, Pa., for collection of seedling crotons.

Bronze medal to W. C. Rust, gardener to Dr. C. G. Weld, Brookline, for seedling rhododendron.

Bronze medal to W. A. Manda, South Orange, N. J., for Polypodium Maudiana.

Certificates of merit to P. R. Pierson, Tarrytown, N. Y., for Nephrolepis muscosa; Robert Craig Co. for croton, Mrs. Duncan Macav, and R. G. Wilson, Brooklyn, N. Y., for unnamed fern.

Honorable mention to J. C. Hatcher, Amsterdam, N. Y., for Asparagus Hatcheri.

Mass. Horticultural Society's Special Awards.

Gold medal—To W. A. Manda, South Orange, N. J., for display of palms, tree ferns and other tropical plants.

Gold medal—To Thomas Roland, Nahant, for group of acacias and other plants.

Silver medal—To Clement Newbold, Germantown, Pa., for two specimen Indian azaleas.

Silver medal—To Prof. Chas. S. Sargent, Brookline, for collection of imantophyllums.

Silver medal—To Thomas Roland, Nahant, for indoor rose garden.

Silver medal—To M. H. Walsh, Woods Hole, for collection of specimen Rambler roses.

Silver medal—To R. J. Farquhar & Co., Boston, for indoor Dutch garden.

Silver medal—To Mrs. Frederick Ayer, Newton Highlands, for collection hard-wooded plants.

##### Trade Exhibit.

The judges of the trade exhibit recommend a small entry fee, as this will prevent unworthy exhibits being entered. It is also recommended that more specific conditions be presented to those entering, and included in the entry blank, as many of the exhibitors do not clearly understand the conditions to be complied with.

Certificates of merit were awarded as follows: Caldwell Lawn Mower Co., Newburgh, N. Y., lawn mower operated by gasoline engine.

C. Keur & Sons, Hilleagon, Holland, bulbs.

Lord's Frost-proof Plant Box Company, plant box.

S. B. Church, J. Comer Jones, manager, Boston and Seymour, Conn., gasoline engines and spraying machines.

Revere Rubber Company (G. P. Whitmarsh), Chelsea, nozzles and couplings.

Hitchings & Co., Elizabeth, N. J., ventilating machines.

Wertheimer Bros., New York, gold and silver edged sprinkler-proof ribbon and wire edged chiffon sprinkler-proof ribbon.

Honorable mention was awarded as follows: Lord & Burnham Co., Irvington, N. Y., pipe hangers.



VIEW OF CARNATION EXHIBIT AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 28.

Hitchings & Co., Elizabeth, N. J., new model water boiler.  
 Revere Rubber Co., Chelsea, garden hose and spraying hose.  
 Mrs. C. R. Sanborn, Cambridge, patent forms for table decorations.  
 J. Jandahl, Cambridge, rustic work.  
 Eastern Nurseries, Jamaica Plain, collection of cactaceae.  
 O. Cusumano, Boston, florentine terra cotta.  
 Wilson Plant Oil and Fertilizer Co., New York, sprayers and tub carrier.  
 Eastern Library Supply Co., New York, (Macmillan Co.), works of Prof. L. H. Bailey, in horticulture.  
 Pearson U-Bar Co., New York, greenhouse exhibit.  
 Wertheimer Bros., New York, sprinkle-proof ribbons, radiom glass ribbons, greenidine ribbons and spun glass pins.  
 The following exhibits were highly commended:  
 Schloss Bros., New York, woven Easter greeting ribbon.  
 Lord & Burnham Co., Irvington, N. Y., curved box construction and ventilator.  
 Johnston Heating Co., New York, tubular fire-box boiler.  
 Thomas J. Grey Co., Boston, Detroit pruner.  
 Weathered Co., New York, greenhouse exhibit.  
 Wait's Interlocking Steel Co., Newburgh, N. Y., steel exhibit.

### Additional Visitors.

Harry Anderson, Cromwell, Conn.  
 S. A. Anderson, New York, Buffalo, N. Y.  
 J. R. Andre, Philadelphia, Pa.  
 D. W. Andrews, East River, Conn.  
 H. J. Arendshorst, Sassafras, Holland.  
 F. G. Badgley, Chatham, N. J.  
 S. H. Bancroft, Hartford, Conn.  
 E. Barker, Manchester, England.  
 S. C. Barker, Pittsford, Mass.  
 W. C. Barry, Rochester, N. Y.  
 Samuel Batchelor, Philadelphia, Pa.  
 Thomas Batchelor, Easttown, Pa.  
 H. E. Bates, New York.  
 Chas. Beasley, Norwich, Conn.  
 Louis Berger, Philadelphia, Pa.  
 John Birnie, West Hoboken, N. J.  
 A. T. Bodding, New York.  
 Jos. J. Braun, Stafford Springs, Conn.  
 P. J. Breitmeier, Detroit, Mich.  
 H. C. Brooks, West Haven, Conn.  
 J. Brown, Stamford, England.  
 R. C. Browner, Sassafras, N. Y.  
 J. Brunton, Burnley, England.  
 L. D. Bryant and wife, Kingston, Mass.  
 G. E. Burr, Freeport, Maine.  
 E. Buxton, Nashua, N. H.  
 Geo. C. Campbell, Philadelphia, Pa.  
 G. F. Chadborn, Newburgh, N. Y.  
 Miss A. Chandler, New York.  
 D. T. Connor, Philadelphia, Pa.  
 F. W. Creighton, New York.  
 Peter Crowe, Utica, N. Y.  
 W. A. Cull, London, England.  
 Wm. Currie, wife and daughter, Milwaukee.  
 J. H. Cushing, Anthony, N. J.  
 F. A. Danker, Philadelphia, Pa.  
 Julius Dill, South Orange, N. J.  
 J. Dillon, New York.  
 Wm. G. Dobbs, Auburn, N. Y.  
 J. H. Dodds, Jenkintown, Pa.  
 Victor Dorval, Woodside, N. Y.  
 J. H. Dunlop, Toronto, Ont.  
 Louis Dupuy, Whitestone, N. Y.  
 M. C. Ebel, Madison, N. J.  
 E. D. Eddy, Bangor, Maine.  
 W. Eger, Schenectady, N. Y.  
 C. Engelmann, Saffron, Walden, England.  
 John G. Esler, Saddle River, N. Y.  
 J. F. Fancourt, Philadelphia, Pa.  
 E. Fardel, Great Neck, N. Y.  
 J. Featherstone, Yonkers, N. Y.  
 C. H. Flood, Alto, N. H.  
 Jas. Forbes, Portland, Ore.  
 M. C. Ford, New York.  
 Frank A. Friedley, Cleveland, O.  
 Maurice Fuld, Philadelphia, Pa.  
 Elmer W. Gaebring, Philadelphia, Pa.  
 Thomas I. Gibson, Newport, R. I.  
 L. Grassich, Harveland, N. Y.  
 L. M. Graves, Harrington, England.  
 Robert Greenlaw, Philadelphia, Pa.  
 E. Groot, Lisse, Holland.  
 J. Grullemans, Lisse, Holland.  
 J. S. Gunn, Birmingham, England.  
 N. E. Hall, Montreal, Que.  
 Geo. W. Hampton, Philadelphia, Pa.  
 J. S. Hay, Philadelphia, Pa.  
 Thos. Head, Grotton, Conn.  
 Geo. Hill, Richmond, Va.  
 A. C. Hoyt, Murray Hill, N. J.  
 C. H. Hudson, Fishkill, N. Y.  
 F. Huss, Hartford.  
 W. T. Hutchins, Millbury, Mass.  
 P. Jahn, East Bridgewater, Mass.  
 Jules Johannes, Cromwell, Conn.  
 D. Johnson, Chicago.  
 J. F. Johnson, New York.  
 W. H. Johnson, New York.  
 F. Kennon, Gastonville, N. Y.  
 J. Keur, Hilgemo, Holland.  
 Mrs. F. King, Alma, Mich.  
 O. King, North Tonawanda, N. Y.  
 H. Komitsch, Secaucus, N. J.  
 T. N. Kronger, Allentown, Pa.  
 J. E. Lager, Summit, N. J.  
 R. Leland, Bar Harbor, Maine.  
 W. M. Logan, Jenkintown, Pa.  
 H. W. Long and wife, Biddeford, Maine.  
 F. Lord, Minneapolis, Minn.  
 L. C. Loring, Bar Harbor, Maine.  
 D. W. Ludwig, Ithaca, N. Y.  
 C. Luff, North Tonawanda, N. Y.  
 Duncan Macaw, Philadelphia, Pa.  
 E. R. Macomber, Portland, Maine.  
 W. A. Manda, South Orange, N. J.

## Wholesale Price of Easter Plants at New York, April 3, 1911.

| MISCELLANEOUS STOCK.                                                                |       | \$1.50, 3.00, 5.00, 15.00, 25.00            | Each. |
|-------------------------------------------------------------------------------------|-------|---------------------------------------------|-------|
| Acaela Longifolia                                                                   | ..... | 15.00, 25.00                                |       |
| " Paradoxa                                                                          | ..... | 1.50, 2.50, 3.00, 5.00                      |       |
| Azalea Dwarf Encke                                                                  | ..... | 35 to 1.00                                  |       |
| " Indica                                                                            | ..... | 1.50, 3.00, 5.00, 25.00                     |       |
| Bougainvillea                                                                       | ..... | 3.00, 6.00, 8.00, 12.00, 30.00              |       |
| "                                                                                   | ..... | 2.50 to 20.00                               |       |
| Boronia                                                                             | ..... | 35, 75, 1.00, 1.50, 3.00                    |       |
| Cineraria                                                                           | ..... | 25 to 1.00                                  |       |
| Candytuft                                                                           | ..... | 15 to 75                                    |       |
| Daisy, Marguerite                                                                   | ..... | 20, 50, 75, 1.00, 1.50, 2.00, 3.00 to 30.00 |       |
| "                                                                                   | ..... | 35, 50, 75, 1.00, 1.50                      |       |
| Deutzia Gracilis                                                                    | ..... | 35, 50, 75                                  |       |
| Erica Cavendishiana                                                                 | ..... | 25, 40, 75, 1.00                            |       |
| "                                                                                   | ..... | 2.50, 3.50, 5.00                            |       |
| " Persulata alba                                                                    | ..... | 40, 75, 1.00                                |       |
| " Magnifica                                                                         | ..... | 40, 75, 1.00                                |       |
| Geranium                                                                            | ..... | 75 to 12                                    |       |
| Genista                                                                             | ..... | 25, 50, 75, 1.00, 1.50, 2.00, 3.00          |       |
| "                                                                                   | ..... | 5.00 to 15.00                               |       |
| Gardenia                                                                            | ..... | 75 to 3.50                                  |       |
| Haythorn (Corylus ocantha)                                                          | ..... | 1.50, 2.00, 3.00                            |       |
| Hydrangea                                                                           | ..... | 50, 75, 1.00, 1.50, 2.00, 3.00 to 10.00     |       |
| "                                                                                   | ..... | 1.50, 2.00, 3.00 to 10.00                   |       |
| Japanese Plants (in Jap. jars)                                                      | ..... | 20 to 10.00                                 |       |
| " Gardens                                                                           | ..... | 1.50 to 25.00                               |       |
| Lilacs, Longidorm types                                                             | ..... | 50, 1.00, 1.50                              |       |
| " Calla                                                                             | ..... | 2.00, 3.00, 5.00                            |       |
| Metrosideros (Bottle Brush)                                                         | ..... | 1.50                                        |       |
| Paeonia Moutan                                                                      | ..... | 58, 12, 25                                  |       |
| Pansies                                                                             | ..... | 10, 15, 50                                  |       |
| Primula obconica                                                                    | ..... | 1.00, 1.50, 2.00, 3.00, 5.00 to 15.00       |       |
| Rhododendrons                                                                       | ..... | 35, 40, 50, 1.00                            |       |
| Spirea                                                                              | ..... | 1.50 to 25.00                               |       |
| "                                                                                   | ..... | 35, 40, 50, 1.00                            |       |
| Viburnum, Snowball                                                                  | ..... | 1.50, 5.00                                  |       |
| Wistaria Chinensis                                                                  | ..... | 2.50, 3.00, 5.00 to 25.00                   |       |
| ROSES                                                                               |       |                                             |       |
| Crimson Rambler                                                                     | ..... | 75 to 5.00                                  |       |
| "                                                                                   | ..... | 6.00 to 15.00                               |       |
| "                                                                                   | ..... | 8.00 to 15.00                               |       |
| Dorothy Perkins                                                                     | ..... | 1.50 to 15.00                               |       |
| Lady Gay                                                                            | ..... | 1.50 to 15.00                               |       |
| H. P. Types                                                                         | ..... | 1.50 to 15.00                               |       |
| " Ulrich Brunner                                                                    | ..... | 35, 75, 1.50, 2.50, 3.00                    |       |
| " Frau Karl Druschki                                                                | ..... | " " " "                                     |       |
| " Magna Charta                                                                      | ..... | " " " "                                     |       |
| BULBOUS STOCK.                                                                      |       |                                             |       |
| Daffodils                                                                           | ..... | 50 to 1.50                                  |       |
| Hyacinths                                                                           | ..... | 10 to 1.50                                  |       |
| Lily of the valley                                                                  | ..... | 1.00, 1.50, 2.00                            |       |
| "                                                                                   | ..... | 2.00, 3.00, 3.50                            |       |
| Tulips                                                                              | ..... | 35 to 1.00                                  |       |
| STOCK SUITABLE FOR HAMPER WORK.                                                     |       |                                             |       |
| Cyperus alternifolius                                                               | ..... | 50                                          |       |
| Diffenbachia                                                                        | ..... | 35, 50                                      |       |
| Dracaena Godsefiana                                                                 | ..... | 15, 50                                      |       |
| Sanderiana                                                                          | ..... | 10, 15                                      |       |
| Ficus repens                                                                        | ..... | 12, 15                                      |       |
| Hibiscus Cooperi                                                                    | ..... | 15, 35, 50                                  |       |
| Isoplexis                                                                           | ..... | 10                                          |       |
| Maranta Kerchoveana                                                                 | ..... | 20, 35                                      |       |
| Leitzi                                                                              | ..... | 20, 35                                      |       |
| Panicum argenteum                                                                   | ..... | 8, 20                                       |       |
| Peperomia variegata                                                                 | ..... | 20, 35                                      |       |
| Reineckia                                                                           | ..... | 15 to 25                                    |       |
| Selaginella                                                                         | ..... | 12                                          |       |
| Tradescantia discolor                                                               | ..... | 12                                          |       |
| Lilies rather short.                                                                |       |                                             |       |
| Tree wistaria in large sizes, and Dorothy Perkins in basket form, exceedingly fine. |       |                                             |       |
| Growers report all stocks, particularly medium price sizes, selling well.           |       |                                             |       |
| A busy Easter expected and predicted.                                               |       |                                             |       |
| W. A. Rowlands, Utica, N. Y.                                                        |       |                                             |       |
| W. E. Marshall, New York.                                                           |       |                                             |       |
| H. D. Martin and wife, Clinton, Mass.                                               |       |                                             |       |
| Miss Annie N. May, Summit, N. J.                                                    |       |                                             |       |
| J. N. May, Summit, N. J.                                                            |       |                                             |       |
| Robt. T. McGorum, Natick, Mass.                                                     |       |                                             |       |
| Jas. McHutchison, New York.                                                         |       |                                             |       |
| A. S. Meikle, Newport, R. I.                                                        |       |                                             |       |
| C. D. Midgley, Worcester, Mass.                                                     |       |                                             |       |
| J. Miessem, Elmhurst, N. Y.                                                         |       |                                             |       |
| J. Miller, Tuxedo, N. Y.                                                            |       |                                             |       |
| Thos. Miller, St. Louis, Mo.                                                        |       |                                             |       |
| H. Mills, Bedford Park, Ont.                                                        |       |                                             |       |
| C. D. Millsap, Detroit, Mich.                                                       |       |                                             |       |
| E. L. Mullen, Philadelphia, Pa.                                                     |       |                                             |       |
| J. Muller, Rutherford, N. J.                                                        |       |                                             |       |
| Thos. Murray, Tuxedo, N. Y.                                                         |       |                                             |       |
| R. S. Myers and wife, Lancaster, N. Y.                                              |       |                                             |       |
| Geo. V. Nash, New York.                                                             |       |                                             |       |
| J. G. Neldinger, Philadelphia, Pa.                                                  |       |                                             |       |
| H. H. Nicholson, Barnetville, N. Y.                                                 |       |                                             |       |
| L. A. Noe, Madison, N. J.                                                           |       |                                             |       |
| Edw. Noonan, Lenox, Mass.                                                           |       |                                             |       |
| C. E. Norris, Bar Harbor, Me.                                                       |       |                                             |       |
| D. S. Norris, Bar Harbor, Maine.                                                    |       |                                             |       |
| O. A. C. Oehlmer, Washington, D. C.                                                 |       |                                             |       |
| Peter Olsen, Joliet, Ill.                                                           |       |                                             |       |
| Patrick O'Mara, New York.                                                           |       |                                             |       |
| Adam Patterson, Saugatuck, Conn.                                                    |       |                                             |       |
| C. E. Peck, Bridgeport, Conn.                                                       |       |                                             |       |
| S. S. Pennock, Philadelphia, Pa.                                                    |       |                                             |       |
| J. H. Pennock, New York.                                                            |       |                                             |       |
| A. Perieat, Darby, Pa.                                                              |       |                                             |       |
| A. N. Pierson, Cromwell, Conn.                                                      |       |                                             |       |
| Mrs. I. L. Pope, Millbrook, N. Y.                                                   |       |                                             |       |
| C. Pratley, London, England.                                                        |       |                                             |       |
| P. H. Preenen, Haarlem, Holland.                                                    |       |                                             |       |
| C. Erickett, London, England.                                                       |       |                                             |       |
| J. Pritchard, Auburn, R. I.                                                         |       |                                             |       |
| C. S. Randall, Portland, Maine.                                                     |       |                                             |       |
| S. S. Rapp, Millbrook, N. Y.                                                        |       |                                             |       |
| Wm. Rehder, Wilmington, N. C.                                                       |       |                                             |       |
| C. Henry Rehm, New Orleans, La.                                                     |       |                                             |       |
| E. A. Richards, Greendill, Mass.                                                    |       |                                             |       |
| Wm. Robertson, Jenkintown, Pa.                                                      |       |                                             |       |
| Julius Roehrs, Jr., Rutherford, N. J.                                               |       |                                             |       |
| J. Rollins, Holyoke, Mass.                                                          |       |                                             |       |
| J. E. H. Rorichard, Philadelphia, Pa.                                               |       |                                             |       |
| E. J. Rush, Hathboro, Pa.                                                           |       |                                             |       |
| A. H. Salter, Rochester, N. Y.                                                      |       |                                             |       |
| H. Schrade, Saratoga Springs, N. Y.                                                 |       |                                             |       |
| Anton Schultheis, College Point, N. Y.                                              |       |                                             |       |
| Geo. Schwabe, New York.                                                             |       |                                             |       |
| E. H. Schwartz, Sharon Hill, Pa.                                                    |       |                                             |       |
| W. Schwarz, Cromwell, Conn.                                                         |       |                                             |       |
| C. W. Scott and wife, New York.                                                     |       |                                             |       |
| Jas. T. Scott, Stamford, N. Y.                                                      |       |                                             |       |
| W. J. Sealey, Port Chester, N. Y.                                                   |       |                                             |       |
| Chas. L. Scribald, Baltimore, Md.                                                   |       |                                             |       |
| J. A. Shaw, New York.                                                               |       |                                             |       |
| J. Simpson, Burnley, England.                                                       |       |                                             |       |
| Robert Simpson, Clinton, N. Y.                                                      |       |                                             |       |
| A. S. Sinclair, Northampton, Mass.                                                  |       |                                             |       |
| G. H. Sinclair, Holyoke, Mass.                                                      |       |                                             |       |
| M. S. Sinclair, Holyoke, Mass.                                                      |       |                                             |       |
| Harry J. Smith, Hinsdale, Mass.                                                     |       |                                             |       |
| Jas. F. Smith, Philadelphia, Pa.                                                    |       |                                             |       |
| J. P. Smith, New York.                                                              |       |                                             |       |
| S. South, London, England.                                                          |       |                                             |       |
| G. C. Spencer, Utica, N. Y.                                                         |       |                                             |       |
| Thos. Standt, Rockville, Conn.                                                      |       |                                             |       |
| R. Stobo, Great Neck, N. Y.                                                         |       |                                             |       |
| G. W. Strange, Summit, N. J.                                                        |       |                                             |       |
| W. A. Stratton, Bar Harbor, Maine.                                                  |       |                                             |       |
| E. A. Stroud, Stratford, Pa.                                                        |       |                                             |       |
| S. C. Strout, Biddeford, Maine.                                                     |       |                                             |       |
| Alfred Swan, Philadelphia, Pa.                                                      |       |                                             |       |
| E. T. Taylor and wife, Greens Farms, Conn.                                          |       |                                             |       |
| Wm. Toot, New York.                                                                 |       |                                             |       |
| Chas. H. Totty and wife, Madison, N. J.                                             |       |                                             |       |
| Frank H. Treandly and wife, New York.                                               |       |                                             |       |
| Thos. Trevelyan, Tarrytown, N. Y.                                                   |       |                                             |       |
| L. W. C. Tutthill, New York.                                                        |       |                                             |       |
| G. Vandermere, Lisse, Holland.                                                      |       |                                             |       |
| John Van Leeuwen, Sassenheim, Holland.                                              |       |                                             |       |
| W. J. Vasey, Jr., Fort Wayne, Ind.                                                  |       |                                             |       |
| Simon Vlasveld, Hilgemo, Holland.                                                   |       |                                             |       |
| M. H. Walsh, Woods Hole, Mass.                                                      |       |                                             |       |
| Geo. C. Watson, Philadelphia, Pa.                                                   |       |                                             |       |
| P. B. Welsh, Glen Morris, Minn.                                                     |       |                                             |       |
| H. S. Will, Minneapolis, Minn.                                                      |       |                                             |       |
| M. Williams, Greenwich, Conn.                                                       |       |                                             |       |
| F. E. Witney, Fishkill, N. Y.                                                       |       |                                             |       |
| L. E. Wood, Fishkill, N. Y.                                                         |       |                                             |       |
| Albert Wynne, Stamford, Conn.                                                       |       |                                             |       |
| Arthur Zirkman, Philadelphia, Pa.                                                   |       |                                             |       |



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earliest possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO

THIS ISSUE 64 PAGES WITH COVER

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GLASS, Double A, was recently quoted at \$1.86.

NEW YORK, it is said, wants the next national flower show.

ENGLISH grown palms are said to excel the usual Belgian stock.

RENEW subscriptions promptly so that no copies of the papers may be missed.

WE are in receipt of the proceedings of the twenty-eighth annual convention of the Society of American Florists, held at Rochester, N. Y., August 16 to 19, 1910.

CAPE JASMINES.—We understand that on account of the unusual weather conditions the past winter, warm followed by a severe freezing temperature, about 60 per cent to 70 per cent of the buds were killed, making a considerable shortage in the supply. It is expected the shipping season will commence about May 1.

PROBABLY not more than 10,000 lily blooms will be imported from Bermuda this year, it is said at the New York office of the Bermuda Steamship Co. Last year during Easter week 500,000 were received.

DURING the recent Boston show most of the White Oxen were tied in their stalls, the Sucking Pig Club was in mourning, the Ananias Society was well represented, and the Prodigal Prophets were driven aboard the good sloop Mayflower and compelled to walk the plank in the historic harbor.

THE Department of Agriculture has issued an interesting bulletin on the "Determination of Nicotin in Nicotin Solutions and Tobacco Extracts." Every greenhouse man should get a copy, which may be had on application to the Secretary of Agriculture, Washington, D. C., requesting Bulletin No. 133, of the Bureau of Animal Industry.

THE preliminary premium list of the Cincinnati Florists' Society for the exhibition to be held November 13-16, 1911, has been published and received. More than \$3,000 is offered in premiums for chrysanthemums, carnations, roses and other plants and flowers and table decorations. Copies may be had by addressing George S. Bartlett, 131 East Third Street, Cincinnati, O.

## National Council of Horticulture.

WE have received the second installment of the articles sent out by the press service of the National Council of Horticulture, which includes "Do Not Plant Too Early," "Spring Prunings," "Spring Work on Lawns" and "How to Sow Seeds." These articles are distributed free by James H. Burdett, 1620 West One Hundred and Fourth place, Chicago, and seedsmen should advise their local editors to procure them as they are timely and stip up a desire for gardening in the localities in which they are published.

## Ladies' Society of American Florists.

THE Ladies' Society of American Florists were entertained right royally, and thanks are returnable to the ladies of the Boston committee and Gardeners' and Florists' Club for the good times. Especially did all enjoy the hearty welcome extended by Mrs. W. H. Elliott at her new home in Brighton, Mass., on March 31. And last, but not least, do we mention that the silverware given by the Ladies' Society of American Florists for best table decorations was awarded to Hoffman, the florist of Boston.

MRS. CHAS. H. MAYNARD, Sec'y.

## Our Supplements.

SUBSCRIBERS should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

THE papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

## Tulip Bulbs Not Starting.

WE are informed by Thos. E. Davis, superintendent of Government grounds, Ottawa, Ont., that the cause of tulips not starting in the spring is owing to the presence of millipedes, a pest that has troubled them very much. He advises that any tulip bulbs not showing growth should be examined for these troublesome creatures. He also states that they trouble some varieties more than others.

## To Prevent Poisoning From Thorns.

FLORISTS are continually getting thorns in their hands and fingers, and to prevent poisoning the following remedy is advised: Take a new needle, burn it with a match and wipe it clean, and then dig the thorns out. The hand, or the injured part of it, should be placed in a pan of vinegar on the stove, and allowed to remain until it becomes as hot as can be borne. The doctor says that in 900 out of 1,000 cases all danger of poisoning will be avoided. E. E. FISHER, Kennicott Bros. Co.

## A Word of Thanks From British Visitors.

THE British horticultural traders who have been visiting this country, sailed for home on the Mauretania, April 5. On the day previous, Arthur T. Boddington tendered them a luncheon at the Hotel Gee, where a three hour feast with much speechmaking was enjoyed, and then they bid farewell. J. S. Brunton and others of the party declared this one of the best entertainments which had been tendered them and gave special thanks to Mr. Boddington for his thoughtfulness and to Harry A. Bynard for perfecting the arrangements. A group photograph was taken, and before leaving the city Mr. Brunton gave out the following for publication:

Gentlemen: Permit us to express through your columns a word of thanks to the florists of the United States. We arrived on the Lusitania March 17, we depart tomorrow on the Mauretania. Our tour of the United States, embracing New York, Philadelphia, Baltimore, Washington, Richmond, Ind., Chicago, Niagara Falls and Boston, has been one grand triumphal procession. All along the line florists and florists' clubs have entertained us with genial and generous hospitality, affording us the maximum of pleasure and instruction, with the minimum of trouble and expense.

WE came to the United States with the desire to obtain "amusement and instruction hand in hand." American florists have provided both on a scale the magnitude of which is impossible to describe. We recognize that horticulture in America is a great commercial proposition, run by men of great brain power, and big hearts full to the brim with the milk of human kindness. Before we leave we wish to say, "Thank you, thank you, thank you" to one and all. This is only a feeble worded expression, but it comes from the depths of our hearts, and within each of us recollections of American florists and their hospitality will always find a place. Come over and see us at our International Horticultural Exhibition in London in May, 1912.

THE document was signed by J. S. Brunton, J. Brown, E. Barker, W. A. Cull, C. Englemann, L. M. Graves, J. S. Gunn, C. Prately, J. Prickett, S. South, J. Simpson.

RICHMOND, CALIF.—A large exhibit of flowers is part of the plan of the spring carnival to be held April 17-23.

## Meetings Next Week.

Baltimore, Md., April 10, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.  
 Butte, Mont., April 14.—Montana Florists' Club, Columbia Gardens.  
 Chicago, April 12.—Gardeners' and Florists' Union, 10615, 19 at 12 Clark street.  
 Cincinnati, O., April 10, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market.  
 Cleveland, O., April 10, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2010 Detroit avenue.  
 Hartford, Conn., April 14, 8 p. m.—Connecticut Horticultural Society, Courte building.  
 La Crosse, Wis., April 11.—La Crosse Gardeners' and Florists' Society, Hotel Stoddard.  
 Lake Geneva, Wis., April 15, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.  
 Madison, N. J., April 12, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic hall.  
 New York, April 10, 7:30 p. m.—New York Florists' Club, Grand Opera House building.  
 New York, April 12, 4:00 p. m.—Horticultural Society of New York, American Museum of Natural History.  
 Norwich, Conn., April 10.—New London County Horticultural Society, Buckingham Memorial.  
 Omaha, Neb., April 13, 8 p. m.—Omaha Florists' Club, City Hall.  
 Rochester, N. Y., April 10, 8 p. m.—Rochester Florists' Association, 97 Main street, east.  
 Springfield, O., April 10.—Springfield Florists' Club, office of the Grod & Ryse Co.  
 St. Louis, Mo., April 13, 2 p. m.—St. Louis Florists' Club, Odd Fellows' building, Ninth and Olive streets.  
 Toledo, O., April 12.—Toledo Florists' Club.

## Wants, For Sale, Etc

**One Cent Per Word, Cash with Adv.**  
**For Plant Advs., See Ready Reference Section.**  
 Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted—Gardener,** 12 years experience; Polish; married. Address Key 420, care American Florist.

**Situation Wanted—As salesman and maker up** in retail florist store in Chicago. State wages when writing. Address Key 422, care American Florist.

**Situation Wanted—As working foreman in up-to-date retail place.** Life experience; exceptional references; married. Address J. H. 334 S. Patrick, Alexandria, Va.

**Situation Wanted—Young lady with a little** experience wishes to secure a position in a retail florist store in Chicago. Salary must be at least \$7.00 or \$8.00 to start. Address 420 care American Florist.

**Situation Wanted—By gardener on private** place; Chicago preferred; 18 years experience; references in Germany, Switzerland and United States. Address Key 417, care American Florist.

**Situation Wanted—As head gardener on good** private place, or manager or foreman on good commercial place; thoroughly competent in all branches; married; best references; life experience. Address Box 236 Winnetka, Ill.

**Situation Wanted—By florist having experience** in growing roses, mums, carnations; and also has knowledge in growing pot plants; wishes steady position; first class references. Address Key 424, care American Florist.

**Situation Wanted—Practical gardener on private** place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First class references. Ready April 1; single; age 35. Address Key 392, care American Florist.

**Situation Wanted—As head gardener or fore-** man in large commercial establishment; has a thorough knowledge of all branches of horticulture; a specialty in orchid culture. Address C. H. M., 13 East Broadway, Port Chester N. Y.

**Help Wanted—At once, a good experienced** store man. Call on or address J. W. NISSEN, 301 East 47th Street, Chicago.

**Help Wanted—First class grower of roses, car-** nations, mums and a general stock. Please state wages per week with board and room. Address C. HUMPHREY, Clay Center, Kan.

**Help Wanted—Young man, experienced at** potting and bedding out; must be sober, active and industrious; wages \$12 per week; references required. Address J. C. RENNINGSON CO., Sioux City, Iowa.

**Help Wanted—Man to work in and around** greenhouses under a foreman; state wages and references; steady job right man. EDWARD TATRO, 407 E. Iron Ave., Salina, Kansas.

**Help Wanted—A practical working foreman** to take charge of 30,000 feet of glass in the vicinity of Boston, for the growing of general stock other than roses; a good position for the right man; must have good references of past experience in such place. Address Key 431, care American Florist.

**For Sale—The best opportunity on earth for a** florist with small means. Particulars. Address Key 428, care American Florist.

**For Sale—At a bargain if taken at once, 5000 ft.** of glass; no competition; can sell as much again as you can grow at greenhouses. DWIGHT GREENHOUSES, Dwight, Ill.

**For Sale—Florist Store on west side for sale** cheap if taken at once. Have two stores and must sell one. For further particulars phone Lincoln 1065 or address Florist 1611 Wells St., Chicago.

**For Sale—Two excellent greenhouses, nearly** new each 23x15 ft.; room for three more houses; right in a city of 75,000 population, central New York; price low. Address Key 415, care American Florist.

**For Sale Cheap—Failing health; 9/4 acres with** 2 veer houses (2x10); 75 ash, house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile, 2000 population, N. N. Ave., Second Avenue, Appleton, Wis.

**For Sale—Owing to death of owner, a first** class florist plant doing large business located right in business district of this city, large property, 11,000 feet under glass. Price \$10,000; terms. Farmers Loan and Investment Co., St. Cloud, Minn.

**For Sale—Three greenhouses 500 feet glass,** good eight room house, 2 barns in smart town, 5000 population, no other within 26 miles; stock tools, horse and wagons all go. Price \$6,500 part cash. Set d for book farm bargains. D. B. CORNELL CO., Great Barrington, Mass.

**For Sale—Up-to-date retail flower store es-** tablished nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. P. KNOX 223 Bergenline Ave., Union Hill N. J.

**For Sale or Rent—An old established retail** florist store in Chicago, located on Wrihtwood, near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOG, 911 Wrightwood Ave., Chicago, Ill.

**Open for Bargains or Territory—Vacuum** water heating system. Best and quickest system in existence. Heats large house with two radiators (\$400 set, ft. radiation) in thirty minutes— from cold water. Fifty per cent less piping supplies the radiation. A. T. HOYT, Warren, O.

## WANTED.

At once, a first-class grower of 'mums, bulbs, potted plants, etc. Married man preferred. State wages wanted.

## RED ROCK ROSERY

37 Main Street, BRADFORD, PA.

## Private Place==Gardener.

Is open to engagement; has a thorough knowledge of all branches, including landscape work, flower and fruit growing, lawn and park work, greenhouse management, etc.; best references, Key 426, care American Florist.

## Store Man Wanted

Experienced in making up and waiting on trade. Married man preferred. Good permanent position to the right party. Send references and state salary expected in first letter. Address

J. F. WILCOX & SONS, Council Bluffs, Iowa.

## NURSERYMAN

Thoroughly experienced in landscape work and in the propagation and culture of nursery stock, including trees, shrubs and hardy herbaceous perennials. desires permanent position with western nursery concern specializing in these lines. For further particulars address

Key 427, care American Florist.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## Florist and Maker-up Wanted.

A young man of executive ability to take charge of a high class florist shop in New York city. Must be thoroughly experienced, a first-class salesman, and a man of general business ability. A good opportunity for the right person. Wages \$20 per week to start until he can prove his worth. Best of references required. Address

Key 429, care American Florist.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE—

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

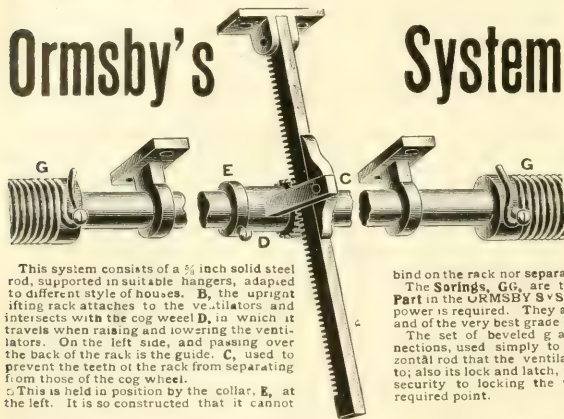
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1889

Ormsby's

System



This system consists of a  $\frac{3}{4}$  inch solid steel rod, supported in suitable hangers, adapted to different style of houses. **B**, the upright lifting rack attaches to the ventilators and intersects with the cog wheel **D**, in which it travels when raising and lowering the ventilators. On the left side, and passing over the back of the rack is the guide **C**, used to prevent the teeth of the rack from separating from those of the cog wheel.

**C** This is held in position by the collar **E**, at the left. It is so constructed that it cannot

bind on the rack nor separate from its position

The Springs, **G**, are the **All Important Part** in the ORMSBY SYSTEM where lifting power is required. They are made in pairs and of the very best grade of Steel.

The set of beveled gears, and its connections, used simply to operate the horizontal rod that the ventilators are attached to; also its lock and latch, used as additional security to locking the ventilators at any required point.

1911

While one (1) lifting rack is sometimes used in operating the sash, it is much better to use two (2), as the work is preformed in a more rigid and direct manner, thus causing no side motion, wobbling, or wrenching of the sash and prevents them from warping as with one lifting rack.

Speed in action, neatness and simplicity in make-up, strength and durability in its work form the principal features in its favor.



Mr. E. A. Ormsby,

Arlington, Mass., March 7th, 1911.

Melrose, Mass.

Dear Sir:-

We are building two green houses which require a ventilating apparatus for one hundred and fifteen sash.

Having had the ORMSBY VENTILATING APPARATUS in several of our green houses for over fifteen years, during which time we have not had to pay out one dollar on repairs, but they have given us such satisfaction, that, considering them with other methods which we have had in use, we have decided to accept your proposal of March 4th, 1911, for installing the "ORMSBY" device in the above named green houses.

Respectfully yours

ORMSBY VENTILATING APPARATUS  
MANUFACTURED BY E. A. ORMSBY, MELROSE, MASS.

For Names Use The  
**Trade Directory**  
For Florists, Nurserymen and Seedsmen  
—of the United States and Canada—

Price \$3.00

AMERICAN FLORIST CO.,

440 South Dearborn St., Chicago.

# SIEBRECHT & SIEBRECHT,

## WHOLESALE FLORISTS

136 West 28th Street

NEW YORK CITY

TELEPHONE 8346 MADISON SQUARE.

The Best Valley, Orchids, Violets and  
Gardenias to be found in the  
New York Market.

Also Large Quantities of Spring Flowers.  
Shipping Orders Receive Prompt Attention.

High-class Merchandise Requires

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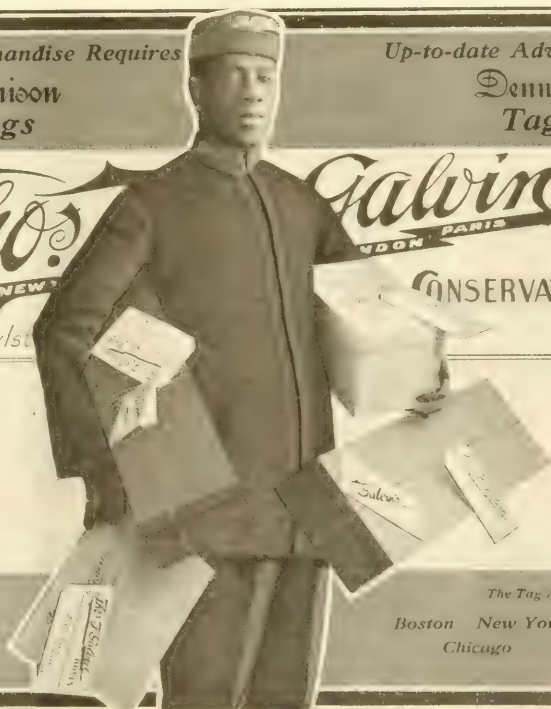
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Mfg. Co.

The Tag Makers

Boston New York Philadelphia  
Chicago St. Louis





# BEAUTIES FOR EASTER

## FINE CROP

### Roses, Lilies, Fancy Carnations

Now Coming in

We grow all the flowers we sell and guarantee them to be absolutely fresh.

## BUY DIRECT OF THE GROWER

### EASTER PRICE LIST

| AMERICAN BEAUTIES |       | Per doz.       |
|-------------------|-------|----------------|
| Extra long        | ..... | \$6 00         |
| 24-30-in          | ..... | \$4 00 to 5 00 |
| 20 in             | ..... | 2 00 to 3 00   |
| 15-in             | ..... | 1 50           |
| 12-in             | ..... | 1 00           |

| Rhea Reid         |       | Per 100         |
|-------------------|-------|-----------------|
| Extra long select | ..... | \$15 00         |
| Good length       | ..... | 12 00           |
| Medium length     | ..... | \$8 00 to 10 00 |
| Short             | ..... | 6 00            |

| CARNATIONS                     |       |                  |
|--------------------------------|-------|------------------|
| Extra long fancy O. P. BASSETT | ..... | \$5 00           |
| Fancy white                    | ..... | \$4 00 to 5 00   |
| Fancy pink                     | ..... | 4 00 to 5 00     |
| LILY OF THE VALLEY             | ..... | \$3 00 to \$4 00 |
| FANCY DOUBLE TULIPS            | ..... | 4 00             |
| FANCY SINGLE TULIPS            | ..... | 3 00             |
| JONQUILS (Golden Spur)         | ..... | 3 00             |
| SWEET PEAS                     | ..... | 1 00             |

| Pink Killarney and Richmond |       | Per 100            |
|-----------------------------|-------|--------------------|
| Extra long select           | ..... | \$10 00 to \$12 00 |
| Good length                 | ..... | 8 00               |
| Medium length               | ..... | 6 00               |
| Short                       | ..... | 4 00 to 5 00       |

| White Killarney, Brides, Maids, Perel. |       |                |
|----------------------------------------|-------|----------------|
| Extra long select                      | ..... | \$10 00        |
| Good length                            | ..... | \$7 00 to 8 00 |
| Medium length                          | ..... | 6 00           |
| Short                                  | ..... | 4 00           |

| Extra Fine Easter Lilies |       |                    |
|--------------------------|-------|--------------------|
| Per dozen                | ..... | \$ 1 50 to \$ 2 00 |
| Per 100                  | ..... | 12 00 to 15 00     |

|                         |       |                           |
|-------------------------|-------|---------------------------|
| ASPARAGUS SPRAYS        | ..... | per 100, \$3 00 to \$4 00 |
| STRINGS                 | ..... | each, 50                  |
| SMILAX STRINGS          | ..... | per doz., 1 50 to 2 00    |
| ADIANUM                 | ..... | per 100, 1 00 to 1 25     |
| GALAX, Green and Bronze | ..... | per 1000, 1 25            |
| FERNS                   | ..... | per 1000, 3 00            |

# BASSETT & WASHBURN,


Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### A CARNATION FLURRY.

True to the old saying, March, having made its entry as mild as a lamb, went out like a lion, for the week was cold, windy and blustering, and April opened with a genuine blizzard with high winds and snow, and quite cold for so late in the season. What looked two weeks ago like an early spring may yet prove to be a late one. The result of this change of temperature and adverse weather conditions is a general shortening up of all the crops, and while in the early part of the week there was more stock than could be handled, at the end everything was well cleaned up. The sensation of the week was the carnation boom on Friday and Saturday. Some of the wholesalers had large orders to fill at the low prices which were prevailing, and began to buy up all the available supply, with the consequent result that prices advanced rapidly, and by Saturday the blooms were bringing three and four times as much as was asked on Thursday, and one of the dealers stated, that anybody who had a stock of good white carnations on Saturday afternoon could have got almost any price he asked for them. It was reported that two wholesale houses handled seventy-five thousand carnations on Saturday. The stock of roses is still of fine quality, and although the receipts are not quite as heavy as they have been, yet there are plenty to meet all demands. Bulbous stock is approaching the end and but few Paper White narcissus and Roman hyacinths are now seen in the market. Of other bulbous flowers there is still a plenty. Lilies and callas are in bountiful supply, and sweet peas are being received in very large quantities. The general tone of the market is sluggish, trade with the retailers be-

## CURRENT PRICES

 We cannot supply Beauties for Easter as we are off crop.

| Killarney  |       | Per 100      |
|------------|-------|--------------|
| Select     | ..... | 10 00        |
| Medium     | ..... | 6 00 to 8 00 |
| Good Short | ..... | 4 00         |

| Richmond   |       |              |
|------------|-------|--------------|
| Select     | ..... | 10 00        |
| Medium     | ..... | 6 00 to 8 00 |
| Good Short | ..... | 4 00         |

| My Maryland |       |              |
|-------------|-------|--------------|
| Select      | ..... | 10 00        |
| Medium      | ..... | 6 00 to 8 00 |
| Good Short  | ..... | 4 00         |

| White Killarney |       |              |
|-----------------|-------|--------------|
| Select          | ..... | 10 00        |
| Medium          | ..... | 6 00 to 8 00 |
| Good Short      | ..... | 4 00         |

| Perle  |       |      |
|--------|-------|------|
| Long   | ..... | 6 00 |
| Medium | ..... | 4 00 |

Our Extra Special grade Roses charged accordingly.

| Carnations |       | Per 100 |
|------------|-------|---------|
| Fancy      | ..... | \$3 00  |
| Common     | ..... | 2 00    |

Orchids, Cattleyas, per doz., \$4 00 to \$6 00

Harrisii and Callas, per doz., 1 50 \$10 00

Jonquils ..... 3 00

Daffodils ..... 3 00

Tulips ..... \$3 00 to 4 00

Valley ..... 3 00 to 4 00

Viola, double ..... 60 to 75

" single, Princess of Wales ..... 1 00

Mignonette, large spikes ..... 4 00

Sweet Peas ..... 75 to 1 00

Spanish Iris ..... 8 00

Adiantum Croweanum ..... 1 00 to 1 50

Smilax, per dozen, \$1 50 to \$2 00

Sprengeri, Plumosa Sprays ... 3 00 to 4 00

Plumosa Strings ..... each, 10 60

Ferns ..... per 1000, 3 50

Galax ..... per 1000, 1 00

Leucothoe ..... 75

Boxwood ..... per bunch, 35

per case of 50 lbs., 7 50

Poehlmann Bros. Co., Long Distance Phone Randolph 38 32-34-36 E. Randolph St., Chicago

ing reported as light, and the storemen are busy getting ready for Easter. The demand for Easter plants has been good and the local growers are nearly all sold out already. A visit to the greenhouses finds large shipments being made and quantities of the differ-

ent blooming plants blocked together and marked sold or with the purchaser's name. Lilies are in fine shape and there is good stock, and there does not seem to be any question but that all the plants will find ready sale. Crimson Rambler and the other

# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35.

CHICAGO, ILL.

## EASTER LILIES

**They Will Be in Full Bloom for Easter.**

80,000 to 100,000 clean, healthy plants with luxuriant foliage are ready for Easter booking now, at the following prices; all shipments made direct from our greenhouse, if desired.


**Pot Lilies** Carefully crated and wrapped to keep clean and protected; shipped in paper pots if so ordered. No extra charge for packing.  
Extra select plants, per bloom.....\$15.00 per 100  
Choice plants, per bloom.....12.00 per 100  
Short plants, per bloom.....10.00 per 100

**Cut Easter Lilies** Large, magnificent blooms in quantity to meet all demands. Send along your order; will fill it to your satisfaction.  
Extra select, long,.....per 1000, \$125.00; per 100, \$15.00  
Choice.....per 1000, 100.00; per 100, 12.00  
Short,.....per 1000, 80.00; per 100, 10.00

**Plenty of all Other Seasonable Stock.**

**Orchids, Valley, Sweet Peas, Easter Lilies, Spring Flowers, Short and Medium Roses** enough to fill all orders.

**OUR EASTER PRICES, in Effect April 10th, Subject to Change Without Notice.**

 We cannot supply  
Beauties for Easter  
as we are off crop.

|                          | Per 100.       |
|--------------------------|----------------|
| KILLARNEY, special       | 12.00          |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| RICHMOND, special        | \$12.00        |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| MY MARYLAND, special     | 12.00          |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| WHITE KILLARNEY, special | 12.00          |
| Select                   | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| PERLE, long              | 6.00           |
| Medium                   | 4.00           |

Our Extra special grade Roses charged accordingly.

|                                            | Per 100.               |
|--------------------------------------------|------------------------|
| CARNATIONS, fancy                          | 5.00                   |
| " firsts                                   | 4.00                   |
| " common                                   | 3.00                   |
| ORCHIDS, Cattleyas, per doz                | \$4.00 to 6.00         |
| CALLAS, per doz., \$2.00                   | 12.00 to 15.00         |
| JONQUILS                                   | 3.00                   |
| DAFFODILS                                  | 3.00                   |
| TULIPS                                     | \$3.00 to 4.00         |
| SPANISH IRIS                               | 8.00                   |
| VALLEY                                     | 3.00 to 4.00           |
| VIOLETS, double                            | .75                    |
| VIOLETS, Single, Princess of Wales         | 1.00                   |
| MIGNONETTE, large spikes                   | 4.00                   |
| SWEET PEAS                                 | \$0.75 to 1.00         |
| ADIANTUM CROWEANUM                         | \$1.00 to 1.50         |
| SMILAX                                     | per doz., 1.50 to 2.00 |
| SPRENGERI, PLUMOSUS SPRAYS                 | 3.00 to 4.00           |
| PLUMOSUS STRING                            | each .60               |
| FERNS                                      | per 1000 3.50          |
| GALAX                                      | per 1000 1.25          |
| LEUCOTHOE                                  | per 100 .75            |
| BOXWOOD, per bunch, 35; per case of 50 lbs | 7.50                   |

**POEHLMANN'S FANCY VALLEY**  
**EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other.



# Easter Lilies Cut or in Pots

Short, \$10.00; Medium, \$12.50; Long, \$15.00 per 100.

**Finest Stock LAST CALL None Better.**

**Hurry Along Your Orders.**

## EASTER PRICE LIST

| American Beauties—           | Per Doz.            | Per 100 |
|------------------------------|---------------------|---------|
| 30 to 36 in.....             | \$5.00 to \$6.00    |         |
| 24 to 30 in.....             | 4.00                |         |
| 18 to 24 in.....             | 2.00 to 3.00        |         |
| 12 to 15 in.....             | 1.50 to 2.00        |         |
| 8 to 12 in.....              | 1.00                |         |
| Brides.....                  | \$4.00 to \$10.00   |         |
| Maid's.....                  | 4.00 to 10.00       |         |
| Richmonds.....               | 4.00 to 12.00       |         |
| Killarney (White, Pink)..... | 4.00 to 12.00       |         |
| My Maryland.....             | 4.00 to 12.00       |         |
| Perles.....                  | 4.00 to 7.00        |         |
| Roses, our selection.....    | 5.00                |         |
| Carnations, medium.....      | 3.00                |         |
| fancy.....                   | 4.00 to 5.00        |         |
| Harrisii Lilies.....         | 12.50 to 15.00      |         |
| Calla Lilies.....            | 12.50 to 15.00      |         |
| Valley.....                  | \$3.00 to 4.00      |         |
| Mignonette.....              | 4.00                |         |
| Sweet Peas.....              | .75                 |         |
| Jonquils-Daffodils.....      | 3.00                |         |
| Violets (Locals).....        | .75 to 1.00         |         |
| Adiantum.....                | 1.00 to 1.50        |         |
| Asparagus Strings.....       | each, .50 to .60    |         |
| Sprenger, bunch.....         | each, .35 to .50    |         |
| Smilax.....                  | dozen, 1.50 to 2.00 |         |
| Galax.....                   | 1000,               |         |
| Ferns.....                   | 1.25                |         |
| Leucothoe, per 100.....      | .75                 |         |
| Boxwood, per bunch.....      | .35                 |         |

# E. H. HUNT

**131 N. Wabash Ave.,**

Phone Randolph 4336 and 4337.

**CHICAGO**

climbing roses are looking finely. Some very nice hydrangeas are to be found with fine large heads and of good color. The promise for an excellent Easter trade is good, and it now looks as if the stock would be of fine quality.

### NOTES.

Poehlmann Bros. Co. is shipping out a large number of lilies in pots, all shipments being made direct from the greenhouses. A large supply of splendid stock of all kinds can be seen at the store this week, the only shortage being in American Beauty roses. This week's features are Spanish iris and lily of the valley of good quality.

E. E. Peiser, of Kennicott Bros Co., says that never before in his many years of experience in this market has he known ferns to sell for \$3.50 per 1,000 on April 1. Another thing that he has never experienced is the price of flowers increasing one hundred per cent in 24 hours as was the case on March 31.

The Geo. Wittbold Co., 737 Buckingham place, is busy shipping out the orders received for spires, rambler roses, lilies and other choice Easter stock. Henry Wittbold and his force of assistants are now busily engaged with landscape and decorative work.

Joseph Ziska is suffering from a severe attack of rheumatism. He is, however, seen at the store busy as usual. He will, owing to ill health, dispose of his greenhouses at Libertyville if a suitable buyer can be found. Manager Fryer of the Chicago Carnation Co., says that the carnation exhibit at the National Flower Show at Boston was fine and proved very interesting to the large crowd that attended.

The J. B. Deamud Co. is supplying their customers with a good grade of all the different flowers of the season.

# CUT FLOWERS

## EASTER PRICE LIST

| ROSES                                   |                            | CARNATIONS                                       |                 |
|-----------------------------------------|----------------------------|--------------------------------------------------|-----------------|
| American Beauty.....                    | per doz., \$1.50 to \$6.00 | Common.....                                      | Per 100 \$3.00  |
| White Killarney.....                    | 5.00 to 12.00              | Select, large and Fancy.....                     | 4.00            |
| Killarney.....                          | 5.00 to 12.00              | Special.....                                     | 5.00            |
| My Maryland.....                        | 5.00 to 12.00              | Spits.....                                       | 2.00            |
| Richmond.....                           | 5.00 to 12.00              |                                                  |                 |
| Extra special roses billed accordingly. |                            |                                                  |                 |
| MISCELLANEOUS                           |                            | DECORATIVE                                       |                 |
| Violets, double.....                    | \$0.75 to \$1.00           | Asparagus Plumosus, per string, \$0.50 to \$0.75 |                 |
| single.....                             | 50 to 75                   | per bunch, .35 to .50                            |                 |
| Sweet Peas, fancy.....                  | 1.25                       | Asparagus Sprenger, per bunch, .25 to .50        |                 |
| medium.....                             | 75 to 1.00                 |                                                  | Per 100         |
| Easter Lilies.....                      | 12.50 to 15.00             | Adiantum, fancy, long.....                       | \$1.00          |
| Callas.....                             | 12.50 to 15.00             | Farleyense.....                                  | \$8.00 to 10.00 |
| Valley, select.....                     | 3.00                       | Smilax.....                                      | per doz, \$1.50 |
| special.....                            | 4.00                       | Mexican Ivy.....                                 | per 1000, 6.00  |
| Daisies, white and yellow.....          | 1.00 to 2.00               | Ferns.....                                       | 3.50            |
| Jonquils.....                           | 3.00                       | Galax.....                                       | 1.00            |
| Daffodils.....                          | 3.00                       | Leucothoe Sprays.....                            | .75             |
| Paper Whites.....                       | 3.00 to 4.00               |                                                  |                 |
| Tulips.....                             | 3.00 to 4.00               |                                                  |                 |
| Orchids, Cattleyas.....                 | per doz., \$7.50           |                                                  |                 |
| Gardenias.....                          | 4.00                       |                                                  |                 |

Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

# Chicago Carnation Co.

A. T. PYFER - Manager.  
Phone Central 3373.

**30 E. Randolph St., CHICAGO**

Wm. E. Lynch, of E. H. Hunt's cut flower department, called on the firm's growers this week. He found the lilies and other stock in good condition, which will guarantee them a good supply for Easter.

Wietor Bros. are cutting a large quantity of carnations with Mrs. Law-

son showing up exceptionally well. The Mrs. Jardine and other roses that were seen at the store this week are of good quality.

Weiland & Risch will erect some new greenhouses this season, but just how large the addition will be has not been decided.

# EASTER PRICES

We have never been so well prepared for what we believe will be the **Busiest Easter on Record**. The whole of our vast greenhouse plant is in splendid condition and crops will be at their best for Easter.

## ROSES.

**Not a few but all the best varieties.** The crops are large, the quality absolutely perfect. There are no better flowers coming to this or any other market.

## AM. BEAUTIES.

Our Beauty crop is at its height and we shall have large supplies in all grades for **Easter**.

## CARNATIONS.

Our immense carnation range is producing magnificent stock in abundance. The flowers were never so good or plentiful and we can truthfully say there are **no carnations in the world to beat ours**.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

| AMERICAN BEAUTIES     |                                                         | Per doz.    |                           |                                                         |
|-----------------------|---------------------------------------------------------|-------------|---------------------------|---------------------------------------------------------|
| Extra long stems..... |                                                         | \$6 00      | Ivory.....                | { Select... \$8 00 to \$10 00<br>Medium... 5 00 to 6 00 |
| 36 inch stems.....    |                                                         | 5 00        | Sunrise.....              |                                                         |
| 30 inch stems.....    |                                                         | 4 00        | Perle.....                |                                                         |
| 24 inch stems.....    |                                                         | 3 00        | Roses, our selection..... | 4 00                                                    |
| 20 inch stems.....    |                                                         | 2 50        | Carnations.....           | 3 00 to 4 00                                            |
| 15 inch stems.....    |                                                         | 2 00        | Fancy.....                | 5 00                                                    |
| 12 inch stems.....    |                                                         | 1 50        | Harrisli.....             | 12 50 to 15 00                                          |
| Short stems.....      |                                                         | 75c to 1 00 | Valley.....               | 3 00 to 4 00                                            |
|                       |                                                         | Per 100     | Violets.....              | 75 to 1 00                                              |
| Richmond.....         | { Select... \$8 00 to \$10 00<br>Medium... 5 00 to 6 00 |             | Sweet peas.....           | 75 to 1 00                                              |
| Killarney.....        |                                                         |             | Tulips.....               | 4 00 to 5 00                                            |
| White Killarney.....  |                                                         |             | Jonquills.....            | 4 00                                                    |
| My Maryland.....      |                                                         |             | Daffodils.....            | 3 00 to 4 00                                            |
| Mrs. Field.....       | { Select... 8 00 to 10 00<br>Medium... 5 00 to 6 00     |             | Adiantum.....             | 1 00                                                    |
| Uncle John.....       |                                                         |             | Asparagus, per bunch..... | 50                                                      |
| Bride.....            |                                                         |             | Ferns, per 1000.....      | 3 50 to 4 00                                            |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

New No. 30 E. Randolph St., CHICAGO.

Old No. 35 Randolph St.





**U S Budlong's**  
**E Blue Ribbon Valley.**

**Heavy  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**ROSES** Of extra good quality which we offer  
at reasonable prices.

AMERICAN BEAUTY, PINK KILLARNEY, WHITE KILLARNEY,  
RICHMOND, MY MARYLAND, MRS. MARSHALL FIELD  
BRIDE, BRIDESMAID, JARDINE.

**CARNATIONS of A-1 QUALITY**

White, Red, Light Pink and Pink

Fancy Sweet Peas, Mignonette, Violets, Tulips, Daffodils, Jonquils, Narcissus,  
Romans, Daisies, Smilax, Asparagus and Greens of all kinds. Also a good supply of  
our famous **BLUE RIBBON VALLEY**—once used, always used. Order some and  
be convinced. **QUALITY SPEAKS LOUDER THAN PRICE.**

**Easter Orders Now Being Booked**



We are now located in our New Store

**82-84-86 East Randolph Street**

Buy Direct  
From the  
Grower.

**J. A. BUDLONG**

37-39 Randolph Street, CHICAGO.

Roses and  
Carnations  
A Specialty.....

WHOLESALE  
GROWER of

**CUT FLOWERS**

L. D.  
Phone  
Central  
3120

H. E. Philpott, on his return from Boston, says that the National Flower Show held in that city last week was the best that he ever had the pleasure of attending, and he wouldn't have missed it for anything. Mr. Philpott informs us that he has sold his large residence in Winnipeg and will purchase another in the near future. He will return home the latter part of this week.

John Michelsen, with the E. C. Amling Co., says that business has increased wonderfully the past week, the demand for stock being much better than for some time past. Mr. Amling is expected home this week from Orange, Cal.

In the large consignment of narcissus that Chas. W. McKellar is receiving, the following varieties, Princess, Empress and Emperor were noted.

Fred Liebermann, the enterprising florist at 1611 Wells street, reports business good, with a large amount of funeral work this season.

J. H. Schwenk, of the Poehlmann Bros. Co.'s shipping department, left

**"The Busiest House in Chicago"**

Everything you want in cut flowers.

**J. B. DEAMUD CO.**

Long Distance Phone  
Central 3155

**160 N. Wabash Ave., CHICAGO**

April 3 for Milwaukee, Wis., to visit friends and relatives.

Miss M. C. Guntenberg, of the Flower Growers' Market, is receiving a good supply of violets and American Beauty roses.

Kyle & Foerster are filling a large number of orders for a fancy grade of sweet peas, roses and carnations.

J. A. Jensen will, in the near future, open a store at Fifty-third and Chicago avenues.



# Full Crop for Easter

The whole of our greenhouse plant is devoted to the growth of **Cut Flowers** and we are well supplied with a choice grade of stock to fill your wants for now and for **Easter**. We will appreciate a trial order from you and will fill it to your satisfaction.

## ....EASTER PRICE LIST....

Subject to change without notice

### BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$6 00   |
| 36-inch stem..... | 5 00     |
| 30-inch stem..... | 4 00     |
| 24-inch stem..... | 2 00     |
| 20-inch stem..... | 2 00     |
| 16-inch stem..... | 1 50     |
| 12-inch stem..... | 1 25     |
| Short stem.....   | 1 00     |

|                                         | Per 100            |
|-----------------------------------------|--------------------|
| Killarney, select.....                  | \$ 8 00 to \$10 00 |
| "    medium.....                        | 4 00 to 6 00       |
| Jardine (finest pink rose), select..... | 10 00 to 12 00     |
| "    medium.....                        | 4 00 to 8 00       |
| Bride, select.....                      | 8 00 to 10 00      |
| "    medium.....                        | 4 00 to 6 00       |
| Maid, select.....                       | 8 00 to 10 00      |
| "    medium.....                        | 4 00 to 6 00       |

|                            | Per 100            |
|----------------------------|--------------------|
| Uncle John, select.....    | \$ 8 00 to \$10 00 |
| "    medium.....           | 4 00 to 6 00       |
| Richmond, select.....      | 8 00 to 10 00      |
| "    medium.....           | 4 00 to 6 00       |
| Carnations, fancy.....     | 5 00               |
| "    good.....             | 4 00               |
| "    splits.....           | 3 00               |
| Easter Lilies, medium..... | 12 50              |
| "    long.....             | 15 00              |
| Callas.....                | 12 00 to 15 00     |
| Tulips.....                | 3 00 to 4 00       |
| Daffodils.....             | 3 00 to 4 00       |
| Valley.....                | 3 00 to 4 00       |
| Violets.....               | 1 00 to 1 25       |
| Sweet Peas.....            | 75 to 1 25         |
| Ferns.....                 | 4 00               |

All Green Goods at market rates.

## ROSES, our selection, - \$5.00 per 100

The above prices are for select stock. Extra select or inferior stock billed accordingly. All other stock at lowest market rates.

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

C. L. Washburn, in speaking of the National Flower Show, held in Boston last week, says that the plant and rose exhibits were easily the features of the show. If the growers in the vicinity of Boston could hear all the good things that Mr. Washburn says about them they would feel amply repaid for their labor and the courtesy shown the visitors during their brief visit in their city. Mr. Washburn was evidently a good pupil, for he was seen a few days after his return, escorting a party of westerners around the various retail stores of this city.

Frank X. Stuppy of the Stuppy Floral Co. of St. Joseph, Mo., accompanied by Samuel Murray, the well-known florist of Kansas City, Mo., passed through Chicago on their return to their respective homes, on April 3, after enjoying a brief visit in the east. Mr. Stuppy was greatly pleased with the National Flower Show held at Boston last week, and like the other visitors who attended, says it was the best show he ever saw.

Peter Reinberg is receiving the congratulations of his many friends for the excellent manner in which he, as chairman of Carter H. Harrison's campaign committee, conducted the political campaign during the past few months. A prominent gentleman, well known to the trade, said that he wouldn't be at all surprised if Mr. Reinberg were to be some day the successful candidate for the office to which Mayor Harrison was elected.

The J. C. Mastin Co., 3124 West Lake street, reports a good demand for the Mastin automatic spraying machine, which is proving very successful for spraying purposes. The Junior sprayer, made in brass only, has been placed on the market, which is designed for use by florists and plantmen, being especially adapted for con-

servatory, garden or household purposes.

George Fisher on March 31 bought an exceptionally large quantity of carnations for the H. A. Fisher Co.'s stores at Battle Creek and Kalamazoo, Mich. He claims he cleaned up the market, which was the cause of the advance in price the following days.

Paul M. Paley of Vestal & Son, Little Rock, Ark., spent a few days in the city, returning home April 1. He was shown around the city by Frank Ayers, Chas. W. McKellar's popular storeman.

N. P. Miller of the J. B. Deamud Co., was missed from the store on Monday, he being in attendance at the funeral of his uncle which occurred that day.

Now that election is over and all bets paid, the opening game of the White Sox is the principal theme of conversation with the baseball fans at the market.

Miss M. C. Guntenberg, of the Flower Grower's Market is receiving a good supply of American Beauty roses of high quality.

Henry Van Gelder of Percy Jones is receiving a good supply of carnations in the leading varieties.

The E. F. Winterson Co. is supplying their customers with a fancy grade of lilies and carnations.

Vaughan's Seed Store received a carload of nursery stock this week, European specialties.

Visitors: J. F. Wilcox, wife and two sons, Council Bluffs, Ia.; Carl Hirsch, Hillsdale, Mich.; James Forbes of Martin & Forbes Co., Portland, Ore.; Paul M. Paley, of Vestal & Son, Little Rock, Ark.; Frank Stuppy of the Stuppy Floral Co., St. Joseph, Mo.; Samuel Murray, Kansas

## U S Budlong's E Blue Ribbon Valley.

City, Mo., and J. A. Pettigrew, superintendent of parks, Boston, Mass.

### Chicago Bowling.

On March 29, the Violets won three games from the Carnations and the Roses won two and lost one to the Orchids. John Zech was high man of the evening, having a total of 219 pins for the opening game. Friedman bowled 212 and Allie Zech 203 in the second game played. Al. Fisher and Allie Zech both hope to win the Vaughan & Sperry cup which will be awarded to the individual champion at the close of the season. A return match with the Milwaukee bowlers has been arranged for May 7, and preparations for giving the visitors a good time are under way. The following table shows the number of games won and lost by each team to date:

|                  | Won | Lost |               | Won | Lost |
|------------------|-----|------|---------------|-----|------|
| Orchids .....    | 54  | 18   | Roses .....   | 30  | 42   |
| Carnations ..... | 37  | 35   | Violets ..... | 24  | 48   |

Individual and team scores for games played March 29:

| Carnations     |             | Orchids      |             |
|----------------|-------------|--------------|-------------|
| Ayers.....     | 172 158 191 | Huebner..... | 150 157 142 |
| Krauss.....    | 180 130 99  | Graft.....   | 180 147 157 |
| Geersch.....   | 104 137 149 | Farley.....  | 149 149 130 |
| Winterson..... | 159 118 182 | Sweeney..... | 151 135 176 |
| A. Zech.....   | 148 203 161 | Zech.....    | 219 158 167 |
| Totals.....    | 763 748 782 | Totals.....  | 849 746 772 |

# EASTER

A Large Supply of **ROSES**

**Extra fancy KILLARNEY, WHITE KILLARNEY, RICHMOND, BRIDE, BRIDESMAID, and AMERICAN BEAUTIES.**

## EASTER LILIES

**Cut or in pots, write for prices. We will have a large quantity of both and would be pleased to book your order now. We have the Best Stock in the Chicago Market--Bar None.**

## CARNATIONS

**A Large Supply in all the Leading Varieties, on long stems, with splendid blooms and foliage.**

# HOERBER BROS.

**Wholesale Growers of Cut Flowers**

**162 North Wabash Ave.,**

**Long Distance Phone,  
Randolph 2758.  
Automatic 41770.**

**CHICAGO.**

| Violets. |               | Roses. |                |
|----------|---------------|--------|----------------|
| Wenzel   | ..147 144 151 | Byers  | ...124 189 162 |
| Schloss  | ..155 189 194 | Katzel | ...119 126 136 |
| Lussow   | ..156 107 143 | Myers  | ...146 176 199 |
| Friedman | 184 212 182   | Wolf   | ...160 126 147 |
| Lorman   | ..155 132 188 | Fisher | ...149 170 166 |
| Totals   | ..797 784 858 | Totals | ..698 787 823  |

On Wednesday evening, April 5, the Orchids won two of the three games played with the Violets, and in the games between the Carnations and Roses the former won two and the latter one. Next week being the week before Easter there will be no games bowled. Following are the scores:

| Orchids. |                | Carnations. |                |
|----------|----------------|-------------|----------------|
| Heubner  | ..117 135 105  | Ayers       | ...151 168 305 |
| Farley   | ..154 137 164  | Krauss      | ..142 136 120  |
| Graff    | ...157 159 156 | Goersich    | ..162 166 158  |
| Coory    | ...107 122 115 | Schultz     | ...139 115 173 |
| Zech     | ...154 161 150 | A. Zech     | ...198 176 170 |
| Totals   | ..689 714 764  | Totals      | ..792 761 726  |
| Violets. |                | Roses.      |                |
| Wenzel   | ...119 119 155 | Katzel      | ...133 134 119 |
| Schloss  | ..138 137 132  | Myers       | ...137 136 156 |
| Lussow   | ..145 158 148  | Byers       | ...127 151 183 |
| Friedman | ..132 189 156  | Wolf        | ...179 92 146  |
| Lorman   | ..116 191 157  | Fisher      | ...178 178 166 |
| Totals   | ..650 794 748  | Totals      | ..754 691 770  |

### Milwaukee.

#### A DECREASE IN SUPPLY.

The cold snap and dark weather have made quite a difference in the market. Stock has once more shortened up and is bringing normal prices. There are carnations enough to go around, the heaviest demand being for red and white, which are somewhat scarce. Killarney roses have shortened up a little, but are of a fine grade and mostly long stems. American Beauties are practically out of this market. Lily of the valley is plentiful. Violets are still hanging on, but the sale is not as brisk as formerly, it seems as though people were becoming tired of them. Easter lilies are arriving in small quantities and selling readily, the flowers are fine, but the stems are short. Green goods of all descriptions are plentiful enough to fill all orders.

#### NOTES.

Holton & Hunkel Co. is commencing to cut some fine Kaiserin roses at their Brown Deer plant. This firm is busy shipping plants to their out-of-

town trade and are already increasing their force of men. They have a fine selection of plants at their Humboldt avenue greenhouses, especially spirea and rambler rose bushes.

The Milwaukee florists contemplate a return match with the Chicago florists Sunday, May 7, the date having been changed by request of A. Zech. Every Milwaukee florist is invited to join the party, and for particulars inquire of Gus Rusch, care of Holton & Hunkel Co.

C. C. Polworth Co. reports business good. This firm expects to cut quite a few carnations for Easter and are busy filling advanced orders for Easter plants. Walter Halliday, the store manager, was on the sick list last week, but is back on the job again.

W. C. Zimmermann is sporting around in an automobile. He reports business good, having had a considerable amount of funeral work the past week.

Nic Zweifel has returned from Boston and reports a good time. G. R.



# You Run No Risk

In letting us book your order **Now**. If prices fall you will get the benefit. If they rise we charge you current prices on date of order. We are strong on

## Roses

Killarney, White Killarney, Bride, Maid, My Maryland, Richmond. All first-class stock, the best in this or any other market.

## Carnations

Plenty of white, red and pink in all the best varieties. No better stock to be had anywhere.

**Bulb Stock, Tulips, Valley, Jonquils** all in first-class order.

**Greens of all kinds.**

We give personal attention to every order and this careful service counts. We shall be glad to hear from you for today's shipment or for Easter.

# Zech & Mann,

Wholesale Florists,

New Numbers: 30 E. RANDOLPH STREET,  
and 162 N. WABASH AVE.

CHICAGO.

Long Distance Phone, Central 3284.

### • Cincinnati.

#### INCLEMENT WEATHER.

The large influx of stock continues and moves out slowly, and the prices as a result are very low. The weather held back the flowers considerably last week, the days being dark and cloudy. Roses are coming in very strong. The Killarney and Richmonds are very fine. The other roses, too, are doing nicely, but American Beauties are on the short side. Carnations are still abundant and sell at low prices, white enjoys the largest call. The amount of bulbous stock on hand seems adequate for all demands. Local grown Easter lilies, judging from reports from the growers, will be short at Easter time. Right now they are apparently adequate for requests. There are enough lily of the valley and sweet peas. The green goods supply is ample. The appearance of the stands in the Jabez Elliott flower market bespeaks the approach of bedding season. Last Saturday there were few vacant ones. Carnations were the principal cut flowers offered. Other blooms were bulbous stock, lilies, sweet peas, pansies and forget-me-nots. The list of plants included all decorative plants and quite a few geraniums and bedding stock.

#### NOTES.

Al. Sunderbruch, Alex Ostendorf, Chas. H. Hoffmeister and Otto H. Hoffmeister were guests of Wm. Sunderbruch, the president and manager of Bloomhurst Floral Co. of Lockland, April 2. All the stock in the Bloomhurst greenhouses is in splendid condition. They are in the midst of a crop of Killarney and Richmond, and the carnations look as well as at any time this season. The whole year has been a remarkably successful one for the new firm.

The attendance at the bowling club meet April 3 was small but eight enthusiasts were present. Wm. Sunderbruch rolled the highest score yet made by any member of the club this season in a record game.

P. J. Olinger moved into larger and more commodious quarters April 1. He now occupies the old La Fayette Bank quarters, two doors west of his old location.

The Florists' Society meets next Monday evening at the club rooms.

E. O. Woodruff, representing The Sefton Mfg. Co., was a caller.

Geo. Corbett is reported as on the sick list.

|                      | 1st game | 2nd game | Avg. |
|----------------------|----------|----------|------|
| Wm. Sunderbruch      | 227      | 158      | 161  |
| Ed. Schumann         | 166      | 189      | 162  |
| Ray Murphy           | 140      | 121      | 156  |
| Al. Horning          | 146      | 152      | 156  |
| R. C. Witterstaetter | 170      | 134      | 152  |
| Lawrence Fritz       | 129      | 139      | 118  |
| C. H. Hoffmeister    | 128      | 99       | 116  |
| D. Ruseom            | 130      | 123      | 106  |

### Cleveland.

#### STOCK ABUNDANT.

There is an abundance of all grades of stock at present. Carnations continue plentiful and some very large orders were taken and filled. White and red carnations had the call the past week. Callas and Easter lilies had a very remarkable run during the week owing to events in the various churches, and the large amount of funeral work. The supply of short-stemmed white and pink roses is a little under the demand, the longer grades being more plentiful. Short Richmond and American Beauties for funeral work find a good market. Long American Beauties are beginning to come in and the quality is of the best, long stiff stems and large blooms. Sweet peas are fine, swain-

## U S Budlong's E Blue Ribbon Valley.

sona is coming in slowly. Violets have been in good demand and lily of the valley is moving very slowly. Asparagus is a little more plentiful, while smilax is rather scarce. Bulbous stock is in large supply. Some very large orders for potted plants for Easter are taken daily and the stock is in fine condition. Whitman and Boston ferns are selling well.

#### NOTES.

Mrs. Geo. W. Smith, who has been ill for some time, was taken to St. Alexis Hospital, March 28, where she underwent an operation the following morning. She has been in very poor health, but it is hoped that she will again regain her strength. At last reports she was getting brighter and stronger, and the doctors say she will soon be able to sit up. She has the sympathy of the trade, who wish her a speedy recovery.

All the boys who went to the Boston flower show have returned and report a good show and a good time. "You don't know beans" until you have seen Boston, is what they all say.

The Taylor Flower Shop has a window decoration for Easter in which about 500 hyacinths, growing in baskets, will be used.

C. F. B.

KLAMATH FALLS, ORE.—E. G. Ehle is negotiating for five acres of land on which he will establish a nursery.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

163-165 N. Wabash Ave. Chicago  
L. D. Phone Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 162 N. Wabash Avenue CHICAGO

Detroit.

CLUB MEETING.

The club meeting Monday evening, April 2, was made specially interesting by the additional feature of a trade exhibition of considerable magnitude. This as well as the meeting was held in the spacious quarters of the Michigan Cut Flower Exchange. The exhibit was hastily arranged and was intended to show what the local growers have for the Easter trade and fine stock in all cases was shown. There was no schedule of prizes or classification of exhibits, but on the recommendation of Robert Unger, chairman of the exhibition committee, the club's certificate of award was given to the following exhibitors whose stock seemed to merit special mention: Fred Breitmeyer, for well grown antirrhinum, mignonette and roses, Canadian Queen, Bridesmaid, White and Pink Killarney; Thos. E. Browne, meritorious seedling carnations, especially well grown standard sorts; Chas. H. Plumb, excellent display of blooming plants, including fine genistas, rhododendrons, lilacs, lilies, azaleas, hydrangeas and Baby Rambler roses, also a good display of roses and carnations; L. Bemb Floral Co., unique arrangement of the new roses, Aaron Ward, Melody and Double Killarney. These were sent by S. S. Pennock-Meehan Co., Philadelphia, Pa., and most of them, it is understood, were grown there by Robt. Scott & Son. Other exhibitors were: Beard Bros., bulbous and other flowering plants, including marguerites, azaleas, hydrangeas and lilies; J. K. Stock, carnations, forget-me-not and schizanthus (a scarce flower in these parts); Ferd. Kolbe, fine antirrhinum and well grown standard varieties of carnations; Fred. Miesel & Son, sweet peas and carnations, primulas, hydrangeas, acacia, deutzia, weigelia, wistaria, viburnums and roses; M. Bloy, lilies, spreas, carnations and roses, all well grown; Louis Rush, plants of bulbous stock, primulas and spreas; J. B. Dinsner, Boston ferns, lilies and bulbous plants.

With a view to further developing trade in carnations on Mother's day, President George Browne appointed

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO April 5.                     | Per doz.      |
|--------------------------------------|---------------|
| Roses, Beauty, specials.....         | 6 00          |
| " " 36 in.....                       | 5 00          |
| " " 30 in.....                       | 4 00          |
| " " 24 in.....                       | 3 00          |
| " " 18 to 20 in.....                 | 2 00          |
| " " 12 to 15 in.....                 | 1 00          |
| " " Short stem.....                  | Per 100       |
| " Killarney.....                     | 4 00          |
| " White Killarney.....               | 6 00          |
| " Richmond.....                      | 6 00          |
| " My Maryland.....                   | 6 00          |
| " Cardinal.....                      | 5 00          |
| " Perle.....                         | 4 00          |
| Carnations.....                      | 2 00          |
| " fancy.....                         | 4 00          |
| Daffodils.....                       | 3 00          |
| Harris and Callas.....               | 2 00          |
| ".....                               | 12 50         |
| Jonquils.....                        | 3 00          |
| Mignonette, large spikes.....        | 4 00          |
| Orchids Cattleyas.....               | 5 00          |
| Sweet Peas.....                      | 75 00         |
| Tulips.....                          | 3 00          |
| Valley.....                          | 3 00          |
| Violets, double.....                 | 75            |
| " single Princess of Wales.....      | 1 00          |
| " single California.....             | 50            |
| Adiantum Crownsum.....               | 1 00          |
| Boxwood, per bunch 35: per case..... | \$7 50        |
| " 50 lbs.....                        | 1 25          |
| Ferns.....                           | per 1000 3 50 |
| Galax.....                           | 1 25          |
| Leucothoe.....                       | 75            |
| Pumous Strix.....                    | each 60       |
| Smilax.....                          | per doz. 1 50 |
| Sprenger. Plumous Sprays.....        | 3 00          |
| Wild Smilax. 50 lb. case.....        | 5 00          |

the following committee: J. F. Sullivan, Philip Breitmeyer and A. Pochehon. This committee will solicit the aid of the superintendent of schools in giving publicity and full significance to the spirit of the day when carnations should be universally worn as contemplated by the founder of Mother's day.

At the next meeting of the club, April 17, a full report will be made of the National Flower Show by the committee appointed for the purpose: C. H. Plumb, E. Rahaley and A. Pochehon. This feature of the meeting will, it is expected, be most interesting. At the same meeting a paper will be read on "Adaptability of wooden benches contrasted with results with cement and solid beds" by Barney Meyers, Lancaster, N. Y. A review of Easter trade is also scheduled for this meeting, at which a full attendance is expected.

J. F. S.

## WIETOR BROS.

Wholesale Cut Flowers  
Growers of

All telegraph and telephone orders given  
prompt attention.

162 N. Wabash Ave., CHICAGO.



## A. L. Randall Co.

70 E. Randolph St.

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L. D. Phone Central 1496. Private Exchange  
All Departments. I you do not receive our  
price list regularly send for it.

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Telephone, Central 3284.

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JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

## U S Budlong's E Blue Ribbon Valley.

ATLANTA, GA.—W. A. Hollingsworth, formerly located on Peachtree street, has moved to the corner of Houston and North Fryer streets.

GLENWOOD, IA.—David Mundell who for some years conducted a florist business at Monticello died at his home recently. He was born at Yonkers, N. Y., and was about fifty years of age. Two years ago he was appointed gardener at the institution for the feeble-minded at this place, which position he has filled ever since. He was well known among the florists of the state.



# Cut Easter Lilies

**\$12.00 -- \$15.00 per 100.**

**THE LEO NIESSEN CO.**

Business Hours: 7 a. m. to 8 p. m.  
1209 Arch St.,

**Philadelphia, Pa.**

Of exceptional fine quality, perfect flowers clean foliage, long stems. Lilies that find ready sales and will be appreciated by your trade

## Philadelphia.

### BUSINESS DULL.

Last week's business was very dull until Saturday, which livened up a bit, and this demand, together with a rather light supply on account of the cool weather, which hangs on rather too tenaciously for the season, saw a general clean-up. Southern daffodils were seen on all the street stands offered very low and quantities were handled in this way. The feature of the rose market was the scarcity of American Beauties. Crops appear to be off with all growers alike and it now seems as if there will not be very many for the Easter demand. Killarney, Richmond and White Killarney are fairly plentiful, but there is no piling up. There appears to be use for them even in the light general demand. Carnations are quite equal to the demand and are of excellent quality. Violets are fast going out and it is a question if there will be any for Easter. The stores are all showing a fair sample of the Easter stock, displayed to catch early orders. All the buyers were out in full force the past week and for the most part the orders were all placed by the first of the month. As said before in these columns, the stock is very fine, that of W. K. Harris and the Robt. Craig Co., the largest growers in this vicinity, being very fine. At Harris' the leaders are azaleas, rhododendrons, Rambler roses, duetziyas, hydrangeas and gardenias; while everything is in the greatest state of perfection the gardenias are exceptionally fine. They are a wonderfully flowered lot of plants. There are also several houses of fine lilies. Robert Craig & Co.'s specialties are Rambler roses in variety, many of them trained as globes, pyramids, umbrellas, fan shaped, etc., with quantities of large fall bushy plants, and all loaded with buds. Hydrangeas are very full of blooms and there are quantities of azaleas and spiraea and several large bunches of Easter lilies, which are of good height and well flowered.

### NOTES.

They had a narrow escape from a serious fire, April 1, at the Robert Craig Co. establishment, when a combined boiler house and carpenter shop was totally destroyed and the ends of five greenhouses adjoining were burned out and quite a good deal of the stock at that end of the houses destroyed. It was noticed by a passer-by and the city fire department was on the job almost before the night fireman knew of it. Fifteen hundred dollars will probably cover the loss. Had the fire gotten a little more headway all of one section of the place would have gone, and made a serious loss. As it was none of the Easter stock was damaged and this part of the business will not be interfered with.

The wholesale men say that orders are coming in nicely for cut flowers for Easter and they expect a good demand for lilies. \$12 to \$15 is the price asked for good flowers.

Adiantum Farleyense are all sold out in this section. Orders for three or four hundred at a time have been

## Wholesale Flower Markets

| PHILADELPHIA, April 5.  |             |            |
|-------------------------|-------------|------------|
| Roses, Beauty, extra.   | 50          | 00 275 00  |
| " " " " " "             | 25          | 00 63 00   |
| " Brides and Maids.     | 6           | 00 15 00   |
| " Killarney             | 4           | 00 25 00   |
| " White Killarney       | 4           | 00 15 00   |
| Callas                  | 8           | 00 10 00   |
| Cattleyas               | 25          | 00 50 00   |
| Daffodils               | 2           | 00 7 30    |
| Forget-me-nots          | 2           | 4 10 4 00  |
| Gardenias               | per doz.    | 2 00 74 00 |
| Lilac                   | per bunch.  | 75 12 10   |
| Lilium Harriot          | 8           | 00 15 00   |
| Lily of the Valley      | 3           | 00 6 50    |
| Mignonette              | 5           | 00 8 80    |
| Smilac                  | 10          | 00 25 00   |
| Sweet Peas              | 40          | 9 1 00     |
| Violets                 | 50          | 2 75       |
| Adiantum                | 1           | 00 1 50    |
| Asparagus               | per bunch.  | 50         |
| Smilax                  | 15          | 00 20 00   |
| PITTSBURG, April 5.     |             |            |
| Roses, Beauty, special. | 25          | 00 35 00   |
| " " " " " "             | 15          | 00 20 00   |
| " No. 1                 | 10          | 00 12 00   |
| " Bride, Bridemaid      | 2           | 00 8 00    |
| " Chateaux              | 2           | 00 8 00    |
| " Killarney             | 2           | 00 8 00    |
| " My Maryland           | 2           | 00 8 00    |
| " Richmond              | 2           | 00 8 00    |
| Carnations              | 2           | 00 3 00    |
| Cattleyas               | 40          | 00 50 00   |
| Lilium Longiflorum      | 10          | 00 12 00   |
| Lily of the Valley      | 4           | 00         |
| Paper Whites            | 3           | 00         |
| Romans                  | 2           | 00         |
| Sweet Peas              | 50          | 1 00       |
| Adiantum                | 1           | 50         |
| Asparagus               | per bunch.  | 50         |
| " strings               | per string. | 50         |
| " sprays                | per bunch.  | 50         |
| Smilax                  | 15          | 00         |

turned down at H. A. Dree's, the demand for this fern has been so large this season. K.

## Boston.

### TRADE GOOD.

Trade has been fairly good the past week, and everything is moving fairly well. Violets are about done. The growers are throwing them out to plant tomatoes and crops for Decoration day.

### NOTES.

The meeting of the Gardeners' and Florists' Club will be held April 25. A lecture on the gladioli will be given by B. Hammond Tracy. This ought to prove interesting, as Mr. Tracy is an expert in that line and there will be some points brought out worth knowing.

Thos. Roland, Nahant, gained many prizes and honors at the flower show, but I am sure the prize that arrived at his home March 31 is more highly valued than all the prizes or medals he ever received. "It is a girl; congratulations."

Paul De Nave is sending some high class Dendrobium thyrsiflorum to Welch Bros. They are well grown and do the grower great credit.

F. J. Lake, Wellesley Hills, is sending to his agent in the market some very fine white and yellow marguerites.

Everett Cummings, Woburn, Mass., is building new houses for violets. The wholesalers report business as being good.

W. E. Doyle is reported as sick.

MAC.

## FANCY

### Beauties Lilies Carnations

**THE McCALLUM CO., Inc.**  
PITTSBURG, PA.

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA.

## FRESH CUT FLOWERS

If you wish regular shipments of Daffodils, Paper Whites, Grand Monarque, etc., at reasonable prices, address

**THE LEEDHAM BULB CO.,** Santa Cruz, Cal.  
Gladioli America, Tulips,  
Spanish Iris, etc., in season.

## U S Budlong's E Blue Ribbon Valley.

St. Louis.

### COLD AND CLOUDY.

The weather still remains cold and cloudy and trade is light, with the prices of stock low. Sweet peas are very plentiful but violets are becoming shorter in supply and there is doubt whether there will be any at Easter. Hardy ferns are sold at good figures.

### NOTES.

Willie Dee, window decorator at C. Young & Sons Co., has put up some very fine window displays. The chickens attract a great deal of attention.

F. C. Weber, Theodore Miller, Fred H. Meinhardt and Otto G. Koenig have returned from Boston where they had a royal time.

C. A. Kuehn is receiving a good supply of American Beauty roses from the J. F. Ammann Co., Edwardsville, Ill.

The meeting of the Florists' Club April 6 will be an important one and a large attendance is desired.

H. G. Berning is receiving a fine stock of lilies and expects a nice lot for Easter.

The Mullanphy Floral Co. has a fine assortment of plants for Easter.

W. F.

# WELCH BROTHERS, Asparagus Plumosus Nanus

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other reasonable stock.

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

## E. G. GILLET, Wholesale Commission Florist

CONSIGNMENTS SOLICITED

131 E. 3rd St., CINCINNATI, OHIO

Manufacturers of Superior Wire Work for Florists

### Hanging Baskets

ALL SIZES, A SPECIALTY.

Must not be compared with rat trap work

Once a customer always a customer.

GREEN SHEET MOSS and SPHAGNUM MOSS

Ohmer's Superior Florida Asparagus Plumosus, 25c per bunch the year round.

WRITE FOR CATALOGUE AND PRICES

## BOSTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## HENRY KUSIK & COMPANY

Wholesale Cut Flowers and Supplies

Manufacturers of Florists' Wire Designs. Shippers of Home-Grown Flowers.

226 North Fifth St.,

MINNEAPOLIS, MINN.

### Wholesale Flower Markets

| BOSTON, April 5.         |     | Per 100  |
|--------------------------|-----|----------|
| Roses, Beauty best       | 50  | 00@75 00 |
| " " medium               | 25  | 00@35 00 |
| " " culls                | 6   | 00@8 00  |
| " Bride, Bridesmaid      | 2   | 00@8 00  |
| " " Extra                | 8   | 00@16 00 |
| " Killarney and Richmond | 4   | 00@12 00 |
| " My Maryland            | 4   | 00@12 00 |
| " " Carol                | 1   | 00@8 00  |
| Carnations, select       | 1   | 00@2 00  |
| " " fancy                | 2   | 00@3 00  |
| Callas                   | 8   | 00@12 00 |
| Calliopsis               | 25  | 00@50 00 |
| Gardenias                | 25  | 00@35 00 |
| Lilium Longiflorum       | 8   | 00@10 00 |
| Lily of the Valley       | 2   | 00@4 00  |
| Violets                  | 50@ | 75       |
| Smilax                   | 12  | 00@16 00 |

| ST. LOUIS, April 5       |    | Per doz. |
|--------------------------|----|----------|
| Roses, Beauty long stems | 40 | 00@50 00 |
| " " medium stems         | 20 | 00@25 00 |
| " " short stems          | 5  | 00@2 00  |
| " Bride, Bridesmaid      | 5  | 00@8 00  |
| " Killarney              | 5  | 00@8 00  |
| " My Maryland            | 5  | 00@8 00  |
| " " Richmond             | 5  | 00@8 00  |
| Carnations               | 12 | 50@15 00 |
| Easter Lilies            | 12 | 50@15 00 |
| Valley                   | 4  | 00       |
| Adiantum                 | 2  | 00@1 25  |
| Asparagus Sprenger       | 2  | 00@3 00  |

| CINCINNATI, April 5   |           | Per doz. |
|-----------------------|-----------|----------|
| Roses, Beauty         | 1         | 00@5 00  |
| " Bride, Bridesmaid   | 2         | 00@8 00  |
| " Golden Gate         | 2         | 00@3 00  |
| " Killarney           | 2         | 00@6 00  |
| " " Richmond          | 2         | 00@8 00  |
| " Pres. Taft          | 3         | 00@8 00  |
| Carnations            | 8         | 00@10 00 |
| Callas                | 3         | 00@4 00  |
| Daffodils             | 4         | 00@5 00  |
| Hyacinths, Dutch      | 4         | 00@5 00  |
| " Roman               | 3         | 00@4 00  |
| Jocquils              | 3         | 00@4 00  |
| Lilium Longiflorum    | 12        | 50@15 00 |
| Narcissus Paper White | 3         | 00@4 00  |
| Lily of the Valley    | 3         | 00@4 00  |
| Sweet Peas            | 3         | 00@4 00  |
| Tulips                | 3         | 00@4 00  |
| Violets               | 7         | 00@1 00  |
| Adiantum              | 1         | 00@1 50  |
| Asparagus Plumosus    | per bunch | 25       |
| Asparagus Sprenger    | per bunch | 25       |
| Smilax                | 12        | 50@15 00 |

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.  
Supplies and Everything in Season always on hand

Mention the American Florist when writing

## Florists' Greening Pins

Saves you time, worry and money

Use them once and you will never be without them. (Sample free.) 10-lb. box, (about 10,000 to 11,000 Pins.) \$1.50.

GEO. H. ANGERMUELLER, Wholesale Florist,  
1334 Pine Street, ST. LOUIS, MO.  
Mention the American Florist when writing

MILWAUKEE, April 5.

|                     |            |           |
|---------------------|------------|-----------|
| Roses, Beauty       | per doz.   | 1 00@5 00 |
| " Bride             | 4          | 00@8 00   |
| " Killarney         | 4          | 00@10 00  |
| " Richmond          | 4          | 00@10 00  |
| " Kaiserin          | 4          | 00@8 00   |
| Carnations          | 3          | 00@5 00   |
| Daffodils           | 10         | 00@15 00  |
| Lilium Gigantum     | 3          | 00@4 00   |
| Lily of the Valley  | per doz.   | 50@       |
| Mignonette          | per doz.   | 50@       |
| Munich Tulips       | per doz.   | 1 00@5 00 |
| Snagdragons         | per doz.   | 1 00@1 50 |
| Sweet Peas          | 50@        | 1 50      |
| Trumpets            | 3          | 00        |
| Tulips              | 50@        | 1 50      |
| Violets             | 3          | 00        |
| Adiantum            | 1          | 50        |
| Asparagus           | per string | 50        |
| " Plumose per bunch | 35@        | 50        |
| " Sprenger          | per bunch  | 35        |
| Boxwood             | per bunch  | 25        |
| Ferns, Fancy        | per 1000   | 25        |
| Galax               | per bunch  | 1 50      |
| Magnolia            | per bunch  | 50        |
| Wild Smilax         | per case   | 35        |

### THE J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.

Price List on Application.

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Phone Main 584.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT  
FLOWERS and Jobbers of  
FLORISTS' SUPPLIES.

Columbus, Ohio

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1. Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies  
Daguer and fancy Ferns \$1.00 per 1000. Green and bronze Gladioli, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb case \$7.00 by the lb, 25c. Laurel Wreaths, 10 inch, \$1.75 per doz.; 12 inch, \$2.25 per doz.; 14 inch, \$3.00 per doz.; 16 inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

WINNEPEG, MAN.—At the annual meeting of the Winnipeg Horticultural Association the election of officers took place with the following results: A. R. King, president; R. Aitken and W. Watson, vice presidents; W. J. Brattstone, secretary; Miss E. Ross, treasurer. The association's name has been changed from the Winnipeg Florists' Association to Horticultural Association. A flower show will be held September 1-3, 1911.



# AT AUCTION EASTER PLANTS

Beginning Tuesday, April 11th, at 10:30 a. m., and continuing at the same hour up to and including Saturday, April 15th.

Consignments received at any time during the week. Also

**Foreign and Domestic Nursery Stock in great variety**

Special facilities for prompt delivery.

Regular sales throughout the season.

**THE FRUIT AUCTION COMPANY, 200-204 Franklin St., New York**

Phone: 1512 Franklin.

Hort. Dept.: J. P. CLEARY, Mgr.

## New York.

### COLD SPRING WEATHER.

Very cool weather, considering that we are in April, is the rule; in fact, March is proclaimed as the coldest on record, and winter is surely running well into the lap of spring. Supplies of all kinds of cut flowers are more than ample for all demands; prices are not advancing on any lines, rather are they retreating if anything. It can freely be stated, however, that roses are more steady in the market than are carnations; the latter have become unduly plentiful, and prices consequently have been more erratic. Cattleyas have experienced little change in market conditions. Lily of the valley, callas, lilies, tulips, and narcissus in several varieties, are all in plentiful supply, prices remaining almost as in the week previous. The gardenia supply is quite a little heavier than has been the rule for some time past. Sweet peas are very numerous, the best grades keep up their values very well, however. Retailers are fairly busy right along, and a great deal of material is being purchased daily; the supply is so abundant, however, that prices, as we inferred above, remain almost stationary.

### NOTES.

Kessler Bros. will have the sympathy of the trade in the death of their father, Louis Kessler, aged 70 years, which occurred at his home, Secaucus, N. J., March 30. The interment was in Greenwood cemetery, Brooklyn, April 2. Besides the two brothers, who are in the plant business, there are left two girls and two boys to mourn his loss.

The next meeting of the Florists' Club will be held April 10 in the club's rooms, corner Twenty-third street and Eighth avenue. The essay committee has secured Arthur Cowee, Berlin, N. Y., to give an illustrated lecture. Gladys Joli will be the theme, and Mr. Cowee is an expert in that subject, so we are assured of something good.

New Yorkers who attended the Boston show are all enthusiastic over the sights seen there; the flower show is considered as the best ever and the unbounded hospitality of the Bostonians will long be remembered.

A meeting of the directors of the New York Cut Flower Exchange was held on April 1. President John Donaldson, of Elmhurst, is still suffering from an attack of rheumatism and was too ill to attend.

Arthur T. Boddington, seedsman, gave a luncheon to the visiting English horticulturists on April 4.

W. J. Palmer stopped off a few days here on his way from the National Flower Show in Boston.

John I. Raynor is home again after spending the winter in California.

Visitor: W. Currie, of Currie Bros., Milwaukee, Wis.

## Pittsburg.

### GOOD MARKET.

What might be termed a good market, satisfactory to grower, wholesaler, and retailer, is the condition now. Carnations and roses are lightening up somewhat, due to several days dark weather. Lilies are very plentiful, and calla blooms in quantity, some coming from California. In the small flowers, such as violets, sweet peas, etc., the demand is better than for some time past. White lilac is in regular supply, and a few forget-me-nots are seen. Greens are a little scarce.

### NOTES.

A. W. Smith Co. has closed a campaign, whereby more flowers were disposed of during Lent than ever was before by any retailer. A "quantity" dollar box was put up every Saturday, with the result that no wholesaler in the city carried over a rose or carnation on Sunday.

Klinke & Wehrheim are now settled and are ready for Easter in a store room that while not so large ranks well to the front in appearance. Adolph Cooper, formerly with H. L. Blind & Bro., is associated with them.

H. L. Blind & Bros. are cutting a very large crop of Emperor and Empress narcissus, which they are using to advantage in their store decorations. Every one seems to be busy on the Northside these days. G. & J. W. Ludwig state that their new store has brought them much new business.

F. H. Westhoff, De Haven, states that his carnation cuttings are the finest he has ever had, and looks for his banner year next season.

The Penn avenue store of Randolph & McClements state that "Red letter days" in the East End clean up large quantities of flowers.

The Ziegler Co. have had several large decorations lately, all requiring new and novel features.

The McCallum Co. is handling an Easter novelty composed of boxwood and fancy flowers.

The Pittsburg Cut Flower Co. has handled quite a lot of southern daffodils this year.

The South View Floral Company are cutting a nice crop of callas.

Visitors: Miss McDowell, of A. L. Wells Co., Steubenville, O.

J.

WAYNESBORO, PA.—The greenhouses of Charles F. Happel at Highfield were destroyed by fire in February, together with all the contents, the loss being \$2,000. Mr. Happel will rebuild at once.

SPRINGFIELD, O.—Christian Binnig and John M. Good, representing the Florists' Club, presented a plan to the members of the board of education to beautify the yards around the public school buildings. The club offers free seeds, bulbs and plants if the children do the work and are given instruction in floriculture.

*Charles Weiss & Sons*

127 West 28th St. NEW YORK  
Telephone 1202 Madison Square

**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

**Siebrecht & Siebrecht**

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Telephone: 8346 Madison Square.

136 W. 28th St., New York City

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Wholesale Commission Dealer in

**CUT FLOWERS**

28 Willoughby Street,

Tel. 4591 Main. BROOKLYN, N. Y.

**U S Budlong's**  
**E Blue Ribbon Valley.**

NEW YORK.—The Massas Floral Co. has leased the store and basement at 25-42 Eighth avenue for a term of 10 years.

ROCHESTER, N. Y.—Assistant Superintendent Dunbar prepared a beautiful spring display of potted plants at the Highland Park greenhouses the last week in March, consisting of azaleas and bulbous stock. The houses were open to the public from nine in the morning until four in the afternoon.

EL MONTE, CALIF.—The California Rhubarb Growers' Association is a very successful society and the membership is increasing. They have standardized the crate to 30 lbs. and their sale methods are returning larger revenues. The officers are Edward Bushnell, Monrovia, president; W. J. Embree, El Monte, secretary.

PHILADELPHIA

NEW YORK

WASHINGTON

**S. S. Pennock-Meehan Co.**

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Everything in Cut Flowers.

PERCY B. RIGBY, Treasurer.

Everything in Supplies



D. Y. McEllis, Pres. Geo. W. Crawbuck, Mgr. Robert G. Wilson, Treas.

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3643 }  
8028 }**Traendly & Schenck,**

WHOLESALE FLORISTS,

131 & 133 WEST 28th ST  
Phones: 798 and 799.

NEW YORK

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Give us a Trial  
We can Please you.

Roses, Carnations and all kinds of Seasonable Flowers in Stock.

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BUFFALO N. Y.  
Florists' Supplies and Wire Designs.

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MAURICE L. GLASS

**A. MOLTZ & COMPANY,**  
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**N. Y. Cut Flower Exchange**

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Open for Cut Flower Sales at 6 o'clock Every Morning.

Desirable Wall Space to Rent for Advertising.

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Mention the American Florist when writing

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**P. J. SMITH,**

Are the best product of the best growers for the New York market.

Adiantum Croomianum, sold here exclusively,  
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Consignments Solicited.

Telephone. 3559 Madison Square.

54 West 28th St. NEW YORK.

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**Wholesale Flower Markets**

| NEW YORK, April 5.                |                         |
|-----------------------------------|-------------------------|
| Roses, Beauty, special.....       | 30 00@24 00             |
| " extra and fancy.....            | 15 00@25 00             |
| " No. 1 and No. 2.....            | 2 00@2 60               |
| " Bride, Bridesmaid, special..... | 5 00@2 80               |
| " extra and fancy.....            | 3 00@2 50               |
| " No. 1 and No. 2.....            | 1 00@2 30               |
| " Killarney, My Maryland.....     | 5 00@2 80               |
| " extra and fancy.....            | 3 00@2 40               |
| " No. 1 and No. 2.....            | 1 00@2 20               |
| " Richmond.....                   | 1 00@10 00              |
| Carnations.....                   | 1 00@2 20               |
| Callas.....                       | 1 00@2 20               |
| Cattleyas.....                    | 8 00@10 00              |
| Gardenias.....                    | 25@ 5 01                |
| Lilium Longiflorum.....           | 6 00@2 30               |
| Lily of the Valley.....           | 1 00@2 30               |
| Narcissus P. White.....           | 1 50@2 50               |
| " Yellow.....                     | 1 50@2 50               |
| Roman Hyacinths.....              | 5 00@2 50               |
| Sweet Peas.....                   | per doz. bchs. 60@ 1 50 |
| Tulips.....                       | 1 50@2 50               |
| Violets.....                      | 20@ 25                  |

| BUFFALO, April 5.                |                  |
|----------------------------------|------------------|
| Roses, Beauty, special.....      | 35 00@40 00      |
| " extra and fancy.....           | 25 00@30 00      |
| " extra.....                     | 15 00@20 00      |
| " No. 1.....                     | 10 00@15 00      |
| " No. 2.....                     | 3 00@2 50        |
| " Bride, Maid, Killarney.....    | 5 00@10 00       |
| " Killarney, White and Pink..... | 6 00@10 00       |
| Carnations.....                  | 1 50@2 30        |
| Callas.....                      | 8 00@10 00       |
| Daisies.....                     | 10 00@12 00      |
| Double You Sion.....             | 2 00@2 30        |
| Freesia.....                     | 2 00@2 30        |
| Lilium Longiflorum.....          | 10 00@12 00      |
| Lily of the Valley.....          | 3 00@4 00        |
| Mignonette.....                  | 3 00@4 00        |
| Myosotis, per bunch.....         | 10@ 20           |
| Sweet Peas.....                  | 40@ 1 00         |
| Trumpet Major.....               | 2 00@2 30        |
| Tulips.....                      | 3 00@4 00        |
| Violets.....                     | 40@ 50           |
| Adiantum Croomianum.....         | 75@ 1 50         |
| Asparagus per bunch.....         | 35@ 50           |
| Asparagus Sprenger.....          | 35@ 50           |
| Asparagus Str.....               | 50@ 60           |
| Ferns.....                       | per 1000. \$2 50 |
| Galax, green and bronze.....     | 1 50             |
| Leucothea Sprays.....            | 15 75            |
| Smilax.....                      | 15 00            |

**ALFRED H. LANGJAHR**

WHOLESALE FLORIST.

55 W. 28th Street, NEW YORK

All flowers in season. Consignments of first-class stock solicited.

Phones 4626 and 4627 Madison Square.

**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

**Moore, Hentz & Nash,**

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Telephone No. 756  
Madison Square.

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WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 3532 and 3533 Madison Sq.

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Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

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Cut Flower  
Folding Boxes  
Satisfaction  
Guaranteed

# EASTER

We can save you money on everything you buy  
in Florists' Supplies.

We carry the largest stock of Cut Flowers from the best growers in New England. Can fill orders, large or small, send them in. Easter Lilies, Calla Lilies, Jonquils, Tulips, Paper Whites, Hyacinths, Valley, best quality, Carnations of all standard varieties, Pink and White Killarney, Richmond, Rhea Reid, American Beauty, Sprengerl and Plumosus.

## Green and Violet Tinfoil

Best Quality, 17c per lb.  
PLAIN TINFOIL, 9c per lb.

## Dagger and Fancy Ferns

All Quality, \$1.50 per 1000.

## Southern Wild Smilax

\$6.00 per case.

## Brilliant Bronze and

## Green Galax

\$1.00 per 1000; \$7.50 per 10,000.

## Boxwood

Excellent Quality, 16c. per lb.

Imported  
Cycas Leaves  
Finest  
Quality

Per 100

|            |        |
|------------|--------|
| 4x8 inch   | \$2.00 |
| 8x12 inch  | 2.50   |
| 12x16 inch | 3.00   |
| 16x20 inch | 3.50   |
| 20x24 inch | 4.00   |
| 24x28 inch | 5.00   |
| 28x32 inch | 6.00   |
| 32x36 inch | 7.00   |
| 36x40 inch | 8.00   |

|         | Per 100 |
|---------|---------|
| 18x5x3  | \$1.75  |
| 21x5x3  | 1.85    |
| 24x5x3  | 2.35    |
| 28x5x3  | 2.90    |
| 30x5x3  | 3.00    |
| 21x8x5  | 2.85    |
| 24x8x5  | 3.50    |
| 28x8x5  | 3.70    |
| 30x8x5  | 4.50    |
| 36x8x5  | 5.50    |
| 30x12x6 | 6.25    |
| 36x14x6 | 7.50    |

## Double Violet Boxes

|        | Per 100 |
|--------|---------|
| 9x4x4  | \$1.75  |
| 9x6x5  | 2.25    |
| 10x7x6 | 2.50    |
| 12x8x7 | 3.00    |

No charge for printing  
in lots of 500.

## Imported Green and Bronze Magnolia Leaves

Very best quality, \$2.25 per Basket.

We constantly carry a large assortment of Florists' supplies and can fill orders at a moment's notice. Our illustrated catalogue mailed on request.

# Henry M. Robinson & Co.

## Wholesale Commission Florists

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Manufacturers and Importers of Florist  
Supplies---Hardy Cut Evergreens

BOSTON, MASS.

9 and 15 Chapman Pl.

# Fancy Ferns, - \$2.50 per 1000



|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| New Crop Galax, Bronze or Green.....            | \$1.25 per 1000; 10,000 \$7.50             |
| Sphagnum Moss, large bales.....                 | \$1.25; 6 bales, \$7.00. Extra Fine        |
| Leucothoe Sprays, Green and Bronze.....         | \$1.00 per 100; \$7.50 per 1000            |
| Boxwood.....                                    | per bunch, 35c; 50-lb. case, \$8.50        |
| Magnolias, Brown and Green, Imported stock..... | per basket, \$2.50; 6 baskets, \$2.00 each |

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

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All Phone Connections.

DETROIT, MICH.

## MOSS AND PEAT

Carefully selected fresh stock.

Sphagnum Moss, burlapped; no dirt, roots or sticks.

|                    |                 |
|--------------------|-----------------|
| 10 bbl. bales..... | \$4.00 per bale |
| 5 bbl. bales.....  | 2.25 per bale   |
| scotted Peat.....  | .90c per sack   |

"Not how cheap—but how good."

J. H. SPRAGUE,

Barneget, N. J.

## Southern Wild Smilax

Now ready for shipment.

Perpetuated and Natural Sheet **MOSSSES**

Satisfaction guaranteed.

E. A. BEAVEN,

Evergreen, Ala.

## George Cotsonas & Co.

Wholesale and Retail Dealers  
in all kinds of

## Evergreens



Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
127 W. 28th St., bet. 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly,  
on receipt of same.

Give us a trial. We know we can please you.  
Galdwell the Woodsman Co., Evergreen, Ala.



IF YOU SAW IT IN

## THE FLORIST

SAY SO IN YOUR NEXT ORDER.

# EASTER POT PLANTS



All winter long we have been developing our stock of Easter plants—**Blooming, Decorative, Bedding**—and they are now in such fine condition that we can offer them with the assurance that they will please you please your customers, and bring them back for more.

## BLOOMING STOCK.

### Easter Lilies in Pots.

Per 100 flowers ..... \$12.00  
Plants with 4 flowers and up.

### Azalea Van der Cruyssen.

Each 75c, \$1.00, \$1.50, \$2.00 and \$2.50  
An especially fine lot of these.

Leave the selection to us and you will be satisfied.

### Spiraea Gladstone.

We have an exceptionally fine lot of Spiraea Gladstone to offer just right for Easter 6-inch pots, per doz., \$6.00.

### Baby Rambler Roses.

White, 4-inch pots..... per doz., \$3.00  
5-inch pots..... per doz., 4.00

### Japan Maples.

7-in. pots, nicely colored per doz, \$12

## SURPLUS BEDDING STOCK.

### Ageratum.

Per 100 1000 |  
3-in. pots, per doz., 50c; \$4.00 \$35.00  
Cuttings..... 50 5.00

### Coboea Scandens.

3-inch pots..... per 100, \$4.00  
4-inch pots, per doz., \$1.50; 100, \$10.00

## Decorative Stock.

### ARAUCARIA EXCELSA

| Pots  | Tiers   | High         | Per doz. |
|-------|---------|--------------|----------|
| 5-in. | 3 and 4 | 12 to 14-in. | \$9.00   |
| 6-in. | 4 and 5 | 18 to 20-in. | \$2.00   |

### ARECA LUTESCENS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### Made-up Plants

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### ASPARAGUS PLUMOSUS NANUS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### ASPARAGUS SPRENGERI

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### ASPIDISTRA LURIDA, VARIEGATED

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### BOSTON FERNS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### COCOS WEDDELLIANA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### CROTONS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### DRACAENA FRAGRANS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### DRACAENA INDIVISA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### FICUS PANDURATA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### FICUS REPENS, VINE

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### FINE FERNS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### WANDERING JEW

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### SANSEVIERIA JAVANICA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### WANDERING JEW

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### WANDERING JEW

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

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|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### WANDERING JEW

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
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### LATANIA BORBONICA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### NEPHROLEPIS BOSTONIENSIS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PANDANUS UTILIS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PANDANUS VEITCHII

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PASSIFLORA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PHOENIX CANARIENSIS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PHOENIX RECLINATA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### PHOENIX ROEBELENI

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### KENTIA BELMOREANA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### KENTIA FORSTERIANA

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

### MADE-UP PLANTS

| Pot   | Leaves   | Height       | Each   |
|-------|----------|--------------|--------|
| 5-in. | 12 to 20 | 30 to 36-in. | \$4.00 |

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# Dreer's Offer of New Dahlias.

## New German Giant CACTUS DAHLIAS

**Nerthus.** Flowers fully 6 inches in diameter, of splendid form, borne on stout, stiff stems, held well above the foliage. The centre of the flower is a rich, glowing bronzy orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives it an iridescence which it is not possible to describe. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Rheinkönig.** In this we believe we are offering the ideal white Cactus Dahlia which has been a desiderata for a long time. In habit of growth it is robust, similar to the varieties *Lavine* and *Flora*; in color a pure snow-white, with flowers 5 to 6 inches in diameter. These are of great substance, lasting splendidly when cut; they are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting. Our own representative had the opportunity of comparing this variety with many other sorts which were planted for comparison at the trials which during the past summer were made at the *Palmen Garten* at Frankfurt, Germany, where it showed up in such superior form over all others that we at once secured all available stock. We offer it, believing it to be the most desirable acquisition in Dahlias offered in many years. Strong plants, ready April 15th. 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

**Walter Rhein.** Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow suffused with salmon-rose; a beautiful, attractive and imposing flower. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wodan.** This is the strongest-growing variety in the collection, the plant being exceptionally robust and growing fully 6 feet high, with large, bold flowers, frequently over 7 inches in diameter; but with this large size there is no coarseness, the flowers being a graceful arrangement of semi-incurved tubular petals of a most pleasing, delicate salmon-rose color shading to old gold in the centre. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wolfgang von Goethe.** A splendid large, free-flowering variety, with gracefully arranged, perfect flowers of a rich apricot with carmine shadings; a splendid cut flower. Strong plants, ready April 15th. 35 cts. each \$3.50 per doz.; \$25.00 per 100. One each of the above 5 new sorts for \$1.75.



NEW GERMAN GIANT CACTUS DAHLIA RHEINKÖNIG.

## Decorative Dahlias of Recent Introduction

**Beloit.** Particularly effective on account of its very large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Delice.** Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Le Grand Manitou.** The first variegated Dahlia of the decorative type introduced, and which attracted much attention in our trial ground the past season. The flowers are from 5 to 6 inches across, the ground color being white, prettily spotted, striped, blotched and suffused with deep reddish-violet; these are borne on stout, stiff stems and held well above the foliage. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Perle de Lyon.** The most valuable white Decorative Dahlia yet introduced, and which is certain to become a leader as a cut flower, perfect in form, pure in color, and produced on long, stiff stems, and very free-flowering. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Yellow Colosse.** Flowers of very large size, of perfect form, pure primrose-yellow; the best of its color and valuable for all purposes. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

One each of the above 5 new Decorative Dahlias for \$1.00.

See our Current Wholesale List for other varieties of Dahlias, Seasonable Plants, Seeds, Bulbs, etc.



DECORATIVE DAHLIA, PERLE DE LYON.

The above prices are intended for the Trade only.

HENRY A. DREER, Inc.,

714 Chestnut Street,

PHILADELPHIA, PA.

# Decoration by Roses

The right time to buy Roses is when they are fresh and well ripened. Roses potted up in the winter become better established and force better, and are more satisfactory in every way, and you can retard or force them at your leisure.

## Hardy Perpetual Roses

We offer extra-strong forcing two-year-old dormant, low-budded stock, in the following varieties, at the following prices:  
Price, 75c for 5 (of one variety), \$13.00 per 100, \$120.00 per 1000 (immediate delivery).

Alfred Colomb. Carmine-crimson.  
Anne de Diesbach. Bright carmine.  
Ball of Snow (Roule de Neige). Large, pure white.  
Baron de Bonstetten. Blackish crimson.  
Baroness Rothschild. Satiny pink.  
Capt. Christy. Delicate flesh color.  
Clio. Satin blush.  
Duke of Edinburgh. Bright vermillion.  
Fisher Holmes. Dark velvety crimson.  
Frau Karl Druschki. The finest white in existence.  
Gloire de Margottin. Dazzling red.  
Gen. Jacqueminot. Brilliant crimson.  
John Hopper. Bright rose.  
La France. Peach blossom pink.  
Mme. Charles Wood. Bright carmine.  
Margaret Dickson. White, with pale flesh center.  
Marshall P. Wilder. Cherry rose and carmine.  
Magna Charta. Dark pink.  
Mme. Gabriel Luizet. Light, satiny pink.  
Mrs. John Laing. Rich satiny pink.  
Mrs. Sharman Crawford. Deep rosy pink.  
Paul Neyron. Lovely dark pink.  
Persian Yellow. Hardy yellow Rose.  
Princes Camille de Rohan. Dark crimson-maroon.  
Soleil d'Or. Gold and orange to reddish gold.  
Ulrich Brunner. Cherry-red.

For prices see above.

## English Moss Roses

Assorted. White, Pink, Red. Large dormant plants, from open ground. 75c for 5, \$14.00 per 100.

## Baby Rambler Roses.

PHYLIS. Very fine clear pink, highly recommended, \$1.25 for 5, \$20.00 per 100.  
PHYLIS (Grown as a Standard). \$2.00 for 5, \$35.00 per 100.  
BOSKOOP BABY. Color beautiful shade of China rose, very free-flowering and easily forced. \$3.25 for 10, \$30.00 per 100.  
BABY DOROTHY. "Baby Dorothy," when planted out, flowers perpetually from Spring until Autumn. It makes an excellent pot plant for forcing. Price for strong, field-grown plants, 85c for 5, \$15.00 per 100.  
BABY DOROTHY (Grown as a Standard). For description see above. 50c each, \$4.75 for 10, \$45.00 per 100.  
CATHERINE SEIMETH. A very important novelty. A White Baby Rambler Rose, larger and better flowers than the type, White with yellowish center. It has the true rose perfume. 85c for 5, \$15.00 per 100.  
MRS. WM. H. CUTBUSH. A grand acquisition to the Baby Rambler class. Color intense crimson and exceptionally free-flowering. 85c for 5, \$16.00 per 100.  
MME. NORBERT LEVYASSEUR (Baby Rambler). Strong, field-grown plants, 75c for 5, \$14.00 per 100.  
BABY RAMBLER (Grown as a Standard). The popularity of the Baby Rambler has suggested the growing of it as a tree or standard. 40c each, \$3.75 for 10, \$35.00 per 100.

## Ramblers and Other Climbing Roses.

CLIMBING BABY RAMBLER (Miss O. Mossman). A novelty for 1911. While the Baby Rambler is popular, the climbing type will soon become so too. We have a small stock and offer same as follows. It is a true Polyantha type, color deep rose. 50c each, \$2.25 for 5, \$40.00 per 100.  
GLOIRE DE DIJON. Color buff, orange center, very sweet-scented. Field-grown, \$1.50 for 5, \$22.50 per 100.  
CRIMSON RAMBLER. American Grown. The only stock for forcing. Large heavy plants, two years old, mossed and packed in bundles of 10, 5 to 6 feet, \$1.75 for 10, \$15.00 per 100; 4 to 6 feet, \$2.25 for 10, \$20.00 per 100; 7 to 8 feet, extra heavy, \$4.00 for 10, \$35.00 per 100.  
DOROTHY PERKINS. Resembles the Crimson Rambler, except in color, which is a lovely sherry pink, holding a long time without fading. 4 to 5 feet, \$1.75 for 10, \$15.00 per 100; 8 to 9 feet, \$2.00 for 10, \$18.00 per 100.  
TAUSENDSCHON. The new Rambler Rose. The name translated means a "thousand beauties." Color beautiful rose, shading to pink. \$1.75 for 10, \$15.00 per 100.  
TAUSENDSCHON (Grown as a Standard). Fine for forcing. 40c each, \$3.75 for 10, \$35.00 per 100.

## Somthing New in Roses for Florists

### Half Standard Baby Ramblers

These are Baby Ramblers, grown on stems or standards about one and one-half feet high, and will be a novelty for your trade you cannot probably overlook. Easily forced. They are offered in the following varieties:

BABY DOROTHY (Half Standard). Deep pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY RAMBLER (Half Standard). Crimson, 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY CATHERINE SEIMETH (Half Standard). White. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY "STARS AND STRIPES" (Half Standard). White and red grafted on the same plant; most attractive. 45c each, \$4.50 per doz., \$35.00 per 100.  
PHYLIS (Half Standard). Carmine pink. 45c each, \$4.50 per doz., \$35.00 per 100.  
TAUSENDSCHON (Half Standard). Soft pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
MRS. CUTBUSH (Half Standard). Rose pink. 40c each, \$4.00 per doz., \$30.00 per 100.

## English Grown Hybrid Tea, or Ever-blooming Roses, etc.

Hybrid Tea or Everblooming Roses are becoming more popular every year. As hardy as the perpetuals, with slight protection in winter, they give a wealth of bloom all through the summer months and late in the fall till frost checks them.

THE GRAND ROSE LYON. Originated by the raiser of Etoile de France. Perpetual flowering. Vigorous grower. The blooms are very large with broad petals, full and globular in form; shrimp-pink at the ends of the petals, center coral-red or salmon-pink shaded with chrome yellow. Very fragrant. 40c each; \$1.75 for bundle of 5; \$30.00 per 100.  
THE KILLARNEY ROSE. This is a grand Rose for either indoor or outdoor cultivation: is a strong grower and the blooms, which are of a beautiful pink, are borne in great profusion. Strong. 2-year-old field-grown stock, \$1.25 for bundle of 5; \$22.50 per 100.

MAN COCHET ROSES. The best of all Roses for summer-flowering and cutting. Maman Cochet (Pink). Color a clear, rich pink changing to silvery rose; very double and fragrant. Marman Cochet (White). A sport from the above, with all its characteristics; color a beautiful snow-white, at times tinted with the faintest suggestion of blush, the same as is often found in the Bride. \$1.25 per bundle of 5; \$22.50 per 100.

ROSE, ETOILE DE FRANCE. Flowers large, possessing petals of very good substance; magnificent cupped form. Superb crimson velvet, the center of the bloom vivid coral-red. The flowers are very fragrant and last very long. The Queen of the Everblooming Red Roses. The most free-blooming and vigorous Red Rose ever introduced. Strong. 2-year-old plants, field-grown, \$1.25 for bundle of 5; \$22.50 per 100.

BESSIE BROWN. Creamy white, \$2.50 for 10; \$22.50 per 100.  
GRUSS AN TEPLITZ. No Rose in commerce can compare with this as a bodder. It is a perfect sheet of richest crimson-scarlet all summer. A strong, vigorous grower. \$1.75 for 10; \$15.00 per 100.

VISCOUNTSSE FOLKESTONE. A large, full flower of creamy pink, shading to deep salmon-pink at the center; very floriferous. \$1.25 for 5; \$22.50 per 100.

HERMOSA. Soft pink; flowers full and freely produced; a good grower. \$1.25 for 5; \$20.00 per 100.

RICHMOND. The well known Red Rose of commerce, \$1.25 for 10; \$22.50 per 100.

PRESIDENT CARNOT. Almost pure white Rose, shading to soft pink, very distinct and excellent for indoor or outdoor summer growing. \$1.25 for 5; \$22.50 per 100.

BETTY. Coppery yellow, overspread with golden rose. A fine formed Rose, large and moderately full, \$1.75 for 5; \$25.00 per 100.

MADAME ABEL CHATENAY. Carmine-rose, shaded salmon-pink. \$2.50 per 10; \$22.50 per 100.

MILDRED GRANT. Cream, with a faint blush of pale rose, \$2.50 per 10; \$22.50 per 100.

AMERICAN BEAUTY. Almost too well known for description, but as popular today as twenty years ago. Rosy carmine, shaded salmon, flowers large and full; very floriferous. Strong field-grown plants, 75c for bundle of 5; \$14.00 per 100.

CAROLINE TESTOUT. Bright satin rose, with brighter center, large, full and globular; sweet scented, \$1.25 for bundle of 5; \$22.50 per 100.

We carry a much larger list of Hybrid Teas in our retail catalogue, which will be sent on application.

KAISERIN AUGUSTA VICTORIA. An almost pure white Rose. Shaded a beautiful primrose. Fine for indoor or outdoor summer-blooming. \$1.25 for bundle of 5; \$22.50 per 100.

ARTHUR T. BODDINGTON, Seedsman, 324 W. 14th Street  
NEW YORK CITY



—Come Direct to Headquarters for—

# EASTER PLANTS

Wishing You a Joyful, Happy and Prosperous Easter

## Prepare for Easter

And purchase your Easter supply direct from your old reliable friend, Gofrey Aschmann, of Philadelphia. Two more houses devoted this year to Easter plants, and we have an immense stock for immediate shipment.

Unexpected business has prevented us from making an exhibit at the National Flower Show, Boston, March 25th. But I herewith invite all my customers and others who can find time to come to our establishment, to the great mill of plant production, and from your judgment of our great Easter stock in person. The Germantown and Chestnut Hill and Willow Grove trolley, at 13th and Eighth and Market streets, will take you direct to Ontario street. From there walk two squares east to 1012 W. Ontario street.

All florists should this Easter-time, come see my stock quite superfine: My glistening *Araucaria*, my *Lilies* strong and woodruss fair; Ferns, big and green no rival know. Bulbs of all sorts, the best I grow. There's not a flower you now can need, but I can sell you cheap indeed: Azaleas like a plant on fire, with blooms that fill the heart's desire; Oh, yes, *Primroses* with colors chaste, *Palms* grown to suit the highest taste. The spring-time jewels are my flowers, pictures of life that brighten ours; None fairer, better, you can find—I have the best of every kind.

### Spirea Gladstone.

What is a home, what is a store, what is a church, what is an Easter present, without having a few plants of the so much admired and so greatly in demand *Spirea Gladstone*, the pride of Holland? O, those charming sprays of beautiful pure white flowers! And the foliage, of such a beautiful waxy deep green is a jewel in itself! Mixed with beautiful lilies and other blooming plants they will complete the flower decoration for your happy, joyful Easter home of 1911. Knowing the great demand for these plants during past Easters, when not half the customers could be supplied, we are well prepared this year for the rush, and were fortunate in spite of the scarcity last fall in Holland. When other florists' supplies were cut short by Holland growers, we obtained enough of the bulbs to fill two houses with the choicest, and we are able to supply all incoming orders promptly. Price: 5½, 6 and 7 in. pots, full of buds and flowers, 35c, 50c, 75c to \$1.00 each; dozen or more, the same price. Some are as big as a small washtub.

### Cineraria Hyb. Grandiflora.

Readers, please just a minute, I wish to call your attention to one of our biggest houses filled with a big selection of that so much admired Easter novelty, the *Cineraria Hyb. Ida Grandiflora*, which will have no equal in the flower market for Easter, 1911. If you are not fortunate enough to see them growing at our establishment, then just imagine you were promoted to a paradise, to a garden in Eden, standing before a mass of flowers in various beautiful colors. This is the condition one of our *Cineraria* houses represents at Easter-time. Our new improved strain, planted in 6 in. pots, of medium tall sizes, are unsurpassed in the size and color of the flowers. The flowers are about twice the size of the old ordinary varieties, has big heads of flowers good foliage; some of the plants are as big as a small apple basket. Price: 6 in. pots, 25c, 35c, 50c, 75c to \$1.00 per plant; dozen or more, same price.

### Azalea Indica.

Remember we are headquarters for *Azalea Indica*, grown for us under contract in Ghent, Belgium under my personal inspection, by going abroad every year and looking them over. *Azalea Indica*, Easter forcing: Ver-zee-nove, Deutsche Perle, President O. wald de Kerkove, Emperor of Brazil, Professor Wolters, Empress of India, Schryveriana double variegated 60c, 75c, \$1.00 to \$1.50; also Mme Van der Cruysen, Simon Mardner, pink Niobe, white, Apollo, red, and Emperor of Brazil 60c, 75c, \$1.00, \$1.25 to \$1.50; full of buds and flowers; right for Easter. In large plants we have: Helene, Helene Thielman, Bernard Adressa Alba, white, Empress of India, Mme. Van der Cruysen, and others, \$1.50, \$2.00 to \$2.50.

*Asparagus Plumosus Nanus*, 4-in., 10c; 2½-in., 3c. *Asparagus Sprengeri*, 2½-in., 3c; 4-in., 10c.



### Lilium Multiflorum.

We have *Lilies* this Easter (1911) to burn, to burn, they are crackers, to beat the band, the best in the land, the best in the land, the best in the land.

Three houses in *Lilium Multiflorum*, the genuine Japan Easter Lily, better than ever before. Our own importation from our general grower in Japan, raised from 9,100 in bulbs started in 6 in. pots last October; have kept cold. Good, perfect foliage from bottom up. Plants medium size, and in all heights from 5 to 10 buds to the plant, 10c per bud; plants under 5 buds, 12c per bud. Just right for Easter. We have the finest lilies this year in Philadelphia and all over the country, is the town talk from florists and agents daily visiting our place. "We never have seen anything like it," said two well-known growers from Cincinnati and Short Hills N.J., the other day, when visiting our place together. We have three houses full in 6 in. pots, nicely stalked up, medium height, and can supply all applications.

On account of selling our lilies cheap, and most all florists know there is no profit in growing lilies (we only keep the good ones; the bad and the diseased ones we dump out fully 30 per cent every year), therefore we kindly ask our customers to buy a suitable portion of other plants in connection with lilies.

*Hyalanthus* of our own importation, four best colors. Gertrude best pink; King of the Blues, best blue; Grand Maître, light blue; La Grand-esse, best white; 4-in. pots, in bud or bloom, \$2.00 per 100.

*Begonia Rex*, 5 to 5½ in. pots, 20c to 25c.

### Araucarias Our Specialty.

We are the largest importers of these lovely decorative plants the *Araucaria Excelsa*, *Robusta Compacta* and *Glaucia*, the choicest last spring (1910) importation, ready for immediate shipment. It is of no use to look elsewhere for cheaper prices. We now control and will control the market of the *Araucarias* in the future.

Look! Bargains in *Araucaria Excelsa*. Such low prices as are quoted below we have never known in the history of *Araucaria excelsa*. Just think! 6 to 7 in. pots, 4-5-6 years old, 4-5-6 tiers, 25-30-35-40 in. in height, for only \$1.00, \$1.25, \$1.50 to \$1.00 each. These prices are record-breakers—money makers for you.

*Araucaria Excelsa*, 6-7 in. pots 5-6-7 tiers, 4-5-6 years old 25-30-35-40 in. high, perfect tiers, green from bottom to top. Price \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

We also have the nicest *Araucaria Robusta Compacta* and *Excelsa Glaucia*, a house full, for only \$1.25, \$1.50 to \$2.00, worth double.

*Dracena Bruni*, 25 to 30 in. high, 6 in. pots, 40c to 50c. Highly recommended for store and house decoration; stands heat cold and dust.

*Von Sion Daffodils*, double, ready for Easter, best double *Narcissus* in cultivation, three bulbs planted in a 2½ to 6 in. pot, 4-5-6 years old, 4-5-6 tiers, 25-30-35-40 in. in height, for only \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

*Tulips*, *Tournecole* double, red and yellow variegated, and *Murillo*, beautifully shaded rose pink, three bulbs in one pot (4 in.), \$1.50 per 100 pots; \$1.80 per doz.

*Ipomea Noctiflorum*, our so well-known pure white, waxy *Moonvine*, bearing flowers very fragrant and as big as a saucer 2½ in. pots, will make good stock for you to propagate from, \$5.00 per 100.

*Lantana Borbonica* (Chinese Fan Palms), 30 to 35 in. high, 6 to 7 in. pots, 50c, 75c to \$1.00 each. *Kentia Forsteriana*, in fine shape, 6 in. pots, 30 to 40-45 in. high, 4-5-6 years old, \$1.00, \$1.25, \$1.50, \$2.00 to \$2.50 each.

*Kentia Belmoreana*, 30-35-40 in. high, 5½-6-7 in. pots, 5-6-7 years old, \$1.25, \$1.50 to \$2.00 each.

*Kentia Belmoreana*, combination plants, 25 to 30 in. high, made up of 3 plants, 6 to 7 in. pots, \$1.00, \$1.25 to \$1.50; 4 in., 20 in. high, 20c to 25c.

Our *Boston* this year are exceptionally very fine. *Ferns*, *Scotti*, *Whitman* and *Scholz*, 5½ and 6 in., 35c, 50c, 75c, 1.00; 7 in., 50c, 75c, 1.00. As big as a bushel basket, \$1.00 to \$1.25. Remember all our *Ferns* are pot-grown, not lifted from benches.

*Scotti*, *Whitman* and *Scholz*, 8 in., \$1.50. *Neph. Glatraei*, a new beautiful fern, an improvement on *Scotti*, much shorter heads of flowers than *Scotti* 5½ in. pots, 50c; 3 in. pots, 25c.

*Ferns* for Dishes, big assortment, 2½ in. pots, at \$4.00 per 100.

*Adiantum Hybridum*, 6 in. pan, 25c to 30c.

Our *Hydrangea Otaksa* is in a very fine state for Easter trade; 6-7 in. pots, every branch nicely taken up, with 4-5-6-7-8 large heads of flowers to the plant. Price: 75c, \$1.00, \$1.25, \$1.50, \$2.00 each. Sold out of 25c, 35c and 50c sizes.

*Crimson Rambler Roses*, 6 in. pots, every bush nicely taken up and bent down 36-40-45 in. high, full of flowers and buds, big value for the money. Price: 75c, \$1.00, \$1.25, \$1.50 to \$2.00 each.

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All plants must travel at purchaser's risk.

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FROM NEW YORK EXCEPT AS NOTED.  
April 11.

Noordam, Holl.-Amer., 10 a. m., Hoboken Pier.  
Kronprinz Wilhelm, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
FROM BOSTON, Cymric, White Star, Charlestown Pier.

April 12.

Caronia, Cunard, Piers 54 and 56, North River.  
Majestic, White Star, 3 p. m., Piers 60 and 61, North River.  
Bleucher, Ham.-Amer., 10 a. m., Hoboken Pier.  
Hamburg, Ham.-Amer., Hoboken Pier.  
FROM BALTIMORE, Chemnitz, No. Ger. Lloyd, 2 p. m., Pier 9, Locust Point.

April 13.

Pannonia, Cunard, Piers 54 and 56, North River.  
La Provence, French, 10 a. m., Pier 57, North River.  
Prinz Friedrich Wilhelm, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
FROM ST. JOHN, N. B., Lake Champlain, Can. Pacific, 12 noon.  
FROM ST. JOHN, N. B., Pretorian, Allan, 2 p. m.

April 14.

FROM PHILADELPHIA, Marquette, Red Star, 10 a. m.

April 15.

Celtic, White Star, 11 a. m., Piers 60 and 61, North River.  
Kronland, Red Star, 10 a. m., Pier 59, North River.  
Pennsylvania, Ham.-Amer., 11 a. m., Hoboken Pier.  
Niagara, French, Pier 84, North River.  
La Bretagne, French, Pier 57, North River.  
Philadelphia, American, 9:30 a. m., Pier 62, North River.  
Prinzess Irene, No. Ger. Lloyd, 11 a. m., Hoboken Pier.  
FROM PHILADELPHIA, Merion, American, Pier 54.

St. Paul, Minn.

## Holm & Olson,

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Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lanes.  
Chicago—A. Lange, 44 E. Madison St.  
Chicago—Geo. Wittbold Co., 73 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank P. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
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Grand Rapids, Mich.—Eli Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
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Kansas City—Wm. L. Rock Flower Co.  
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Will take proper  
care of our orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Durfee, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, June, 1911.

FARMERS report that seed corn is not sprouting.

COLD weather has diminished seed trade activities.

BURPEE'S seeds are sold in "Noah's Ark" in Denver.

CHICAGO.—Prices on the board of trade April 5 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.—Potatoes have advanced 20 cents per bushel this week.

VISITED CHICAGO: C. F. Eltzholtz, returning to the coast; J. E. Northrup, of Minneapolis Minn.; Wm. Currie, of the Currie Bros. Co., Milwaukee, Wis., returning from the Boston show; Linnaeus Allen, Floral Park, N. Y., who reports that orders are smaller than usual.

It is reported that the June meeting of the American Seed Trade Association will be held at Marblehead, Mass., but we are without official notice of hotel headquarters. We suppose the date will be June 20-22.

VISITED BOSTON.—Among the National Flower Show visitors last week, in addition to those already mentioned in this column, were John Lewis Childs, Floral Park, N. Y.; S. F. Willard, Wethersfield, Conn., and A. M. Kirby, New York.

THE Nebraska Seed and Commercial Feeding Stuffs bill, H. R. No. 219, requires that seed corn shall germinate 94 per cent and further that broken kernels shall be considered impurities. The penalty for selling such seed is \$100 fine. If this bill passes it would almost seem that the Nebraska seedsmen will have to handpick their seed.

THE new cabbage Copenhagen Market introduced by Hjalmar Hartmann & Co., Copenhagen, Den., is being favorably received. The heads mature early and all at the same time, averaging about 10 pounds in weight, are very solid with small core and of fine quality. The leaves are small and tightly folded and the plants can be set closer than other varieties.

## The Latest Novelties in Sweet Peas.

Paper read by G. W. Kerr of Doylestown, Pa., before the National Sweet Pea Society of America at Boston, Mass., March 29, 1911.

Not so many years ago, if one mentioned sweet pea novelties, it was quite unnecessary to ask the raiser's name, as they were then practically all the result of the patient and painstaking labor of the late Henry Eckford, but of recent years, more especially since the introduction of that glorious variety, Countess Spencer, all this is changed, as the past six years has seen the advent of many sweet pea specialists and raisers, with the result that our list of varieties is growing by leaps and bounds. So much so that were they all distinct it would be almost an impossibility to keep in touch with them. But as it is, only a few of the many novelties which are introduced each year are found worthy of a permanent place in the garden, the majority of the novelties being either synonymous with existing varieties or in many cases inferior. For instance we are, "trying out" at Fordhook this year considerably over one hundred of the season's introductions and I fancy I am safe in saying that there will not be twelve out of that number which will be found worthy of perpetuating.

As far as we can judge by paper reports, the most sensational English novelties of the year are Stirling Stent and Charles Foster. Stirling Stent is a waved orange colored flower and for which the introducer has been charging seven shillings, six pence (almost two dollars) for six seeds. It was awarded a first-class certificate and the silver medal of the English Sweet Pea Society as being the most meritorious novelty in their trials, and Charles Foster is said to be the first of quite a new shade in sweet peas and is described as a blending of rose, salmon and apricot on a lavender and violet ground, both are of immense size and generally produced four on a stem. And after having read such glowing reports of their merits I am eagerly looking forward to the advent of their first flowers some two and a half months hence.

Of the 1910 novelties Miriam Beaver easily takes first place, in fact I consider it the most exquisitely beautiful variety in cultivation, the color being soft light terra-cotta on cream ground. Of the other novelties the only varieties of outstanding merit were Mrs. Hugh Dickson, soft pink on cream ground; Martha Washington,

white edged and suffused rose; W. T. Hutchins, buff pinkish apricot; Earl Spencer, or Nancy Perkins, salmon-orange; Marie Corelli, rose; Ruby, glowing orange-scarlet, wings rose, and Arthur Unwin, a much improved Mrs. Ireland, and if we add the following, the cream of the earlier Spencer novelties—this may be said to embrace the very finest set now in commerce, namely: Mrs. Routhahn, apricot pink and creamy buff; Constance Oliver, a cream ground Countess Spencer; Dainty Spencer, white with a picotee edging of rose; Mrs. C. W. Broommore, or Evelyn Hemus, primrose with picotee edging of pink; White Spencer; Primrose Spencer; Asta Ohn, soft lavender, standard flushed pale rose; Tennant Spencer, heliotrope; John Ingman, or George Herbert, rosy carmine; Helen Lewis, deep orange; Florence Morse Spencer, pale pink; Othello Spencer, rich crimson; Flora Norton Spencer, deep maroon; King Edward Spencer, pale blue; Aurora Spencer; Queen Victoria Spencer; Cocleina Spencer and last, but not least, Countess Spencer, the forerunner of this magnificent new race.

So much for this popular flower as we know it in the summer time, but what of our winter flowering varieties? After having admired the magnificent exhibits of roses, carnations and other winter and spring flowers exhibited at the show, you may imagine I am a rash and false prophet when I say that there is a race of winter flowering sweet peas coming that will, to a great extent, oust many of these from popular favor and that their introduction will revolutionize the cut flower market. I am referring to the Spencerised type of winter blooming sweet peas. Although the winter flowering type as we have it today is extremely popular, it is still in its infancy, and the new race to which I refer is as much superior to it as is the summer flowering Spencers to the grandifloras, and all sweet pea lovers appreciate this marked difference, but I believe it is even more accentuated in the new winter Spencers. I had the pleasure of visiting Mr. Zvolanek, at Bound Brook a few days ago, where I saw this new class in perfection. There were pure white, primrose, bluish pinks, pink in various shades to rose and orange, the size of flowers and the magnificent frilled blooms, strong stems and robust and vigorous growth to which I was introduced were magnificent and I am certain the introduction of this new race will place the sweet pea at the forefront of all winter flowers, especially for table decorations and boutonnières.

I understand that the Rev. Edwin Arkwright, of Algiers has also been working on this form. I have also been hybridizing for the same results for the past few years, so that we have now at Fordhook a large family of promising youngsters of various ages from which I am expecting great things.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
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Etc.

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**Crimson Clover**

**Red Clover**

**Mammoth or Sapling Clover**

**White Clover**

**Cow Peas**

**Soja Beans**

**Kentucky Blue Grass**

**Red Top or Herd's Grass**

**Rye Grasses**

**Poultry Foods**

**Pigeon Food**

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**Baltimore.**

**Md.**



# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation.  
Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** Next delivery—**White Wonder March 27, and Gloriosa April 4.** Our March 15 delivery of White Wonder and March 15 and 27 delivery of Gloriosa were all sold in 5 days after our advt. appeared.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

### Growing Cyclamens the Second Year.

ED. AMERICAN FLORIST:

What is the proper treatment to carry cyclamen plants over for the second year? Can primulas be grown in for the next year? Will *Narcissus alba plena odorata* bloom another season and how should they be treated?

B. E.

Cyclamen can be grown a second year if the plants are strong. Generally the best plants are picked out and only the poorer ones left. In this case it is better to start with seedlings. The plants should be placed in frames outside, the pots sunk to the rims and shaded with lath frames, white-washed sash are not as good as the lath frames, for they are much hotter during the summer. Care should be taken not to over water until the new growth starts, when they should be potted, the soil to consist of two parts fibrous loam and one part leaf mold with a liberal amount of sand added. The pots should be just large enough to hold the bulb and roots, so that they can be shifted into larger pots in the fall, given new soil and not have them in too large a pot at that time. The primulas are such a rapid-growing plant that it is far better to sow the seed now and have nice young stock than to attempt to grow the old plants a second year. The *Narcissus alba plena odorata* bulbs would probably not bloom satisfactorily a second season, and would hardly pay for their room and culture. W.

## Geraniums

|                                                 | Per 100 |
|-------------------------------------------------|---------|
| S.A. Nutt and 6 other vars., 3 in. pots.        |         |
| April 15.....                                   | \$4 00  |
| Asp. Plumosus, April 15.....                    | 2 00    |
| Sprenger, April 1.....                          | 2 01    |
| 10 vars. Cannes, April 1.....                   | 4 00    |
| Kinz Humbert, 3 1/2 in. pots                    | 6 00    |
| Alternantheras, red and yellow, 2 1/4 in. pots. |         |
| April 10.....                                   | 2 00    |

Please,  
Cash.

**JOS. H. CUNNINGHAM, Delaware, O.**

Mention the American Florist when writing

## Coleus

|                                      | Per 100 |
|--------------------------------------|---------|
| 10 varieties, 2 in. pots.....        | \$2 00  |
| Vinca Var., 2 1/4 in. pots.....      | 2 50    |
| Verbenas, April 1.....               | 2 50    |
| Plumosus Seedlings, April 20.....    | 1 30    |
| Sprenger Seedlings, April 1.....     | 1 05    |
| Fancy Plants, April 1.....           | 1 90    |
| Salvias, 2 in. pots, April 10.....   | 2 55    |
| Petunia Seed lings, Double Seed..... | 2 50    |

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BULBS****CALADIUM ESCULENTUM**

Live center-shoots, free from rot.

|           | Per doz. | Per 100 |
|-----------|----------|---------|
| S 7       | \$0 35   | \$1 80  |
| 7-9       | 50       | 3 50    |
| 12 and up | 1 75     | 14 00   |

**GLADIOLUS**

|                   | Per 100 | Per 1000 |
|-------------------|---------|----------|
| Mrs. Francis King | \$2 65  | \$23 00  |
| Mme. Moncel       | 2 25    | 20 00    |
| Florist Mixed     | 1 75    | 15 00    |
| Extra Fine Mixed  | 2 00    | 18 00    |

**TUBEROUS BEGONIAS**

|                          | Per 100 |
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| Single { Scarlet         | \$2 50  |
| { White                  | 2 50    |
| { Pink                   | 2 50    |
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| Doubles, colors as above | 4 50    |

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|                     | Per 100 |
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| 1st size            | 10 00   |

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|                             | Per 100 |
|-----------------------------|---------|
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Lilies that can be shipped to you at any time that will be just right for Easter, at 12½ cents per bud.

Imported Hydrangeas, 6 inch, 6 to 8 heads, at \$1.00 and \$1.25; 8 inch, 8 to 12 heads, at \$1.50 to \$2.00 each; 9 inch, 10 to 20 heads, at \$2.00 and \$2.50 each.

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Baby Rambler Roses, 3¼-inch at 20 cents; large bushy plants in 6-inch at \$.50, \$.75 and \$1.00 each.

White Rambler Roses, 3¼-inch at 20 cents, 5-inch at 50 cents.

Hermosa and Souper Roses, 3¼-inch 20 cents, 4-inch 25 cents, 5 inch 50 cents each.

Cinerarias, 5-inch 25 cents each, 4 inch 15 cents, Azaleas at \$1.00, \$1.25 and \$1.50 each.

We expect to have 1500 4-inch pots of Hyacinths at \$10.00 per hundred; 500 larger size at 24½ cents; 5 inch pots at 50 cents; 6 inch at 35 cents; 8 inch at 75 cents; 10-inch at \$1.00. Tulips 6 inch 35 cents. Daffodils, 6-inch at 25 cents. We also have a fine lot of flats to offer of the Hyacinths, with about three dozen bulbs at \$1.50 per flat, subject to being unsold.

Write for our lists of Soft Wooded Stock Ferns, Caladiums, Cannas, Chrysanthemums and Roses.

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2 to 2½ ft ..... 65c 3 to 3½ ft ..... \$1.00  
2½ to 3 ft ..... 75c 3½ to 4 ft ..... 1.25

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### Sowbug Remedies.

ED. AMERICAN FLORIST:—

Our greenhouses are badly infested with sowbugs. Will you kindly inform us of the best remedy to employ to get rid of them without injury to the plants? We do not care to use Paris green on such an extensive scale as the case appears to demand.

SUBSCRIBER.

In the treatment of sowbugs poisoned baits are standard remedies. The great fondness of sowbugs for potatoes long ago led to these being used, poisoned either with Paris green or London purple. The potatoes are sliced and a thin covering of powder applied. Sprinkling the soil around an injured plant with Paris green, or dusting the same under boards and other haunts of the sowbugs is also very effective.

In addition to Paris green and London purple, arsenate of lead may be used. There is no danger from the use of any of these arsenicals, if they are not sprinkled or sprayed on the plants. A still cheaper substitute for Paris green is white arsenic, which is quite inexpensive; it is, however, dangerous to apply it to delicate plants. One or two tablespoonfuls of white arsenic to a bucketful of bran, sweetened with a quart of syrup or molasses and the mixture sprinkled about the beds will prove very effective in the control of these creatures.

If the sowbugs are injurious in a cultivated patch—after treating the ordinary haunts—it is best to keep the ground well broken and raked to prevent clodding and cracking, which gives them protection. Old boards, cans and rubbish should not be allowed to accumulate. Such precautions will tend greatly to prevent any great damage or annoyance. F. H. C.

HARTLAND, N. Y.—White Bros. have not sold their greenhouses here as has been reported, but have purchased property at Medina where they will erect a greenhouse establishment to be operated in conjunction with the plant here.



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Are most effective Window and Counter display in summer and early fall and sell at double the price because of their striking color and giant size.

Bulbs, all bloomers, \$18.00 to \$24.00 per 1000, according to size.

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S. A. Nutt ..... \$10.00 per 1000

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Delivery after Easter.

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# Nephrolepis Roosevelt



**N**EPHROLEPIS ROOSEVELT is a sport from Nephrolepis Bostoniensis, but a wonderful improvement over the parent variety and others of stiff, upright growing habit, known as Harrisii or the Harrisii type. It is a stronger maker of fronds and young plants than any other variety, and will produce a larger finished plant in a six-inch pot than Boston or Harrisii will produce in a larger size.

The finished fronds of Nephrolepis Roosevelt are at least a third wider than Boston and have more graceful drooping habit. The pinnae are distinctly undulated, giving them a beautiful wavy effect which attracts the eye instantly. Cut flower dealers will find fronds of Roosevelt invaluable for design work. A single plant of Roosevelt grown in a six-inch pot will when finished almost double the number of fronds produced by Boston or Harrisii type varieties, and while Boston and Harrisii show stiff, upright growth in a six-inch, the wide, wavy fronds of Roosevelt droop gracefully over the pot, hiding it completely from view. Finished three-inch plants of Roosevelt are equally large and more attractive than the average well-grown four-inch Boston, and growers of Harrisii and the Harrisii type admit they cannot produce attractive plants of these varieties in pots smaller than ten-inch. Without an exception, Nephrolepis Roosevelt is the most valuable fern ever offered for florists.

use. It has the vitality to withstand more rough treatment than other varieties and does not revert to the parent type. In our long experience we have never offered the trade any plant with greater assurance of entire satisfaction, and predict Nephrolepis Roosevelt will very soon lead in popular demand, sweeping from the list Boston, Harrisii and the Harrisii types. We are booking orders for delivery June 1st, 1911, and will fill them in strict rotation as to the date received. Get yours in early; you will not be disappointed in this fern. 2 1/2-inch pots, 40c each; \$3.50 per dozen; \$25.00 per 100; \$200.00 per 1000; 25 plants at 100 rate; 250 plants at 1000 rate.

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Aracaria Excelsa, 5-in. pots, 3-4 tiers, 50c; 6-in. pots, 75c.

Clematis, large flowering varieties, 2-year-old plants, \$3.00 per doz.; 1 year-old plants, \$2.00 per doz.

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Asparagus Sprengerii, strong, 3-in. pots, \$4.00 per 100; 2 1/2-in. pots, \$2.50 per 100; 2-in. pots, \$2.00 per 100.

Dracena Indivisa, 4-in. pots, 10c; 5-in. pots, 10c; 6-in. pots, 30c each.

Stock from 3-in. pots, \$4.00 per 100; Lemon Verbena; Moonvine, large flowering, the true variety; Fuchsias, 4 varieties; Echeveria Glauca; Salvia, Bonfire and Zurich; Variegated Geranium, Mrs. Parker; Geraniums, best commercial varieties; Swainsona Alba.

Stock from 2 1/2-in. pots, \$2.50 per 100; German Ivy; Impatiens, Sultani and Hols; Cupheas; Snapdragon, white; Fuchsias, 4 varieties; Variegated Vines; Lobelias, double and single blue; Ageratum, blue; Clematis Paniculata; Variegated Ice Plant; Hardy Finks, Napoleon III.; Adulon Savitzii; Nuts and Rose Geraniums.

Rooted Cuttings, from soil, \$1.00 per 100; Carnation, the Queen; German Ivy; Salvia, Bonfire and Zurich; Pileas, 2 varieties; Steria; Ageratum; Tradescantia; Ficus Repens; Lobelias, single and double; Santolina; Swainsona Alba; Verbenas, separate color.

Chrysanthemum Rooted Cuttings from soil: White Cloud, Pacific Supreme, Bailey, Golden Glow \$2.00 per 100.

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Magnifica, 2 1/2-inch 15c each.

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500 at 1000 rates. Cash with order.

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**GERANIUMS FOR EASTER.**

 In full bloom, 4-inch, \$7.00;  
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**PAUL RIETH & CO.,**

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**25,000 CANNAS**

To Close Out at Bargain Prices.

 Chas. Henderson, Penn. Capt. Dreyon,  
Duke of Marlborough, \$1.50 per 100;  
\$14.00 per 1000.

 Egandale, David Harum, \$2.00 per 100;  
\$18.00 per 1000.

 Rich. Wallace, \$1.00 and Buttercup,  
\$4.00 per 100.

 King Humbert, \$4.00 per 100; \$35.00  
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**CANNAS.**

 B. Beauty, \$2.50; David Harum, \$2.00;  
Marlborough, Austria, America, Italia,  
Egandale, Pennsylvania, \$1.50 per 100.

**Hydrangea P. G.**

 Per 100  
18 to 24 inches ..... \$7.00  
2 to 3 feet ..... 6.00  
3 feet ..... 7.00  
Tree shaped, 3 to 3 1/2 feet ..... 8.00  
3 to 4 feet ..... 10.00

**J. H. Dann & Son.,** Westfield, N. Y.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

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Annual meeting at Boston Mass., 1911.

TOMATO COMET is a good general crop variety under glass. It is trained to stakes.

EARLY WHITE CORY sweet corn of the large-eared type can be started in pots and planted out in warm soil when weather permits, thus gaining over two weeks' time on the crop.

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New York, March 31.—Mushrooms, 60 cents per pound; cucumbers, 20 cents each; lettuce, \$1 per dozen heads; tomatoes, 25 cents per pound; radishes, 50 cents per dozen bunches; asparagus, \$6 per dozen bunches; rhubarb, \$1 per dozen bunches; grapes, \$1.00 per pound; beans, 25 cents per quart; peas, 40 cents per quart.

Chicago, April 3.—Mushrooms, 30 cents per pound; cucumbers, \$1 to \$1.50 per box, small; lettuce, 15 cents to 16 cents per pound; radishes, 15 cents to 45 cents per dozen bunches; rhubarb, 10 cents to 20 cents per dozen bunches.

### Plant Notes.

The raising of vegetable plants for sale can be made quite a profitable side line to any florist business. If good plants are sent out, such trade becomes very regular and dependable, as a rule, good plant growers sell out easily each spring. We will give a few important pointers, such as we practice ourselves.

One of the greatest mistakes made is using over-rich earth in which to start the seeds. Nothing could be worse. The young seedlings should be compelled to form a good root system which they will never do in excessively rich earth. Then such soils are very much liable to produce damping off in dark weather. We prefer to use new soil each season, using a liberal proportion of sand, and only a moderate amount of old manure. Some of the very best composts we ever used were obtained in dry runs, digging up the deposits of floods. Next in importance is thin seeding. There are nearly always twice as many seed scattered as necessary, producing at best thin plants and often causing heavy losses by damping-off. Further we must have proper temperature. It is all wrong to start a cool-loving subject in a warm house, or a heat-loving plant in a cool house. Thus, lettuce, cabbage, cauliflower, celery and onions should be in a low temperature, while peppers, egg plants and tomatoes belong in warm quarters from the start.

Light is also to be considered, especially in hotbeds. There is no more trying time in hot beds than during a heavy snowfall, the light is reduced and the light blanket of snow increases the temperature in the bed, owing to accumulation of the heat, we make it a point to sweep off the snow several times a day on all plant beds to give all the light possible and also to re-

duce the temperature by the cooling effect of the fresh snow on the glass. During dark spells, low temperature must be obtained in order to reduce growth as much as possible. The practice of covering beds with shelter and mats during snowfalls, and leave closed several days, cannot be too severely condemned.

Moisture is as important as any; once up, the plant can get along with very little water, and any watering should be done in the morning on a light day to secure thorough drying off before night. Evaporation in hot beds is very low at this season, and one will find that the beds will absorb moisture over night; further, one sunny day is often followed by a week of dark weather, hence use water sparingly.

MARKETMAN.

### Soil for Tomatoes.

#### EDITOR AMERICAN FLORIST:

Will you kindly inform us which would be the better of two kinds of soil for tomato culture: one taken from sub-irrigated land that is black, and the other from a hill that is sandy and very light? How should the soil be prepared? Is it better to plant tomatoes in well-manured soil or in light soil and give them fertilizer when the roots are all through the benches?

State of Washington. SUBSCRIBER.

In our opinion no better soil could be prepared than what is known as a good rose soil for greenhouse benches. This kind and its preparation has so often been described that the very mention of the term rose-soil brings to mind the decayed sod and cow manure. However, while tomatoes do splendidly in a rose soil, they are not as particular as the rose by any means, and any good soil can be made to grow good tomatoes. Very often it is more the man than the soil. The value of any soil depends upon its humus content. This humus may be decayed sod

or old manure. Any soil lacking in humus is unfit for greenhouse use. The best results are generally obtained from a soil of good heart by which we mean a clay loam, well balanced with humus. The color of such soil varies greatly, so much so, that it has little to do with its desirability.

Tomatoes being gross feeders, should have rich earth from the start, always controlling growth by regulating the moisture supply. The tomato is a plant that is better off without any syringing, hosing or over head watering of any kind, and the supply at the root should be governed by the growth made, always aiming for a sturdy short jointed growth. After tomatoes set fruit, we mulch with manure, to which is added a liberal amount of bone meal, or an application of one-half hard wood ashes and one-half bone meal may be worked into the soil lightly and afterwards the manure mulch put on. To sum up, if we had subscribers choice of black bottom soil and sandy hill soil that is very light, we would most likely mix the two in equal parts and then add at least one-quarter of old manure and a sprinkling of bone meal to begin with and feed and watch as above as soon as the fruit shows. Too much importance cannot be placed upon the young plants. If they are starved for room or food, or checked by low temperatures, or weakened by excessive water, no amount of later attention will correct the damage. The road to success in tomatoes, as with any other crop, is liberal treatment from start to finish, always bearing in mind that they can hardly be overfed on benches if in good thrift, and provided that manure is balanced by additions of potash and phosphate in the shape of ashes and bone.

MARKETMAN.



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### Pure Culture Mushroom Spawns

Substitution of cheaper grades in bus easily exposed. Fresh sample rich, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawnc Co., St. Paul, Minn.

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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettucens, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Narcissus, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT FANSIES**, (mixed), the most perfect and most beautiful in the world. \$5.00 per oz., \$1.50 per 1/4-oz., 75c per 1-16-oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

## WILDPRET BROS.

LARGE GROWERS AND EXPORTERS OF

## BERMUDA ONION SEEDS

Highest Germination, Moderate Prices, Early Delivery

Let us book your order at once to secure a full supply.

Port Orotava, Teneriffe, Canary Islands.

# A Few Good Things We have for Leaders

## Burbank's Othello Plum

|               | Each   | Doz.  |
|---------------|--------|-------|
| 2-3 ft. ....  | \$0 35 | 3 60  |
| 2½-3 ft. .... | 0 45   | 5 00  |
| 3-4 ft. ....  | 0 60   | 6 00  |
| 4-5 ft. ....  | 0 75   | 8 00  |
| 5-6 ft. ....  | 1 00   | 10 00 |

## AMPELOPSIS VEITCHII

|                        | Each   | Doz.   | 100     |
|------------------------|--------|--------|---------|
| 2-year-old plants .... | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants .... | 20     | 2 00   | 15 00   |

## Ampelopsis Engelmani

|                        | Each | Doz.   | 100     |
|------------------------|------|--------|---------|
| 3-year-old plants .... | 25   | \$2 40 | \$15 00 |
| 4-year-old plants .... | 30   | 3 00   | 20 00   |

## Amoor River Privet

|                | Doz.   | 100    | 1000    |
|----------------|--------|--------|---------|
| 12-18 in. .... | \$0 85 | \$3 50 | \$25 00 |
| 18-24 in. .... | 1 00   | 4 50   | 35 00   |
| 24-30 in. .... | 1 50   | 6 00   | 50 00   |

## Clematis—Large Flowering

|                      | 2 yr. each | \$0 30; doz.         | \$3 00; per 100 | \$20 00 |
|----------------------|------------|----------------------|-----------------|---------|
| 3 yr. each           | 40; doz.   | 3 60; per 100        | 28 00           |         |
| Beauty of Worcester, |            | Miss Boleman,        |                 |         |
| Gypsy Queen,         |            | Nellie Moser,        |                 |         |
| Henryii,             |            | Sieboldi,            |                 |         |
| Jackmanni,           |            | Ville de Lyon,       |                 |         |
|                      |            | Mme. Baron Veillard, |                 |         |

## Spiraea Van Houttei

|                      | Each   | Doz.   | 100    |
|----------------------|--------|--------|--------|
| 1-2 ft. ....         | \$0 10 | \$0 85 | \$5 00 |
| 2-3 ft. ....         | 0 15   | 1 50   | 10 00  |
| 2-3 ft. strong ..... | 0 20   | 1 80   | 12 00  |
| 3 ft. ....           | 0 20   | 2 00   | 15 00  |
| 4 ft. ....           | 0 25   | 2 50   | 20 00  |

## Clematis Paniculata

|                              | Each   | Doz.   | 100   |
|------------------------------|--------|--------|-------|
| Seedlings from flats ....    | \$0 50 | \$2 50 |       |
| 1 yr. old from 2-in. pots .. | 60     | 4 00   |       |
| 2 yr. old clumps .....       | 15     | 1 50   | 10 00 |
| 3 yr. old clumps .....       | 20     | 2 00   | 15 00 |
| 4 yr. old clumps .....       | 35     | 3 60   | 25 00 |

# ROSES

## Extra Choice Field-Grown Stock.

Each, 20c; dozen, \$1.75; per 100, \$14.00.

|                       |                  |                  |
|-----------------------|------------------|------------------|
| Alfred Colomb.        | General Jack.    | M. P. Wilder.    |
| Baroness Rothschild.  | John Hopper.     | Mrs. John Laing. |
| Crimson Baby Rambler. | Maria Chant.     | Persian Yellow.  |
| Fisher Holmes.        | Marie Bauman.    | Prince de Rohan. |
|                       | Mme. G. Luzelet. | Ulrich Brunner.  |

|                             | Each   | Doz.    | Per 100 |
|-----------------------------|--------|---------|---------|
| American Pillar .....       | \$0 35 | \$3 50  |         |
| Baby Rambler, 2 yr. ....    | 2 00   | \$14 00 |         |
| 3 yr. ....                  | 2 50   | 16 00   |         |
| Blue Rambler .....          | 35     | 3 50    | 27 50   |
| Climbing Baby Rambler       | 75     | 8 00    |         |
| Crimson Rambler, 2 yr. .... | 2 00   | 15 00   |         |
| 3 yr. ....                  | 2 50   | 18 00   |         |

|                        | Each   | Doz.   | Per 100 |
|------------------------|--------|--------|---------|
| Dorothy Perkins .....  | \$0 25 | \$2 00 | \$15 00 |
| Hiawatha .....         | 50     | 5 50   | 40 00   |
| Jessie .....           | 2 50   | 18 00  |         |
| Kaiserin Aug. Victoria | 2 50   | 18 00  |         |
| Killarney .....        | 25     | 2 50   | 20 00   |
| Lady Gay .....         | 25     | 2 50   | 20 00   |

Each, 25c; dozen, \$2.00; per 100, \$15.00.

|                     |                     |                         |
|---------------------|---------------------|-------------------------|
| American Beauty.    | General Washington. | Mrs. R. G. S. Crawford. |
| Crimson Rambler.    | Giant of Battles.   | Paul Neyron.            |
| Dorothy Perkins.    | Grass au Tuitz.     | Philadelphia Rambler.   |
| Farben Konigen.     | Lady Ashdown.       | Rugosa Alba.            |
| Frau Karl Druschki. | La France.          | Rugosa Rubra.           |

|                       | Each   | Doz.   | Per 100 |
|-----------------------|--------|--------|---------|
| Lyon .....            | \$0 50 | \$5 50 |         |
| Phyllis .....         | 35     | 3 00   | 22 00   |
| Soleil d'Or .....     | 25     | 2 50   | 20 00   |
| Tausendschon .....    | 35     | 3 00   | 20 00   |
| Velchenblau .....     | 35     | 3 50   | 27 50   |
| White Dorothy Perkins | 25     | 2 50   | 20 00   |

Unless noted, all the above varieties are 2 year dormant stock, budded. Besides the above, we can supply pot-grown stock of all the **Novelties** and **Standard Varieties**. Write for prices.

On all orders for Dormant Roses, Vines, Shrubs and Trees, packing will be charged at cost.

ASK FOR OUR SPRING BOOK FOR FLORISTS.

# Vaughan's Seed Store, 31 W. Randolph St., CHICAGO. 25 Barclay St., NEW YORK.

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

## A GRAND NEW CARNATION

# Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909.

It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best. Flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000 \$100.00; per 5,000 \$400.00. 25 at 100 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin  
Mention the American Florist when writing

# ROSES

## A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.

# 1000 My Maryland Roses

2½ in. pots, very strong and healthy.  
Will make good 4 in. by planting time.

250 KAISERIN, 2½ in., very strong and healthy.  
\$35.00 per 1000.

STUPPY FLORAL CO., St. Joseph, Mo.

# ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateauf, Golden Gate,

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2½-inch pots.

Send for circular.

J. L. DILLON, Bloomsburg, Pa.

Mention the American Florist when writing

# ROSES

See our list in classified columns. Best varieties and best quality. Order today. Stock will be reserved.

Wagner Park Conservatories, Sidney, O.

# SPIREAS

Fine Forcing Clumps

|                       |         |         |
|-----------------------|---------|---------|
| Gladstone .....       | \$ 9 00 | per 100 |
| Queen Alexandra ..... | 12 00   | per 100 |

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

# ROSES

|                                          | 2½ in. | 100     | 1000 |
|------------------------------------------|--------|---------|------|
| Pink Killarney .....                     | \$6 00 | \$55 00 |      |
| White Killarney .....                    | 6 00   | 55 00   |      |
| Maryland .....                           | 5 50   | 50 00   |      |
| Richmond .....                           | 5 00   | 45 00   |      |
| Perles, Ready April .....                | 5 50   | 50 00   |      |
| Richmond, Now ready                      |        |         |      |
| 3½-inch .....                            | 8 00   | 65 00   |      |
| Cut back bunched Pink Killarney, \$60.00 |        |         |      |
| per 1000; good strong stock.             |        |         |      |

POEHLMANN BROS. CO.,

Morton Grove, Ill.

Mention the American Florist when writing



## The Nursery Trade

### American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shegandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

SPRINGFIELD, MASS.—Theodore R. Dallett has opened a flower store in the Marble block.

PASADENA, CALIF.—Manager Stenger of the Altadena nurseries has purchased four lots on Lake avenue and is moving to the new location.

### European Horticulture.

#### FROM THE FRENCH TRADE PAPERS

The Anchusas and their Culture.—The Borage family is distinguished for furnishing flowers most nearly approaching in color to the azure of the sky. Among the thirty known varieties of anchusa those cultivated in our gardens, too rarely, are comprised in the following list: *Anchusa Barbellieri* (Southern Europe), perennial growing about 18 to 24 inches high, leaves lanceolate, stalks terminating in May in paniculate clusters of blue flowers, with yellow throat and tube.—*Anchusa capensis*, annual or biennial if well protected; 20 inches high and at least as broad; leaves lanceolate, rough and hairy, the stems terminating from May to July in racemes of a fine ultramarine blue, with white eye. A variety, *atrocoerulea*, has flowers of very dark ultramarine.—*Anchusa Italica*, three to 4½ ft. high, leaves rough and lanceolate; blooms from May to August in loose terminal clusters of star-like flowers of an intense blue; its newer varieties are—*A. Italica Dropmore*, may reach four ft. in height; blooms in June and July, flowers a pure gentian blue; a superb plant which cannot be too highly recommended.—*A. Italica Opal*, pretty variety with flowers paler than those of *Dropmore*.—*A. Italica Perry*, similar, but flowers very dark blue.—*Anchusa sempervirens*, 15 to 20 inches; broadly oval leaves; small bright blue flowers in axillary clusters in May and June. *Anchusa* are grown from seed by preference, though *Italica* may be multiplied by division; not hardy without protection, but will repay the care given them.

Three New Roses of Souperet and Notting—Hugo Maweroff Climbing (Crimson Rambler X Mrs. W. H. Cutbush) color warm carmine; flower small, very regular, in erect well filled clusters, free of bloom and very attractive.—Manuel O. Azavedo—Hybrid tea, (Etoile de France X Ulrich Brunner). Color fresh cerise red, vigorous upright bush; flower very large, perfect, double, lasting, heads, bud long and fine. This novelty combines the form and vigor of Ulrich Brunner with the abundant bloom of Etoile de France, and its color is the intermediary note between the parents. Out of doors it blooms early and late, and for forcing its long stiff stem and lasting qualities commend it highly.—Souvenir d'Antonio Peluffo—Tea. (Manie Souperet X Mme. Constant Souperet). Color light transparent yellow washed with soft pink on the edges. Flowers extremely large, double, iridescent in form, opening well, buds long and elegant; plant of good vigor, foliage decorative.

*Inulas floribunda purpurea*.—Under this name Barber and Co. are introducing a new ornamental apple, the reddest of all red-leaved malus. The flowers are very abundant and of a bright red crimson or corse, large and single; buds are blood red; the foliage is a deep purple bronze in

## CLOSING - OUT SALE OF

# Ornamental Nursery Stock

Of the late Samuel C. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready.

ADDRESS

## "MORRISVILLE NURSERIES"

WM. H. McCLOSSY, Former Supt., Agent.

MORRISVILLE, PA.

# Ligustrum Ibota

The Privet Hedge. That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.



## Arbor Vitæ

(*Thuja Occidentalis*.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

Mention the American Florist when writing

the young state passing to dark bronze green; under the bark the wood is blood red and rosy in the heart. The fruits, produced in clusters of two to five, are very decorative, deep red, passing to scarlet in the autumn, resembling those of *Prunus pissardi*. Vigorous, free, early flowering, it should be very useful for forcing.

*Spiraea Aruncus*, or Goat's-Beard, has been neglected in gardens for some years, but for beauty and hardiness it is not easily surpassed; the fern-like foliage, long spikes of white so freely produced in June, are most decorative. It is as a solitary plant, like the peony, that it shows to best advantage; it likes a cool soil, rich in humus, a north slope, a water-side or an opening among the trees, and here it develops into a stately plant, decorative in the landscape and furnishing charming sprays for bouquets.

*Begonia Concurrent*.—Is claimed as the best of the hybrids of *Gloire de Lorraine*; brighter and more abundant foliage than the mother plant, and of such vigor that it does not require support; large umbels of salmon pink flowers of unusual size, produced all winter.

STAFFORD SPRINGS, CONN.—Clarence Metzger, manager of the Mt. Carmel Forest and Nursery Co. of Mt. Carmel, gave a short talk upon the care of trees, especially with regard to the elm beetle, before the Progressive Federation on March 22.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

## Jacs Smits & Co., NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangeas P. O., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

Price List Free on Demand.

## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa

CLEVELAND, O.—The city park department, as a part of and incentive for the observance of Arbor day, have on sale at low prices eleven different popular shrubs for the people to purchase and plant out.

# SEASONABLE STOCK



Weeping Mulberry.

## For Seedling Perennials

See Ready Reference Hardy Plants.

## EASTER PLANTS

|                                      |                 |
|--------------------------------------|-----------------|
| Spirea, Queen Alexandra, pink, 6 in. | \$6.00 per doz. |
| Gladstone, white, 6 in.              | 6.00 per doz.   |
| Rambles, white, 4 in.                | 3.00 per doz.   |
| 5 in.                                | 4.00 per doz.   |

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| Rhododendrons, in bud, for Decoration Day forcing. | 1.00 each                     |
| Lilacs, 8 in. pots, white and lavender, in bloom.  | 1.50 each                     |
| Lilies, in pots.                                   | 12c per flower, buds included |

## THE GEO. WITTBOLD CO.'S

Edgebrook Greenhouses and Nurseries,

Edgebrook, Chicago, Ill.

### 500,000 California Privet FOR FALL OF 1910.

A fine stock of 1 and 2 year plants from 12 inches to 4 feet, will satisfy all in grade and price. Special low prices in car lots for Fall delivery; let me know your wants before purchasing.

Also a fine stock of **AMPELOPSIS** Vetchill, 2 years transplanted.

CHAS. BLACK, Hightstown, N. J.

### DAHLIA ROOTS

**Whole Field Clumps**, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.

**Canna Roots**, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. &amp; SONS CO., White Marsh, Md.

ASK CHARLES C.

**NASH** Kalamazoo,  
Mich.

FOR ORNAMENTAL

### SHRUBS

WHY?

### Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 South Dearborn St., CHICAGO.

## TREES

|                                                                                                      |             |
|------------------------------------------------------------------------------------------------------|-------------|
| <b>Morus Pendula</b> (Weeping Mulberry), 3 yr., heads 5 ft. high, stems 1¼ to 1½ in.                 | Each \$1.25 |
| <b>Cherry</b> , Early Richmond and Dyebush, 1 to 1¼ in. stem 6 to 8 ft.                              | 50          |
| <b>Acer Negundo</b> (Box Elder), 2 to 2½ in. stems, 8 to 10 ft.                                      | 1.00        |
| <b>Salix Americana</b> (American Weeping Willow), 1¼ to 1½ in. stems 7 to 8 ft., nice heads.         | 1.25        |
| <b>Ulmus Montana Pendula</b> (Camperdown Weeping Elm), 2½ to 3 in. stems, 10 to 12 ft., 3-yr. heads. | 25          |
| <b>Populus Monilifera</b> (Carolina Poplar), 2 to 2½ in.                                             | 75          |

## SHRUBS

|                                                                             |             |
|-----------------------------------------------------------------------------|-------------|
| <b>Cornus Siberica</b> (Dogwood), 3½ to 4 ft., bushy                        | Each \$0.25 |
| <b>Spirea Sorbifolia</b> (Ninebark Spirea), 2½ to 3 ft.                     | 20          |
| <b>Thunbergii</b> , 2½ to 3 ft.                                             | 25          |
| <b>Symphoricarpos Racemosus</b> (Snowberry or Warberry), 4 to 5 ft., bushy  | 35          |
| <b>Symphoricarpos Vulgaris</b> (Indian Currant or Coral Berry), 2½ to 3 ft. | 20          |

## PERENNIALS

Field-grown, Strong Divisions, \$1.00 per doz.; \$8.00 per 100.

|                                                                |  |
|----------------------------------------------------------------|--|
| <b>Achillea</b> (The Pearl).                                   |  |
| <b>Millet Plum Roseum</b> (Red Yarrow Rose).                   |  |
| <b>Boltonia asteroides</b> (False Chamomile).                  |  |
| <b>Chrysanthemum Uliginosum</b> (Great Ox Eye or Giant Daisy). |  |
| <b>Iris</b> , Japan, in assortment.                            |  |
| <b>German</b> in assortment.                                   |  |
| <b>Lychnis haledonica</b> (Lamp Flower).                       |  |
| <b>Monarda Didyma</b> , red (Oswego Tea or Bee Balm).          |  |
| <b>purple</b> (Hoarse Mint).                                   |  |
| <b>Yucca Filamentosa</b> (Adam's Needle or Spanish Bayonet).   |  |
| <b>Dianthus</b> , or Garden Pink                               |  |
| <b>Ranunculus Acris</b> Fl. Pl. (Yellow Bachelor Button).      |  |

# Seasonable Stock

## FOR FLORISTS

### Roses

|                                                                                                                                                                                     |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Crimson Rambler</b> , Dorothy Perkins, Lady Gay, Philadelphia, Hiawatha Trier, fine forcing grade.                                                                               | \$12.00 per 100 |
| <b>Baby Rambler</b> , crimson and white 15.00 per 100                                                                                                                               |                 |
| <b>Frau Karl Druschki</b> Gruss an Teplitz, La France, Alfred Colomb, Gen Jacqueminot, Magna Charta, Margaret Dickson, Marshall P. Wilder, Paul Neyron Persian Yellow, for potting. | \$12.00 per 100 |

|                                                             |                 |
|-------------------------------------------------------------|-----------------|
| <b>Standard Roses</b> , fine assortment.                    | \$35.00 per 100 |
| <b>Half-Standard Roses</b> , Baby Rambler and Mrs. Cutbush. | \$35.00 per 100 |

### California Privet

|                                |                  |
|--------------------------------|------------------|
| Two years, transplanted bushy. |                  |
| 3 to 4 feet.                   | \$30.00 per 1000 |
| 2 to 3 feet.                   | 25.00 per 1000   |
| 18 to 24 inches.               | 20.00 per 1000   |
| 12 to 18 inches.               | 17.50 per 1000   |

### Tree Hydrangeas, Tree Altheas, Tree Lilacs

|                                                                          |                 |
|--------------------------------------------------------------------------|-----------------|
| 4 to 5 feet, fine well branched tops on straight stems, named varieties. | \$25.00 per 100 |
|--------------------------------------------------------------------------|-----------------|

### Berberis Thunbergii.

|                     |                 |
|---------------------|-----------------|
| 2 to 3 feet, bushy. | \$12.00 per 100 |
|---------------------|-----------------|

And Lots of Other Attractive Offers  
in our new price list. Send for copy.

And use printed letterhead, please, as we sell to the trade only.

## JACKSON & PERKINS CO.

NEWARK, Wayne County, NEW YORK



# Extra Choice Grafted Rose Plants

Pink and White Killarney, Richmond and Maryland

In 2½-in pots ready for delivery April 15th

**\$12.00 per 100**

These young plants are taken only from selected wood of our strongest stock.

**Kaiserin, own root, 2 1-2 in. \$4.00 per 100; \$35.00 per 1000.**

## Bassett & Washburn,

OFFICE: 131 N. Wabash Ave., Chicago, Ill.  
GREENHOUSES: Hinsdale, Ill.

### Some Easter Plants on Long Island.

H. D. Darlington, of Flushing, makes a specialty of heather and other novelties for high-class trade. He has for years made a study of their requirements and by his skill as a grower and the climatic conditions of this section, which are favorable to this class of plants, has made a success of this branch of the business. One of his specialties is Erica cypripedium, which is the leader for Easter, its lovely pink blossoms are produced in great profusion. It is beautiful at all stages, the three inch pot plants being a cloud of blossoms, and very valuable for basket work or low table decorations. Although the stock is much larger this year than ever before, orders have been turned down for thousands, as everyone who sees it is captivated with its beauty and possibility as a seller. The heather has probably the smallest beginning of all stock that is propagated by cuttings, as the merest mites of branches, some less than half an inch in length, are seen in the sand coming on for next season. Boronias are another of his specialties, a large house being filled with this graceful plant, looking just right for Easter. Genistas are well grown, a specialty being the standard shape, a round head and tall stem. Mr. Darlington is progressive and always on the lookout for new varieties of heather and hard wooded plants. He has grown acacias wonderfully well. He is fast adopting the cement table, one erected the past season is a very complete piece of work. The legs were cast first, being made with a sort of step shoulder or top so that the cross supports would have a better hold. These posts were set in concrete in holes in the ground, care being taken to have them plumb and in perfect alignment. When firmly set the frame work for the table, sides and bottom was put in place, and the wires for reinforcing stretched, and the rest was easy. By using old boards the cost of the materials is not nearly that of new lumber, except that it takes more labor, but when once done it is permanent, and Mr. Darlington says is without doubt the bench of the future.

Louis Dupuy's establishment at Whitestone is always a place of interest at the holiday season, and especially at Easter, when there is such a wealth of bloom in the many high colored pink and blue hydrangeas. The new variety, Avalanche, a fine white of decided merit, a much better sort than the well-known Thomas Hogg, is seen here in quantity, and is quite distinct. A collection of the new French seedlings of a variety of colors are very promising; the plants were young with only one head of bloom. There were shades of blue, white and pink, and one with a decided yellow cast. The individual flowers of some sorts were serrated and of others they were very large, one measured two and one-half inches in diameter. Mr. Du-

## Seasonable Stock

**Azalea Mollis**, bushy seedlings, 12 1/2 in., \$25.00 per 100; 15 1/2 in., \$35.00 per 100.

**Rhododendrons**, best named varieties, 18 1/2 in., \$75.00; 24 30 in., \$100.00 per 100. Bushy seedlings, 18 1/2 in., \$60.00; 24 30 in., \$75.00 per 100.

**Roses**, Baby Dorothy, White Baby Rambler and Clothilde Souper, one year, field grown plants, cut back and grown cool in 3 and 4 in. pots all winter, now in full growth, fine stock \$ 0.00 per 100.

**Nephrolepis Scholzei**, strong 5 in., \$5.00 per dozen; \$35.00 per 100.

**Nephrolepis Bostoniensis**, fine 2 1/2 in. stock, \$4.00 per 100.

**Nephrolepis Scottii**, strong 4 in., \$25.00 per 100.

Send for Catalog No. 5 if you have not received it.

**THE STORRS & HARRISON CO., Painesville, O.**

Mention the American Florist when writing

puy said that Avalanche is very hardy and will be a good variety to cut from out of doors. Rambler roses are done well here, as are lilacs in pots. Giganteum lilies were wonderfully fine being of good height and very well budded. Heather is also a feature and very fine plants are seen. Several houses of gardenias for cutting are wonderful in their luxuriance of foliage. Mr. Dupuy is a past master in handling this plant, always having a quantity when there is good demand.

Pankok & Schumacher at Whitestone are celebrated growers, and their Rambler roses are certainly in the first class. They are exceptionally fine, particularly the Dorothy Perkins, and large specimen Crimson Ramblers. Tausendschon is also grown largely, and is very well done. Standard hydrangeas are a novelty, and as seen here are largely in demand. A large bushy head with a number of blooms on a stem about three feet above the pot make a tree hydrangea that would immediately attract attention in a group of plants.

K.

### Publicity for the Florists.

There is one method of "Publicity for the Florist" that might be used in many instances, and where it is reasonably well done, I believe that it will result in good for the trade in general and the local florist in particular. I refer to a "Floral Department" in one of the leading local newspapers. This department to be conducted by the local florist. Generally the most practical plan would be to have the feature in the Sunday edition, if in a morning paper, or in the Saturday edition, if in an evening paper. In any event, it should be in whichever is the special feature edition of the paper which is used.

Now I will state that it is some work all right, and must be done carefully and judiciously. But where the florist

## Asp. Plumosus Nanus

GREENHOUSE GROWN

## SEED

A delayed Crop has just come in; while the seed lasts we quote, prepaid.

2,000 seeds \$ 7.50  
10,000 seeds 33.00

**VAUGHAN'S SEED STORE,**  
CHICAGO NEW YORK

Mention the American Florist when writing

can give it the attention and thought required, and has the ability to make his articles readable, I am sure that it will be found worth while. The department can be conducted on the "Question and answer" plan, with an article each week, if possible, along some line that is seasonable. These articles can be educational in character, and at the same time their seasonableness and local character will give them added force and interest. One will need to watch that the personal advertising element does not creep in and destroy the force of the articles, or prejudice the reader, or give the publishers of the paper grounds for dissatisfaction. I think in many cases the publishers of the paper will be willing to pay for this at the rate which they allow for news, and possibly more. In addition, the name of the florist who conducts the department can appear under the heading, and that will generally be of at least some compensating value.

All of the foregoing is based on my personal experience on this line, and I can recommend the plan wherever it can be carried out.

PUBLICITY.

# Bobbink & Atkins

## World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250-acre nursery a large variety of material constantly in demand by florists.

Our New Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES

**Palms, Bay Trees, Ferns, Boxwood and Hardy Herbaceous Plants, Evergreens, Conifers and Pines, Flowering Shrubs and Fruit Trees, Roses, Rhododendrons and Trees, Vines and Climbers, Bulbs and Roots.**

We manufacture **TUBS** in every shape and size for florists. Ask for special list.

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Gladiolus "1000" color, rich red, 2nd size bulbs, 1¼ to 1½-in., \$7 per 1,000; 3rd size bulbs, 1 to 1¼-in., \$5 per 1,000. Thomas J. Overlin, Sinking Spring, Pa.

Bulbs, hycinthus, tulips, narcissus, crocus, Spireas, gladiolus, peonies, etc. Van Zanted Bros., Hillegom, Holland.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Calla Elliottiana, large size, \$20 per 100; 2nd size, \$15. Leedham Bulb Co., Santa Cruz, Calif.

Bulbs, lily, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Bulbs, W. J. Eldering & Son, Overveen, Haarlem, Holland.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. Arthur T. Boddington, 342 W. 14th St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

## CANNAS.

Cannas, Henderson, Penn., Dreydon, Duke of Marlborough, \$1.50 per 100; \$14 per 1,000. Escudale, D. Harum, \$2 per 100; \$18 per 1,000. Rob. Wallace, \$4 per 100; Buttercup, \$4. King Humbert, \$4 per 100; \$35 per 1,000. W. W. Coles, Kokomo, Ind.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mite, Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Moshek Greenhouse Co., Onarga, Ill.

Cannas, B. Beauty, \$2.50, D. Harum, \$2. Marlborough, Austria, America, Italia, Espanale, Penn., \$1.50 per 100. J. H. Damm & Son, Westfield, N. Y.

Cannas, dry roots, David Harum, \$2.50 per 100. GEO. WITTOLD CO., Edgebrook, Chicago.

Canna roots, Pennsylvania, \$25 per 1,000. Neff's 20th Century red, \$5 per 100. Strictly cash. Neff National Floral Co., Belvue, Pa.

Cannas. Sec. Chabanne, Cinnabar M. Berat, \$1.75 per 100. Mrs. Kate Gray, \$2. Robuste and mixed (all good sorts), \$1. Wagner Park Conservatories, Sidney, O.

Cannas, 10 vars., \$4 per 100. King Humbert, 3½-in., \$6. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

Carnations, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

ROOTED CARNATION CUTTINGS.

|                  | Per 100 | Per 1,000 |
|------------------|---------|-----------|
| Washington       | \$10.00 | \$75.00   |
| Sangamo          | 00.00   | 50.00     |
| Mary Tolman      | 00.00   | 50.00     |
| May Day          | 3.00    | 25.00     |
| Beacon           | 3.00    | 25.00     |
| White Perfection | 2.50    | 20.00     |
| Enchantress      | 2.50    | 20.00     |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



## ROOTED CARNATION CUTTINGS.

|                                    |         |          |
|------------------------------------|---------|----------|
| March 15 Delivery.                 | 100     | 1000     |
| Washington, cerise, a sport from   |         |          |
| Enchantress                        | \$10.00 | \$ 75.00 |
| Princess Charming, beautiful flesh |         |          |
| pink                               | 12.00   | 100.00   |
| Sanguine, brilliant                | 6.00    | 50.00    |
| May Colman, deep flesh.            | 6.00    | 50.00    |
| Scarlet Glow                       | 6.00    | 50.00    |
| J. Whitcomb Riley, yellow.         | 6.00    | 50.00    |
| Shasta, white                      | 6.00    | 50.00    |
| May Day, flesh pink.               | 3.00    | 25.00    |
| Enchantress                        | 3.00    | 25.00    |
| Alvina, cerise                     | 3.00    | 25.00    |
| White Enchantress                  | 3.00    | 25.00    |
| Victory                            | 3.00    | 25.00    |

## CHICAGO CARNATION CO., Chicago.

Carnations, Dorothy Gordon, plants from 2 1/2-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C. \$1 per 100. Elbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2 1/2-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dörner & Son Co., La Fayette, Ind.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

Carnation Dorothy Gordon, R. C. \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. A. M. Herr, Lancaster, Pa.

Carnations. Wood Bros., Fishkill, N. Y.

## HARDY CARNATIONS.

The new hardy ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live out in the garden during the winter. We have pleasure in offering this new plant, as it will fill the bill. It is absolutely hardy, standing even the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By putting up in the fall you can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. You know of the florists who do not offer to their patrons that will give as much satisfaction as the Hardy CARNATION CRIMSON KING. Per dozen, \$1.25; per 100, \$8, per 1,000, \$75. 25 plants sold at 100 rates; 250 plants at 1,000 rates. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE Co., The Largest Rose Growers in the world, Springfield, Ohio.

## CHRYSANTHEMUMS.

CHRYSANTHEMUMS: rooted cuttings, \$1.50 per 100; 2-in., \$3 per 100 of the following varieties: White and Pink Garza, Buckbee, Enguehard, Bonafant, Golden Glow, The Eaton Pacific Supreme, THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Chrysanthemum from 2-in. pots, Golden Paper-Weir, 6c; Pros. Taffy, 6c; 1-in. hawkeye, 3 1/2c; Oct. Jeanne, 5c; Nolin, 5c; Elisha glow, 5c; Major Bonafant, 3c. J. L. Schiller, Toledo, O.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Glory of Pacific, 2 1/2-in., 2c; Dr. Enguehard and Beatrice May, 3-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

Chrysanthemums, the best leading varieties, \$1.50 per 100; \$15 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis Paniclea Grandiflora, strong one-year field-grown, \$8.50 per 100; \$80 per 1,000. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE Co., The Largest Rose Growers in the world, Springfield, Ohio.

Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$10 per doz.; 1-year, \$2. C. Eisele, Philadelphia.

## COBEAS.

Cobea Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO. Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, Standard varieties including Golden Bedder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000. 2 1/2-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffeltii, Queen Victoria, Firebrand, Lyons, Hero, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, yellow, red and variegated, 2-in., heavy, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Coleus, Golden Bedder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill & Co., Richmond, Ind.

Coleus, G. Bedder and Verschaffeltii, \$6 per 1,000. A. M. Herr, Lancaster, Pa.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

Crotons, 2-in., \$1 per doz.; 3-in., \$1.75; 3 1/2-in., \$2; 4-in., \$3. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

## CYCLAMENS.

Cyclamen, transplanted seedlings, extra strong, 4 to 5 leaves, best strain in existence, 10 different varieties, ready to pot, \$2.50 per 100; \$22.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, transplanted seedlings. Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 2 1/2c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias, hollyhocks, gladioli, etc. plants sold at 100 rates. W. W. Willmore, Box 352, Denver, Colo.

## DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

## DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Horrell, N. Y.

Dracena indivisa, extra strong, 2 1/2-in., one-year-old, \$3 per 100; \$25 per 1,000. Cash. Henry Daut, Decatur, Ill.

Dracenas. For varieties and prices see advertisement elsewhere in this issue. Wettlin Floral Co., 737 Buckingham Pl., Chicago.

Dracena Bruntii, 6-in., 40c to 50c. G. Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia.

Dracena indivisa, 2 1/2-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

## EASTER PLANTS.

Easter plants, lilies, per 100 flowers, \$12. Azalea Van der Cruysen, 75c to \$2.50 each. Baby Rambler roses, 4-in., \$3 per doz.; 5-in., \$4 per doz. 3-in., \$2.50 per doz. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Easter plants, 3-in., \$1.50 per 100. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Ferns. Whitman and Bostons for the store man. We have all sizes from 4-in. to 10-in. pots that will make fine plants for Easter decorations. \$1.50 in 3, 4, 5 and 6-inch. Geo. A. Kuhl, Pekin, Ill.

Ferns. Heavy plants, Boston, 4-in., \$15 per 100. Pierson, Elegantissima, Barrows, 4-in., \$14 per 100. Wagner Park Conservatories, Sidney, O.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns. Fine stock from 2 1/2-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern) NEW. See display advertisement March 25th issue, page 428 of American Florist. The grandest of all ferns. We book your order now for June 1st delivery, \$3.50 per dozen; \$25 per 100; \$200 per 1,000. Nephrolepis Bostoniensis (The Boston fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallifoliae Forsteri (The Fish tail fern), \$4 per 100. Nephrolepis Gleditsii (The Baby's breath fern), as proved Amerphill, \$1 per doz.; \$7 per 100. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springensis (The Spring fern), upright fern for vars, \$3.50 per 100; \$30 per 1,000. Nephrolepis Superbusina (The Purple Ruffles fern), \$4 per 100; \$30 per 1,000. Nephrolepis Whitmanii (The Plumbe fern), \$3.50 per 100. Nephrolepis Harrisii (The Harris fern), a sport from Boston of stiff upright growing habit, \$4 per 100; \$30 per 1,000. For larger size ferns write for prices. Our new trade list of everything you need now ready, mailed on application.

THE GOOD & REESE Co., The Largest Rose Growers in the world, Springfield, Ohio.

Ferns, Scottii, 2 1/2-in., 4c. Boston, Pierson, Scottii, 3-in., 8c. Elegantissima and Whitmanii, 2 1/2-in., 3c. N. E. W. 2-in., 2 1/2c. 12-in., 5c; 2-in., 5c; 10-in., \$1; 12-in., \$1.50. Mosbach Greenhouse Co., Onarga, Ill.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitmanii, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Boston ferns, 2 1/2-in., \$5 per 100. Nephrolepis Elegantissima, 2 1/2-in., \$5 per 100. Good strong healthy plants, \$1. M. Cochrane, 548 W. 119th St., Chicago, Ill.

Ferns. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Ferns, N. Scholzei, 5-in., \$5 per doz.; \$35 per 100. N. Boston, 2 1/2-in., \$4 per 100. Scottii, 4-in., \$25 per 100. Storms & Harrison Co., Painesville, O.

Ferns. For prices and varieties see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson & Co., Rutherford-on-Hudson, N. Y.

Ferns for dices, 2 1/2-in., \$2.50 per 100; \$30 per 1,000. Frank Oeschlin, 4911 Quincy St., Chicago.

Neph. Glazarii, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glazars, 463 Summit Ave., Waco, Hoboken, N. J.

Ferns, Bobbink & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew, double white, 2 1/2-in., 2 1/2c. Mosbach Greenhouse Co., Onarga, Ill.

## FICUS.

Ficus pandurata, 6-in., \$2.30 each; 7-in., \$3.50. Ficus Repens, 2-in., 50c per doz.; 3-in., \$2. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

## FUCHSIAS.

Fuchsias, 6 vars., 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## GERANIUMS.

Geraniums, asti, 2-in., \$2 per 100; 3-in., \$3; Ivy geraniums, 2-in., \$2 per 100; 3-in., \$3; Ivy geraniums, var. foliage, L. Elegans, Duke of Edinburgh, 2-in., \$3 per 100; 3-in., \$4. Silver leaf S. A. Nutt, and Sophie Dumaresque, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vinad, Castellani, Patevine, Janlin, Richard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, standard varieties, 2 1/2-in., \$3 per 100; \$25 per 1,000. THE W. T. BUCKLEY CO., Springfield, Ill.

Geranium Mm. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Geraniums, 10,000 in 4-in., 5,000 in 3-in., and 5,000 in 2 1/2-in. ready to go out. Geo. A. Kuhl, Pekin, Ill.

Geraniums for Easter, full bloom, 4-in., \$7; 4 1/2-in., \$8. Paul Rieth & Co., Downers Grove, Ill.

30,000 S. A. NUTT. For delivery April 10th to 15th. Strong top cuttings well rooted, \$1.50 per 100; \$12.50 per 1,000. THE W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, S. A. Nutt, \$3 per 1,000. Ricard and Patevine, \$100 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, rose, 3-in., 5c. Mosbach Greenhouse Co., Onarga, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

Geraniums, rose scented, 3 and 4-inch, \$6 each and 100; 75c to \$1 per 12. Cash, please. P. Rieth & Co., Downers Grove, Ill.

**RED WING**, the best 1910 novelty, deep coral-red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mme. Sallerol, 2½-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, Nutt and 6 others, 3-in., \$4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

## GREENS.

Greens, dagger and fancy ferns, \$1.50 per 1,000. Southern wild Smilax, \$6 per case. Bronze and green galax, \$1 per 100. \$7.50 per 10,000. Boxwood, 15c per lb. Imported green and bronze magnolia leaves, \$2.25 per basket. Cynas leaves, \$2 to \$3 per 100. Henry M. Robinson & Co., 15 Province St., Boston, Mass.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, and ferns and perpetuated. E. A. Beaven, Evergreen, Ala.

Fern Nephrolepis Roosevelt, 2½-in., 40c each; \$3.50 per doz.; \$25 per 100; \$200 per 1,000. Good & Reese Co., Springfield, O.

Greens, wild smilax, 60-lb. case, \$1.25 per 1,000. New National Floral Co., Bellevue, Va.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsounis & Co., 50 W. 25th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Greens, 50-lb. case Smilax, \$2. Henry M. Robinson & Co., Minter, Ala.

## HARDY PLANTS.

Hardy plants, Baltonia Asteroids, \$30 per 1,000. Baltonia Latisquama, \$40 per 1,000. Monarda Didyma, \$40 per 1,000. Funkia Lancifolia, \$30 per 1,000. Pyrethrum Uliginosum, \$40 per 1,000. Valeriana Officialis, \$40 per 1,000. Field-grown stock. E. C. Love, Route 3, Milwaukee, Wis.

Hardy plants: Aster novae Angliae, rose, \$4 per 100. Coreopsis lanceolata, \$3 per 100. Gaillardia grandiflora, \$4 per 100. Hibiscus Crispus Eye, \$3 per 100. Hibiscus Moscheutos, \$3 per 100. Manarda Didyma, \$4 per 100. Platycodon alba, grandiflora and Mariesi, \$3 per 100. Shasta daisy, \$4 per 100. Sweet Williams, \$3 per 100. Strong field-grown plants, Norman & Hacker, Painesville, O.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Heliandrus Mollitars, \$10 per 1,000. Garden pinks, Lychinis Hagena, Pyrethrum, Gaillardia grandiflora, and Sweet Williams, \$5 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotope, R. C. N. J. per 100. Geo. M. Emswam, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Allegheny strain in mixture, all at \$3 per 100; \$25 per 1,000. Double hardy plants, catalogue, W. W. Whitmore, Box 352, Denver, Colo.

## HYDRANGEAS.

Hydrangea Arborescens Grandiflora Alba or (Hills of Snow), N.E.W., 2-year-old field-grown, 3 to 5 canes, \$2 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins., \$5 per 100; 2 to 4 feet, \$6. Tree shaped, 3 to 3½ ft., \$8; 3 to 4 ft., \$10. J. H. Dann & Son, Westfield, N. Y.

## IVY.

Ivy, root cuttings, English, \$9 per 1,000; German, \$7 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Ivy, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

German Ivy, 2½-in., \$2 per 100. Mosback Greenhouse Co., Onarga, Ill.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

## LILACS.

Lilacs in bloom, purple and white, \$1.50 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Lilacs. Jace Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$13 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley. Jace Smits, Ltd., Naarden, Holland.

Lily of the valley pins, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$16 per 1,000. The florists' money maker, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

## LOEBELIAS.

Loebelia Kathleen Mallard and Newport Model, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Loebelia Kathleen Mallard, 2½-in., \$2 per 100. Henry Daut, Decatur, Ill.

## MOONVINES.

Moonvines, Ipomoea Maxima, the giant flowering, flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around; 2½-inch pots, \$4 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, Ipomoea Maxima, \$4 per 100; the old variety, \$3.50 per 100. Good & Reese Co., Springfield, O.

## MOSS,

Sphagnum Moss, new selected stock, 10 bb. bales, \$3.50 per bale; 5 bb. bales, \$2 per bale. H. H. Cranmer, Brookville, N. J.

Sphagnum moss, 10-bbl. bales, \$4 per bale; 5-bbl. bales, \$2.25 per bale. Rooted peat, 90c per sack. J. H. Sprague, Barnegat, N. J.

## MUSHROOM SPAWN.

Mushroom Spawn. Lambert's Pure Culture. American Spawna Co., St. Paul, Minn.

## NIEREMBERGIA,

Nierembergia gracilis, indispensable for the low bushy stock, 2½-in., \$5; R. C. N. J., \$1. W. J. Olds, Union City, Pa.

## NURSERY STOCK.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1½-in. stems, 7 to 8 ft. trees, 50c each. Dyebush cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree althaeas, 4 to 5 ft., \$25 per 100. Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berryed plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas. Jace Smith, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Burbank's Othello plum. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Ornamental Shrubbery. C. C. Nash, Kalamazoo, Mich.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## OLEANDERS.

Oleanders in pots, 3 to 4 feet high, white, pink and red, bushy plants at \$50 per 100. Metairie Ridge Nursery Co., Ltd., New Orleans, La.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 235 Broadway.

Orchids, all commercial, cattleyas and varieties. Carillo & Baldwin, Secaucus, N. J.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

Pandanus utilis, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 6-in., \$8 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pandanus. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

## PANSIES.

35,000 transplanted pansies, finest imported strains, \$1.25 per 100; \$10 per 1,000. Write for sample. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Kentworth Giant Pansies, \$3.50 per 1,000; 100 prepaid. Geo. Chas. Frost, Kenilworth, N. J.

Pansies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pansy plants, 1-25 per 100. Jos. H. Cunningham, Delaware, O.

## PALMS.

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Phoenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Palms. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Palms, Kentias. Joseph Heacock Co., Wynco, Pa.

Palms. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms. Julius Roehrs Co., Rutherford, N. J.

Palms. Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all vars. Jace Smits, Naarden, Holland.

## PELAGONUMS.

Pelargoniums, surplus stock, large and fine, ready for a sale, Mrs. Loyal, \$4 per 100. Surprise, Mme. Vibert, Linda, \$5 per 100. A. D. Root, Wooster, Ohio.

Pelargoniums, assorted colors, 3-in., \$1 per 12; 5-in., \$2.50 per 12. Cash. P. Rieth & Co., Downers Grove, Ill.

## PEPPERS.

Christmas peppers, 2½-in., \$2.50 per 100. Mosback Greenhouse Co., Onarga, Ill.

## PETUNIAS.

Petunias, dbl. white and mixed, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## PHLOX.

Phlox. We offer one hundred thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## POINSETTIAS.

Poinsettias, 2½-in., \$8 per 100; \$50 per 1,000. Sidelisky & Irwin Co., 1215 Betz Bldg., Philadelphia.

## PRIMULAS.

Primula chinensis, 5¼-in., \$2.50 per doz. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**PRIVET.**

California privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Ligustrum Itoha, \$5 per 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co., office: Worcester, Mass. Nurseries: Castle Hayne, N. C.

Amoor River privet. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Privet, California, 1 and 2-year plants. Chas. Black, Hightstown, N. J.

**RHODODENDRONS.**

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jace Smits, Naarden, Holland.

Rhododendrons. Wm. Tricker, Arlington, N. J.

**ROSES.**

**ROSES.** Thrifty 2-in. stock of F. E. Willard, Mrs. B. E. Cant, Bridge, Bridgeland Perle, \$2.50 per 100; \$20 per 1,000. Wellesley, Souv. De P. Notting; White Cochet, Helen Gould, Burbank, Pink Cochet, White La France, Red La France, Coquette des Blancs, Louis Van Houtte, Kaiserin A. V., Tausendschen, Dorothy Perkins, \$3 per 100; \$25 per 1,000. Le Reche, Jules Margotte, Mrs. Chas. Chestnut Hybrid, Veltchenblau (blue rose), Flower of Fairfield (everlasting rambler), Sunrise, Gloire de L'E. Bruxelles, \$3.50 per 100; \$30 per 1,000. Can furnish the above in large two-year-old plants at \$8, \$9 and \$10 per 100; expect Veltchenblau and Flower of Fairfield, we have in 3½-in. at \$12 per 100. Order today. Stock will be reserved for you. WAGNER PARK CONSERVATORIES, Sidney, Ohio.

**ROSE PLANTS.**

From 2½-inch pots.

|                            | Per 100 | Per 1,000 |
|----------------------------|---------|-----------|
| RICHMOND .....             | \$3.50  | \$30.00   |
| WHITE KILLARNEY .....      | 6.50    | 60.00     |
| A-M. BEAUTY, bench plants, |         |           |
| 1-year-old .....           | 7.00    | 63.00     |

GEO. REINBERG.

162 North Wabash Ave., Chicago.

Roses, grafted. Pink and White Killarney, Richmond and Maryland, 2½-in. pots, \$12 per 100. Kaiserin, own root, 2½-in., \$4 per 100; \$35 per 1,000. Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, 342 W. 14th St., New York.

Roses, Lady Hillingdon, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per dozen; 5-in., \$4 per doz. GEO. WITT BOLD Co., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Troutville, Cal.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses, My Maryland, 2½-in., Kaiserin, 2½-in., \$35 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Roses on own roots, budded, bedding, H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, hybrid teas. Wm. Tricker, Arlington, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leddie Floral Co., Springfield, O.

Roses, 3-in., Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

Roses. Bobbink & Atkins, Rutherford, N. J.

**SALVIA.**

20,000 transplanted Salvia seedlings, Ball of Fire, Bonfire, Iron Spike, Zurich, \$1 per 100; \$8 per 1,000. Cash, please. F. Rieth & Co., Downers Grove, Ill.

Salvia, Zurich and Splendens, 2½-in., 2½c. Moshek Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reser Plant Co., Springfield, O.

Salvia, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvia, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

**SEEDS.**

Seeds. Asparagus plumosus nanus, 2,000 seeds, \$7.50; 10,000 seeds, \$35. Vaughan's Seed Store, Chicago and New York.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, satifay. C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, crimson clover, red clover, mammoth or sapling clover, white clover, cow peas. Soja beans, Kentucky blue grass, red top or herd's grass, rye grass, poultry foods, pigeon food. J. Bojigian & Son, Baltimore, Md.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Slater Bay, Wis.

Seeds, sweet peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Japanese seeds and plants. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

Seeds. Archias' Seed Store, Box 52, Sedalia, Mo.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

Seeds, cabbage, cauliflower, egg, pepper, tomato, etc. Francis Brill, Hempstead, L. I. N. Y.

**Contract Growers.**

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flat and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Terminia onion seed. Wildport Bros., Port-Ouava, Tenerife, Canary Islands.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, astors, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn, Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbenas. Waldo Rohner, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, Growers for the wholesale trade only. Brazilian Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

**SMILAX.**

\$3.50 per 100. DWARF FERNS for fern dishes, 10 best varieties, \$3 per 100; \$27.50 per 1,000. For larger sized ferns, write for prices. Our

Smilax, strong seedlings, 4 write for 1,000. P. Rieth & Co., Downers Grove, Ill.

Smilax, Wood Bros., Fishkill, N. Y.

Smilax Jewel, introduction 1911, much superior to Zurich, 2-in., \$1 doz. Bavaria (White Zurich) R. C., 1¼c; 2-in., 2c. J. L. Schiller, Toledo, O.

Salvia Bonfire and Zurich, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**SNAPDRAGONS.**

Snappdragons, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Snappdragons, seedlings, 1c; 2½-in., 2c. Moshek Greenhouse Co., Onarga, Ill.

**STOCKS.**

Stocks, English double Ten Week Stocks, separate colors. 2½-in., \$2 per 100. Moshek Greenhouse Co., Onarga, Ill.

**SPIREAS.**

Spiraea, J. Smits, Ltd., Naarden, Holland.

Spiraea Van Houtte. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Spiraea Gladstone, Queen Alexandra, 6-in., in bloom, \$8 per doz. GEO. WITT BOLD Co., Edgebrook, Chicago, Ill.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$8. W. J. Olds, Union City, Pa.

**TRADESEANIAS.**

Tradescantia, Zehra, 2-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**VEGETABLE PLANTS.**

Tomato, strong seedlings, 10 different varieties, \$3 per 1,000. Parsley moss, curled, \$1.50 per 1,000. Cash, please. F. Rieth & Co., Downers Grove, Ill.

Asparagus roots, Conover's Colossal and Palmetto, 3-yr., 50c per 100; \$4 per 1,000. Moshek Greenhouse Co., Onarga, Ill.

**VERBENAS.**

Verbenas, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Lemon verbenas, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas, separate colors, 2½-in., \$2 per 100. Moshek Greenhouse Co., Onarga, Ill.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca var., 2½-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Vinca variegata, rooted cuttings, 75c per 100. prepaid. Chas. Frost, Kenilworth, N. J.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reser Plant Co., Springfield, O.

Vinca minor, strong field-grown stock, 5c. Moshek Greenhouse Co., Onarga, Ill.

**TO EXCHANGE.**

Wanted to Exchange—Cannus, ferns and bedding plants for Rooted Cuttings or 2½-in. Vinery and three Enchantresses carnations. Moshek Greenhouse Co., Onarga, Ill.

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

**GOLD FISH.**

Gold Fish, Aquarium plants, Castles, Globes and All Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO., 920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Sibert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need in our Ready Reference Department, Write Us About It



ERECTED FOR THOMAS SPERRY, CRANFORD, N. J. JAMES BELL, GARDENER.

**H**ERE is a greenhouse plan and design that makes everybody sit up and take notice. It hasn't a duplicate anywhere. It is the first time, to our knowledge, that a nine sided palm house has ever been built.

Five firms were competing for the order. Each firm submitted at least two designs—some more. We submitted one—that one won. That one is this one.

**Lord & Burnham Co.,** Irvington, New York, Boston, Philadelphia, Chicago, N. Y. St. James Bldg. Tremont Bldg. Heed Bldg. The Rookery

#### INSECTICIDES

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Punk, \$6.50 per case of 12 paraffined boxes.

#### MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

#### MISCELLANEOUS.

Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1661 Fulton St., Chicago.

Plant bed cloth, waterproof sheeting, hay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Brachkiss paper fastener, machine and 500 staples, \$1.50. A. Henderson & Co., 51 Wabash Ave., Chicago.

New imported florists' baskets. The Redleln Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Superior carnation staple, 1,000, 50c postpaid. L. J. Waite, 293 Main St., Springfield, Mass.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

The benches and the bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Bolgiano & Son, Baltimore, Md.

Machines for glazing. F. O. Pierce, Co., 12 W. Broadway, New York.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Boiler flues, all sizes. H. Munson, 506 N. State St., Chicago.

Cast iron reservoir vases. Washington Iron Works, Buffalo, N. Y.

Pansy baskets, plant and fruit baskets. Webster Basket Co., Box 55, Webster, N. Y.

#### POTS, PANS, ETC.

Cherry red standard flower pots. The Mt. Gillett Tile & Pottery Co., Mount Gillett, O.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

Neposnet paper pots. Vaughan's Seed Store, Chicago and New York.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

"CUT-SEED" Cherry red pots are made by Geo. E. Feustel, Fairport, Iowa.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.



## Reasons

When a boiler salesman comes smilingly into your workroom, shakes hands vigorously and slaps you on the back with one hand, while he jingles the keys in his pocket with the other, and tells you his boiler can save 25, 30 or even 50% of your coal bill—do you believe him?

Suppose, Mac, our trouble man, should sit down quietly with you and explain just how our boilers are made and give you the reasons why they are made that way; and then answer every question flatly and frankly—would you believe him? Of course you would. Then send for him when you want a boiler.

**HITCHINGS & CO.**  
ELIZABETH, N. J.  
NEW YORK, 1170 Broadway.

Pots of all kinds. L. Hrudka Pottery Co., 2610 Herndon St., Chicago.

Pots, Florist red. Peters & Reed Pottery Co., Zanesville, O.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokahama Nursery Co., Ltd., 31 Barclay St., New York.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St., NEW YORK.



## ADVANCE MACHINES



Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 1/2 inch to 2-inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.

Mention the American Florist when writing

## Greenhouse Material and Sash Of Every Description.

Get Our Prices and Catalogue.

**S. Jacobs & Sons,** Established 1871.  
361-1383 Flushing Ave Brooklyn, N. Y.  
Mention the American Florist when writing

### Production of Perfumery Plants.

Of the countless numbers of plants in the vegetable kingdom, many possess peculiar aromatic odors. Before the art of distillation was known, the ancient peoples used odoriferous plants and spices in their dried forms for their agreeable odors. Gradually, however, the development of special utensils for other domestic purposes may have resulted in the discovery of methods for the separation of odors from plants and plant products. The first mention in ancient Greek writings of the separation of an odor from a crude substance is that of the oil of cedar, which was separated from the oleoresin by means of the crudest form of apparatus. With the development of the necessary apparatus, extensive perfumery industries have arisen. In southwestern France a general perfumery industry of great importance, based on the production of lavender, cassie, rose, violet, and other perfumery plants, has grown up. The attar of roses from Bulgaria and Turkey, the rose-geranium oils from Algeria, Reunion, and other French colonies, the lavender and other essential oils from England, and the citrus oils from Italy, as well as the lemon-grass, citronell, vetiver, and other volatile oil and perfume-producing products from India, may be mentioned as important industrial products. In the United States and in Japan the production of peppermint oil and its products constitutes an important industry.

At the present time the number of plants in the United States yielding oils in a commercial way is very small, but the number capable of yielding oils of probable value is correspondingly great. At present the cultivated plants are principally the mints, peppermint and spearmint, together with small quantities of wormwood, tansy and wormseed. The wild plants include saffron, wintergreen, sweet birch, Canada beebalm, blue-gum, wild bergamot, horsemint, and pennyroyal.

Oil of turpentine has been distilled commercially for more than a century and is produced on a very extensive scale. Unlike most volatile oils, the oil of turpentine is not distilled directly from the plant but results as one of the products of the distillation of the oleoresin obtained from several varieties of pine trees.

# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

## To Tell All the Good Points of Our Construction

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TRUSSED  
SASH BAR  
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GREENHOUSE  
APPLIANCES

Use our patent  
Iron Bench  
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THE JENNINGS IMPROVED  
IRON GUTTER.

### IMPROVED VAPORIZING PANS

For Tobacco Extracts, etc. Send for Circulars.

**DILLER, CASKEY & KEEN,**

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VENTILATING  
APPARATUS

## WILKS' Hot Water Boilers

ARE THE MOST ECONOMICAL

Boiler for Greenhouses

No Night Fireman Required  
with our

SELF-FEEDING HOT WATER BOILERS.

Send for Catalog and Prices.

**S. WILKS MFG. CO.,**

3503 Shields Ave.

CHICAGO.



## EVANS' Improved Challenge Ventilating Apparatus

Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind.

Information concerning plants yielding materials used in the manufacture of perfumery products, also concerning the processes and apparatus required to utilize these oil-bearing plants, is given in Bulletin No. 195, of the Bureau of Plant Industry, United States Department of Agriculture, recently issued.

### SIEBERT'S ZINC Never Rust GLAZING POINTS

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes 3/4 and 1/2, 40c per lb. by mail 16c extra. 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade. RAND OLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburg.

Mention the American Florist when writing

### Holds Glass

Firmly

See the Point

PEERLESS

Glazing Points are the best.

No rights or letters. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREER,

714 Chestnut St., Phila., Pa.

FULL SIZE  
No. 2

See the Point

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Glazing Points are the best.

No rights or letters. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREER,

714 Chestnut St., Phila., Pa.

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### Siebert's Zinc Glazing Points.

Good for small or

large glass, do not rust,

easy to drive 3/4 and 1/2

inch. Per lb. 40c 5-lbs.

\$1.85. 20-lbs. \$7.00

VAUGHAN'S

SEED STORE

Chicago New York

Mention the American Florist when writing

CHARLESTON, W. VA.—The Charles-

ton Cut Flower Co. have moved to new

quarters at 19 Capitol street. The in-

creasing business required the removal

to larger quarters. The greenhouses

will be maintained at the old place on

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Tobacco Paper

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STRONGEST  
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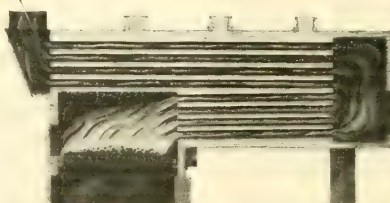
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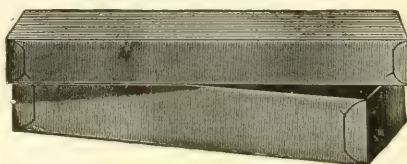
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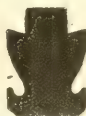
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Vol. XXXVI.

CHICAGO AND NEW YORK, APRIL 15, 1911.

No. 1193

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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## SUGGESTIONS FOR PLANT GROWERS.

### Kochia Scoparia.

A plant that has sprung into favor very rapidly the last few years is the kochia and well it may, for it is very decorative all through the summer, and has been called Summer Cypress, and when it covers itself with red flowers in the fall it makes a most brilliant showing and has been called Mexican fire plant. It grows very rapidly and seeds sown in March or early in April will make fine plants. During the summer months the pyramidal shaped plants are sure to attract attention. The seeds are very small and germinate quickly and care should be taken in the sowing. After the seeds are up and potted the culture is very easy and simple, similar to other annuals.

### Tuberose.

One of the easiest summer flowers to grow if a little attention is given to a few details, and one from which flowers may be had all the season by successional plantings, for the bulbs may be started from January to August, giving flowers from May to November. The early bulbs should be started in good heat, the temperature being not less than 75° or 80°. The bulbs should be placed closely together in shallow boxes with two inches of moss on the bottom, these boxes being placed over hot pipes where the necessary temperature can be maintained. In four or five weeks the tubers will have sent roots all through the moss and they should then be potted in four or five-inch pots or in a bench containing five or six inches of soil. They will require plenty of moisture in such brisk heat, and thrips should be kept in check, as these are the worst enemy of tuberose. The bulbs that are grown later in the season will not require so great a degree of heat. The plants to get the best blooms should be grown in the greenhouse, for in out of door culture the blooms are not as pure a white and lack the lustre of the indoor product. Practically no shade is needed while the plants are making their growth and the spikes of bloom forming, but as soon as the lower flowers begin to

open a moderately heavy shade and a drier atmosphere will be of benefit, preventing the blooms from taking on a yellowish tinge. The bulbs for later growing should be kept in a dry location until wanted for the plantings to occur through the season.

### Care of Decorative Stock.

The greatest care of decorative stock is needed at this season, for the sun is now very high and bright and these plants should be heavily shaded or they are in danger of being burned and ruined. It should also be taken into consideration that the palms and other stock are usually grown in as small pots as possible, and that the soil during the long winter season and heavy firing has become pretty well exhausted, and frequent examinations are necessary to see that the plants do not become dry. Keep a nice humid atmosphere all the time, and during pleasant weather syringe the plants heavily, and dampen down all the dry places. This will not only give the plants a proper growing atmosphere but keep down many insects that infest this stock. An old gardener once told us that there was no excuse whatever for a man to have mealy bug on his plants that had a good force of water in his hose. The ventilation should be carefully attended to, but little is needed on these plants, just a crack of air to keep the atmosphere pure and prevent any of the close feeling that is sometimes felt in going into one of these houses, as if the air were dead; open the ventilators as soon as the sun warms the houses, but they should not be left open too late, closing them directly after the mid-day. Any plants that are beginning to look as if they were impoverished may need a little feeding with liquid manure. If there is not a liquid manure tank, a watering of water in which nitrate of soda is dissolved will greatly benefit them; an ounce of nitrate of soda in four or five gallons of water will be a great stimulant, and the plants will quickly assume the bright green so much desired, and this will carry them along until it is time to repot them.



### Summer Flowers.

The demand for summer flowers is greatly on the increase, and too often the florist is poorly supplied with a variety, simply having a small and poor stock of annuals, but judicious plantings of perennials and herbaceous stock will produce a fine display during the summer months. In the perennials one of the finest plants for cut flowers is the bright colored pyrethrums. If seed was sown last fall and protected during the winter, they should be planted in their permanent quarters as early as possible. Delphiniums, especially the dark blue varieties, produce beautiful showy flowers and added to these may be gaillardias, Shasta daisies, columbines, Coreopsis grandiflora, rudbeckias, lychnis and doronicums. In the herbaceous plants the larger and more prominent flowers such as peonies are, of course, well known, but there are many very useful plants in this class that are too seldom seen and can be easily grown, and nearly every grower has a location where they can be planted and will be found of great value, and should be in all collections. Achillea, The Pearl, should be one of the plants on every florist's place, for it is extremely useful throughout the season of blooming. Gypsophylla paniculata should be in every garden. The hardy candytuft is another valuable plant generally blooming about Memorial Day. Iberis Gibraltarica is the best of these, but it does not prove hardy in some locations. Anemone Japonica is one of the most beautiful fall flowers. Tritomas are very showy and come into bloom in late summer and fall when large bright flowers are in demand. If a grower is not supplied with these he should procure a few of each and get up a stock for they will be found very useful and inexpensive.

### Fumigating.

As the spring advances and the temperatures fluctuate and run to greater extremes, the conditions for the propagation of insects increase and continual vigilance is required to keep the stock clean of the many pests. Aphis will sometimes appear in a house very suddenly, and only in one small section, but if not checked at once, will rapidly spread and cause great damage. The only way to be at all sure of keeping rid of them is by constant and regular fumigations. Light fumigating often is far preferable to waiting until the insects have become grown, when heavier doses will be required. Burning tobacco stems is, of course, the cheapest method, but the growers of cut flowers have nearly dispensed with this manner of fumigating, owing to its leaving the disagreeable odor in the flower. In the greenhouses heated by steam there are two methods used. Some fill a barrel full of tobacco stems, and have a short pipe with a valve attached that can be placed into the barrel, and the valve opened and the house filled with the vapor which has passed through the barrel of tobacco stems; others use the nicotine extracts, painting or dropping it upon the hot pipes, or by placing the extract in evaporating pans. Those not having hot steam pipes burn the nicotine papers, which are very efficacious and do not injure the flowers. Still others spray with the different preparations prepared for that

purpose such as nicotine extracts, aphine and others, but whichever method is used, the plants must be continually watched and the remedy applied.

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Conducted by Robt. Kift, Philadelphia, Pa.

### Bargain Sales.

I am glad to read the plan for figuring the cost of flower growing by A. M. Herr, in THE AMERICAN FLORIST, issue of December 31, page 1147, with a view of growers adopting such a method, dictating their own prices, and thereby helping legitimate middleman and legitimate retailer. Is it not rather difficult to solve the problem of cost in advance with the numerous factors of expense, stock cost, weather disaffection (never known in advance), increasing area space for plants while maturing, etc.? And why, sir, should each grower keep to himself the figured cost of production? This plan, if to become of value, must be universal, and can only become so by interchange of all possible information. Why would it not be feasible for the horticultural

upon and credited with points, for size, stem and free blooming, so why not also on cost of growing?

Now, to get at a quick estimate as to the cost of any variety of flower, without a multiplicity of factors, let us take the case of a supposed grower whom we shall call John Smith. Smith makes a specialty of carnations and sends to market one hundred thousand flowers from November 1 to May 1 last season. He has received various payments from his wholesalers during that time, and as he thinks it over during the summer, he is at a loss to know whether he is a year ahead or a year behind. Although he received big prices at certain periods, which made him feel rich temporarily, there were also poor payments which gave the opposite effect. Armed with a strong resolution to know the truth he adds up his receipts from November to May and finds the total of \$2,250. This sum he divides by the total number of flowers sent to market, which gives him the average or real price for which he sold every carnation grown in his houses—2½ cents apiece. Now without going into Mr. Smith's personal affairs, to inquire whether his wife has had sufficient new bonnets, or his help has been paid a fair wage, we



LILY OF THE VALLEY IN BASKET BY JOHN MANGEL, CHICAGO.

societies to lend aid to growers, great and small, to ascertain cost figures of various flowers, towards the end of standardizing the same? If necessary, appoint committees to look after this subject and report findings, to be disseminated through the columns of THE AMERICAN FLORIST for the benefit of the entire craft. Today, the merits of various flowers are passed

only have to ask him one question, "Mr. Smith, would you be satisfied to sell all the carnations you can raise for 2½ cents apiece?" Possibly the answer might be, "Not on your life!" But nevertheless it is just what he has been doing for a whole season and he was none the wiser.

Now we may leave this gentleman of good intentions and poor devices to his

further aptitude for figuring and I'll guarantee that twenty-four hours afterwards he could give a safe and sane figure over  $2\frac{1}{4}$  cents for which he would sell all the flowers he could raise and be willing to work for a big output. He would not only produce fine flowers, for, as a specialist he could do it, but he would also determine the proper price for which he would sell all or none, and thus do away with the ridiculous spectacle of middlemen establishing so-called market prices, which are neither founded on any idea of the producer's proper income, nor for what the public demands and is willing to pay.

Obviously the middleman occupies the same sphere as an express company; each are conveyors or distributors. Neither one has the moral right to regulate the value of the goods because neither takes any part in the productive labor. Supposing the express companies should demand higher rates for carrying orchids and gardenias than asters and gladioli. What a howl would go up! And yet the wholesaler can fix the price on any flower, but he keeps an eagle eye on the wholesaler across the street, while the grower is on one end of his seesaw and the store man on the other; they both take turns in getting dumped. And so, Mr. Grower, you place this arbitrary power in Mr. Wholesaler's hands simply because you do not take the trouble to make better arrangements for yourself.

A word about the demoralizing custom of selling by wholesale one hundred flowers from one shipment at a price, and closing out the balance to the firm of Tom, Dick & Harry at a heavy reduction. The flowers are, of course, of a uniform quality, the shipment of one man, and it costs as much to grow one flower as another (same variety), and yet this mode of trade is like selling the first hundred copies of a book with the author's autograph at one price and bringing out all the rest in paper covers of a cheap edition. There is, however, this difference. Every flower that is grown and cut, is handled by individual labor. There is no machine to turn them out two at a time or ten at a time at a less cost, therefore they demand the market conditions of an approximately uniform price.

The art of the flower craft rests with the store man. The genius and patience come from the grower. Exercise less patience in a certain way and go to this proposition with more brains and your incomes will be less spasmodic and more satisfactory.

CARL STUMM.

WESTPORT, CONN.—The Fillow Flower Co. has purchased five acres of land on Clinton avenue.

ATLANTIC CITY, N. J.—W. F. Sheain who conducts The Sign of the Rose Floral Shop has opened a branch store at 933 Broadwalk.

SCHENECTADY, N. Y.—J. H. Frederick has purchased the business of Howe the florist at Jay and Franklin streets. Mr. Frederick was formerly connected with Chas. Limmer on State street.

ELIZABETH, N. J.—Henry Leahy has moved into his new store, 1169 East Jersey street, and now has the largest floral establishment in the city, and it is brilliantly lighted with electric lights. The formal opening took place April 1.



EASTER BASKET BY W. J. SMYTH, CHICAGO.

Rambler Roses, Hyacinths, Primula Obconica and Asparagus.

#### Florists' Telegraph Delivery.

The Florists' Telegraph Delivery met at Boston, Mass., March 29, President J. A. Valentine in the chair; Irwin Bertermann acting as secretary. Much discussion took place as to the best means of making this association one whereby all the retailers in the country may be induced to be enrolled in its membership, and to a proper proportioning of the dues from each member. It was the sense of those present that the dues should be regulated according to the population of cities, and finally a committee consisting of W. J. Palmer, Buffalo, N. Y.; W. J. Smyth, Chicago, and W. L. Rock, Kansas City, Mo., together with the president and secretary, was appointed to submit a schedule of dues at the afternoon meeting.

At 3 p. m. the same day a well-attended meeting again convened. The committee on dues reported that in cities with a population of less than 5,000 a deposit of \$1.00 to the guarantee fund and annual dues of \$1.00

shall be required from each member. In cities of from 5,000 to 25,000 the guarantee fund deposit shall be \$2.50, annual dues \$2.00. Cities having from 25,000 to 50,000 the guarantee fund deposit shall be \$5.00; annual dues \$2.00; cities having from 50,000 to 100,000, the guarantee fund deposit \$10.00, annual dues \$2.00; cities having from 100,000 to 150,000, guarantee fund deposit \$15.00, annual dues \$2.00; cities 500,000 and upwards, guarantee fund \$50.00, annual dues \$5.00. It was explained that the guarantee fund is for the purpose of liquidating bad bills, should there be any among the members, and that as the fund would only be a deposit, each member could retire from the society and have his deposit refunded at any time. The recommendations contained in the committee's report were adopted by the society.

Geo. Asmus read a paper on how the rush work can be handled with facility at holiday times, giving a somewhat detailed account of his own



methods. Auditing registers, he thought, were of more importance than any other one thing, as by that system there was no possible chance of a charged account not being properly recorded, and the safeguarding of charge accounts was perhaps the greatest item in the running of a retail store. The system he used for securing additional help, the delivering of orders and adjustment of customers' cards all came in for mention; and he recommended more effort toward making St. Valentine's day a larger feature in the flower trade than it is at present. Mr. Asmus also mentioned the importance of keeping a diary on quantities and kinds of material used; this is always useful for future reference. Penn, the Boston florist, told how he had succeeded in working up a good trade at St. Valentine's day by plenty of advertising in the daily press.

Pres. J. A. Valentine then read his paper on credits, etc., which was published in THE AMERICAN FLORIST, issue of April 1, page 476. The meeting then adjourned to meet next August in Baltimore.

### Wallflowers.

ED. AMERICAN FLORIST:

Will you inform me as to the best way to grow wallflowers? W. E. K.

Wallflowers are perennials but are better treated as biennials as it is much more preferable to have young plants coming on than to grow the old plants after flowering, especially when grown for winter blooming. The seed should be sown in spring and as soon as large enough potted in small pots and shifted into larger pots as is necessary. If the seed is sown early and the plants given good culture they will flower the following winter. They can be planted outside and lifted in the fall, but they do not lift well and if they are to be grown for cut flowers it is much better to plant them from the four-inch pots into the bench where they are to bloom. They can also be grown in pots, but the spikes will not be as large as those grown in the bench. The soil should be similar to that used for roses and carnations, and the plants set eight to ten inches apart. W.

### Pipling Greenhouses.

ED. AMERICAN FLORIST:

I am about to build two greenhouses, 15x125 feet each, eleven feet four inches to ridge, side walls eight feet high, four feet concrete and four feet boards on the north and glass on the south. I intend to use a hot water system. Would you advise using 4-inch or one and a half-inch pipe for the heating plant? SUBSCRIBER.

Wisconsin.

From the description it is not clear whether there are four or eight feet of glass in the south wall. While 1½-inch pipe might be used in a house less than 600 feet in length, it will be better to use 2-inch pipe in the houses described. This has several advantages over 4-inch pipe. The houses can be heated by using to each three 2½-inch flow pipes and then 2-inch returns, for a temperature of 60 degrees, supposing that there is only four feet of glass in the wall. If there is eight feet of glass use two additional returns in each house. L. R. T.

## American Gladiolus Society

Special Meeting, Boston, Mass., March 30.

### Secretary Gage's Report.

A great deal of my work since the Rochester meeting, has been devoted to soliciting new members. Besides mailing about 1,200 of the little leaflets, that we had printed for distribution, I have written a great many personal letters, and I find that the personal correspondence is much more effective. These leaflets, to the number of about 30,000 were also distributed by about 15 of our members who have sent them out in catalogs and letters, and they have only brought us six new members, against 20 secured by letter writing, there being ten of this number credited to myself. President Hendrickson, however, holds the record for gathering in new members from the time of our Boston meeting. It is not, of course, to be expected that every member should do this amount of soliciting; but if each member would send in a new name occasionally, which I believe can be done with a little effort, we could more than double our membership by next August; and it would be a source of much encouragement to your officers, who are trying to make our society a success, and it would also stimulate a

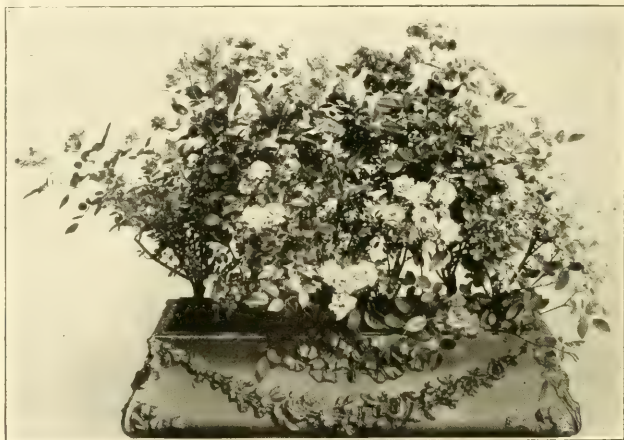
utilizing. Arthur Cowee then read a letter from a European firm in regard to the grading of sizes and the quoting of prices to European growers, and a committee was authorized to consider and report on this matter. The recommendations in the report of the committee on nomenclature were adopted. A bulletin for the Baltimore show, a vote of thanks to Messrs. Gage and Youell, and the payment of expenses of the latter was authorized.

J. Keur, of C. Keur & Sons, Hillegom, Holland, addressed the meeting, calling attention to the practice of cutting the flowers of gladioli by growers who sold the bulbs, claiming that this results in injury to the bulb. He also stated that in as much as some varieties never produced large bulbs, a graded mixture of gladioli was not desirable, as this would throw out a large number of fine varieties in a general mixture.

### Gladiolus Nomenclature.

BY A. COWEE, BERLIN, N. Y.

The opening of the discussion as to "What action shall our society take, when the same name has been given to different varieties of gladioli, and when different names have been given to the same variety?" has been assigned to me by our president, but for what reason he has chosen me to begin the discussion, I cannot imagine



EASTER BASKET BY JOHN MANGEL, CHICAGO.

Pink Baby Rambler Roses in Gilt Basket.

spirit of interest in all of the members. I have distributed 950 copies of bulletin No. 1, and 2,000 copies of bulletin No. 2 are now being distributed. These bulletins should be the means of bringing us new members; and, in fact, I received four applications from following up parties who had written for copies of the bulletin. Since August 20, my expenditures for stamps have amounted to \$17.08, and for express and freight charges, \$7.65.

At the meeting of the society held at Boston subsequent proceedings were as follows: A letter was read from Prof. Craig, of Cornell University, on food and soil and the best methods of fer-

unless it may be that he thinks I have been more or less the cause of the present partial chaotic condition of gladiolus nomenclature. Methinks I hear him say, "If the coat fits, put it on?" and ever since I was notified that I was to open this discussion I have been wrestling to get into that coat, more than one half of which does not seem to fit me. A good physician, before prescribing for his patient, usually makes a diagnosis of his case and I believe that the same principle should apply to the present condition of the gladiolus nomenclature, and, so far as my knowledge goes, I will proceed to diagnose the case.

Gladioli have been grown for more than a century, but up to only a few years ago has there been extraordinary interest taken in their extensive culture, and up to which time there really had been no trouble in the re-naming or the duplication of names. From the year 1902 to 1907 there were distributed in this country alone, over one million new seedlings and named novelties of most unusual types, and many bearing colors and combinations of colors never before seen or thought possible by the average grower of this flower. Such stock (and no wonder!) attracted the attention of many growers of other flowers, as well as some who had never grown for the market. Immediately after possessing which these new gladioli growers, without the knowledge of existing varieties, as well as being ignorant as to what had already been done toward naming many of these new seedlings, started in to mark, classify and establish a named list of their own. Under such conditions, is it any wonder that many varieties have been re-named? The wonder to me is that we have not more of them. So much for my version of the cause of re-naming.

In most if not every department of horticulture as well as floriculture, the grower in selecting names for his plants, flowers, fruit, etc., aside from the botanical standpoint, tries, so far as it is possible, to select names which will indicate to the purchaser of his product some particularly good attribute which his plant, flower or fruit possesses. It may be color, size, form or some characteristic which, as said above, he wishes to imply in the name. Now, with this idea in mind, is it any wonder that there are today two, three, or even more varieties of gladioli bearing the same name? We have now diagnosed these two cases, what remedy, and how shall we apply it, is the question.

We have a well-organized society and while as yet but few foreign members, I believe we will be able to secure the co-operation of those foreign growers who may not join our society, and anticipating this, I trust I may be permitted to offer the following procedure as a remedy and the application of the same. First: I would have our society possess both at the trial grounds and at the office of our secretary, a copy of the catalogue of every gladioli grower in this country and Europe, from which a list of all existing varieties, together with descriptions of the same, could be made up and, with many varieties, we could at the same time secure the name of the originator, and also, in many cases, the year in which the variety was first disseminated. Your committee could then easily ascertain where names were duplicated and upon such information request those growers having such varieties to send to the trial grounds three to five bulbs for testing, accompanied with the following statement:

1. Name of variety.
2. Name of grower offering the variety.
3. Full description, including form, color, habit, etc.
4. By whom originated.
5. The date or year of introduction.

With this information and a thorough trial upon the grounds at Ithaca there should be no doubt as to which grower should be entitled to the use of the disputed name, which should be



EASTER PLANT BASKET BY W. J. SMYTH, CHICAGO.

Lily, Pink Spirea, Rambler Rose, Pandanus Veitchii and Primula Obconica.

withdrawn by the other claimants upon the receipt of such request from the superintendent of the trial grounds, endorsed by the president and secretary of the society. The remedy and application of same to the second complication (re-naming) is more difficult, the proper adjustment of which will depend largely upon the individual assistance of the members of our society, both professional and amateur. To the professional grower I would recommend the following:

First, when sending out mixtures of any kind, either general or under color selection, that he have printed on the reverse side of every label a notice that the mixture so offered is either composed of named varieties, or seedlings under process of classification, or both, and the purchaser should be warned against naming any of such without first consulting the producer and submitting a spike of the variety which he may wish to name.

Second, I would recommend that wherever or whenever any grower may have knowledge of the re-naming of any variety, that he give to the superintendent of our trial grounds such information, accompanied with three to five bulbs of the variety so re-named, together with three to five bulbs of the variety bearing the correct name.

This last suggestion would be equally applicable to the amateur, and by such co-operation I feel sure we would be but a short time in clearing up the gladioli nomenclature. It is true that in the execution of such measures as I have suggested, more or less disappointment is sure to fall to some growers, and I, for one, will be only too glad to take my medicine with a smile, if, in the end, the loyal and enthusiastic amateur as well as the professional grower, can be assured of protection against this practice, the elimination of which I believe will stimulate greater demand for our favorite flower, and which can certainly be accomplished by our society, but only through the hearty and unselfish co-operation of its members.

OUT.—The long-promised book on "The Gladiolus," by M. Crawford and Dr. W. Van Fleet.

DENVER, COLO.—With the idea of making Denver a city of flowers and gardens, a public spirited real estate man has asked the chamber of commerce and real estate exchange to stimulate the work of beautifying the city, and has personally offered prizes aggregating \$100 for the best kept flower beds, gardens, back yards and alleys in Berkeley, a section in which he is interested.



## THE ROSE.

### Potting Young Stock.

Do not let the rose cuttings stay too long in the sand—when the roots have attained a length of half an inch they can be safely potted. Always prepare the potting soil a few days ahead of the time it is to be used in order to have the chill taken out of it. The soil should be heavy clay soil—soil full of fibre—when mixing use one part finely screened well rotted cow manure to three parts soil. Both soil and manure can be screened through half-inch mesh screen. For the general run of cuttings the 2½-inch pots will be the thing for them. Some prefer the 2½-inch pots for American Beauties. Still, when the Beauty cuttings are potted at the right time the 2½-inch pots are large enough, and this makes a good size to shift from when re-potting the stock into the 3-inch pots. There are several ways of potting rose cuttings, yet there is only one correct way, and that is to pot firmly by pressing the soil around the roots after the soil has been sifted in around the roots carefully, holding the cuttings well up towards the top of the pot, as the roots should only be about half an inch below the soil when potted.

Give the young rose stock the very best location possible, where they can get plenty of sunshine and air, and prepare the benches with care, using finely screened coal ashes to set the pots on. Do not attempt to plunge the pots but pack the ashes firmly and set the pots on top. The cuttings must be kept shaded for several days or until the plants begin to make new root action in the soil. The shading can then be removed with safety. Spray the young stock early on every bright day and, if necessary on an exceptionally warm windy day, spray them again at noon. As soon as they make a growth in the first pots and

the growth gets ripened, they should be shifted into larger pots.

The grafted stocks require more attention than the cuttings and they must be watched all through the day, after taking them out of the case, for a week or 10 days. They will require shading to begin with, and for the first few days it is best to keep the sun off the plants altogether. The shading can, of course, be removed on cloudy days. Be careful about putting air on the house when the stock has just been taken from the case, as the young plants wilt quickly. The small feeding roots are not very plentiful at this stage, but when once they get started the pots are soon filled with them and they will require heavy watering. Look out for the raffia; it soon cuts into the scions and many fine plants are permanently injured by neglecting to remove the raffia in time. The plants should be staked in the pots as soon as the raffia begins to cut into the scions, using the ordinary wire rose stakes cut into lengths about a foot long, and when tying secure the scion quite firmly to the stake in such a way that it will be impossible to break the plant when syringing. These stakes can be left in until after the stock is benched, and is of the greatest importance where grafted stock is handled.

It is now about time to give the roses a mulch of some kind. The plants should be looking quite vigorous at this time, and during the month of March the weather varies, one day being extremely cold, the next warm, with prevailing high winds, making it a difficult matter to ventilate. The sun is much stronger and there are many roots near the surface of the soil that must be protected, so a mulch is in order. In the first place tie the plants carefully, clean all the yellow leaves off, give the beds a good cleaning and remove all of the loose material left from previous mulches, and apply a mulch of well rotted cow manure about three-

fourths of an inch deep. Break the manure up finely, and do not pack it on the beds. If the decomposed manure cannot be procured and fresh manure has to be used, do not fail to cover the manure with a layer of soil to prevent the fermentation of the manure from spotting the flowers and foliage. Look out for the red spiders and green fly, syringe on all bright days and get under the foliage, using all the pressure possible when spraying. Do not be in a hurry to prune the plants and when pruning remove no good healthy foliage, only the tinged growth. E.

### Diseased Roses.

#### ED. AMERICAN FLORIST:

Can you give me any information as to the cause of the condition of the rose bushes which I have forwarded to you? They were planted the middle of June from 2-inch pots. The roots extended into the soil but do not seem to have any fibrous roots at present. The growth is very light colored and does not seem strong. The varieties are Bride, Bridesmaid and Golden Gate. Is it a disease? Will plants such as sample ever amount to anything? INQUIRER

In reply to INQUIRER, will state that the roses received were in no condition to get at the cause of the trouble; reaching us in a dried-up condition, however, one plant was found to be dead and this plant was what the grower usually terms a "Black Leg," having a black ring around the stem at the base, denoting a plant unfit for planting as it is often the sign of anthracnose in its first stages. The other plant (although the soil was dry at the base), had made some good roots in transit, caused by (we think) the extra water it received when packed for shipment, which causes us to think if the beds are allowed a little water some of the plants may start into new growth if handled intelligently. However if they are off color, showing extremely yellow foliage throughout the



MRS. J. L. GARDNER'S CINERARIAS AND OTHER PLANTS AT THE SECOND NATIONAL FLOWER SHOW, BOSTON MARCH 25.



A. N. PIERSON'S FIRST PRIZE EXHIBIT OF ROSES AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 31.

house and by carefully examining the base of the plants they are found to be discolored, the bark showing black or having a bruised appearance, it would in all probability be better to throw the plants out and try some other crop, as the plants forwarded are small and at this season, even if healthy, they could hardly be expected to produce any great amount of flowers until spring. We are inclined to think that the soil is to blame for the diseased plants, as it seemed to contain no fiber whatever and appears to have no "life" in it, forming a compact mass on the benches coming under the name of dirt rather than soil, although in this respect we may be mistaken owing to the poor condition in which the samples reached us, and, as stated above, for the same reason we can only guess at the real cause of the diseased plants.

E.

#### Roses With Club Root.

##### ED. AMERICAN FLORIST:

Our roses, especially Richmond and Golden Gate, have club root. The leaves turn pale and drop off and some of them have the appearance of having been scalded. Can you tell us the cause and inform us what to do to remedy the trouble?

C. A. W.

This seldom appears upon other varieties of roses than *Perle des Jardins*, but the wild briar, common known as the French briar, invariably clubs at the root. Club root is generally supposed to be caused by a fungi in the ground.—Cabbage, turnips and certain weeds often have club root. In these cases it is caused by a two-winged fly which deposits its eggs in the ground around the stem of the plant which quickly hatching into maggots, work their way down the stem to the root, causing it to club. I have seen *Perle*

doing remarkably well even though badly affected by club root, and do not suppose that this alone would cause the roses to look as described. Roses, especially hybrid teas, drop a great many leaves in the fall, being half deciduous. These drop from the base up and it is a decided benefit to the plant at this time of the year, allowing light and air. *Golden Gate* will oftentimes hold onto its leaves until the last moment and then drop them very suddenly, dropping oftentimes more than one would wish.

We suppose that the leaves to which reference is made are dropping from the young shoots at the top of the plant. If this is the case there is something radically wrong with the roses. They probably have been burnt by gas escaping from the furnace, illuminating as well as sewer gas has a bad effect upon roses. By the description one would suppose that there had been burning flour of sulphur upon some hot surface, the effect from these fumes would be much the same as is described.

Roses at this season of the year, especially with the cloudy weather that we are getting, naturally get weak and soft, and susceptible to injury, great care should be taken of them until the turn of the year to keep them hardy and vigorous as possible.

E. W.

DENVER, COLO.—The park board are making extensive plantings of trees, shrubs and wild flowers in furtherance of the beautification of the boulevard system.

NORRISTOWN, PA.—Joseph N. King, the well known florist and also coroner, will, in the next few weeks, erect a large greenhouse in the rear of his nursery, which he will devote to the culture of carnations and American Beauty roses.

#### Some Good Red Bedding Roses.

As a flower suitable for bedding and massing the rose is rising in popularity year by year. There was a time, not so very long ago, when the rose was regarded more or less as a specimen plant; be it standard or bush, we procured one, or perhaps two, of a sort, and planted them in borders with other flowers, and sought for excellence in form, size, and color of the individual flower. We wanted quality, not quantity, and we found what we wanted in the hybrid perpetual. But compared with the modern rose, the true hybrid perpetual has but a short season, the designation "perpetual" simply denoting that, in contrast to the damask from which it sprang, the hybrid perpetual had more than one crop of flowers, not a continuity of flowering from June to October. The hybrid perpetual produced first-rate flowers in its first crop, but the second blooms were only second rate, mere echoes of the first. Ripening set in early; some varieties began ripening at the end of July if the season was dry, and then all was over.

But the coming in of the hybrid tea has changed all this, writes a correspondent in *The Gardeners' Magazine*. We found in it the hardness of the hybrid perpetual combined with the activity of the tea, and, moreover, we found also that the second, and even the third crop of flowers was just as good, and sometimes better, than the first. Nevertheless, the suitability of the hybrid tea rose for bedding purposes was not immediately recognized, and for this reason the hybrid teas, when first introduced, lacked qualities demanded of bedding plants, compactness of growth, floriferousness, and brilliancy.

We had this brilliancy in the hybrid perpetual, such as *Horace Vernet*, *Al-*



fred K. Williams, Charles Lefebvre, Duke of Edinburgh, and the like, but we sought for it in vain in the hybrid tea. Year after year new hybrid teas were introduced, first-rate varieties some of them as regards form, but in color they were no substitutes for the hybrid perpetuals. It was the teas that suffered. We no longer cultivated them to the same extent as heretofore, when it was found we could get the same shade of color in the hybrid teas. So time progressed, and we longed for some good red hybrid teas to take the place of hybrid perpetuals. Demand created supply; slowly, but surely, red hybrid teas are advancing, and, as a result, the hybrid perpetual is waning in popularity. It is not within the scope of this paper to refer to the new roses, except to observe there are now evident signs that before very long we shall have all we want in reds in the hybrid teas. One by one we have had to bid farewell to old favorites of the hybrid perpetuals, few now remain, and these will eventually become memories of the past. The dawn of the twentieth century witnesses the fading of the hybrid perpetual.

And in the class of hybrid teas such reds, such free-flowering reds, such brilliant reds, have come, and are still coming. Varieties, not perhaps up to exhibition standard, but what are far more in demand, fulfilling all the requirements of a bedding flower, compactness of habit, floriferousness, and brilliancy. Experts, specialists may appreciate yellow roses, but the color in popular favor is red. Clearly then in any grouping of beds of roses on the lawn, especially if roses are to be substituted for geraniums, we must have some good reds.

Granted, but what shall they be? If we look through a catalogue we shall find many reds that might suit our purposes; let us select half-a-dozen of the very best. They are not novelties, of this or last season cut from maiden

plants, nor those seen only at the early shows grown under glass, but well tested varieties of some few years' standing, all twentieth century roses, named, in the writer's opinion, in the order of merit; General McArthur, Chateau de Clos Vougeot, Earlate, George C. Waud, Warrior, Richmond. General McArthur, H. T. (Hill, 1905).—A rose of American origin. Very attractive. Color, bright scarlet. Flowers large and full, flat when fully expanded, freely produced on stiff upright stems, growing about twelve to eighteen inches high, compact. Very free flowering, constantly in bloom, good in autumn. Dark green leathery foliage. Very hardy, and a good bedder.

Chateau de Clos Vougeot, H. T. (Pernet-Ducher, 1908).—Color velvet crimson, sometimes scarlet. Flowers of moderate size, buds pointed, expanded blooms cupped shape with deep yellow stamens. Very fragrant and continually in flower. Wood and foliage pale green. Growth dwarf and spreading. The darkest red of all the hybrid teas, the flowers retaining their brilliancy in sunshine and rain. In habit it resembles a China rose. For massing, plant close together.

Earlate, H. T. (Boyntard, 1907).—This rose will supersede that prey to and distributor of mildew, Marquise de Salisbury, which it closely resembles in habit and form of flower. In color the blooms are brilliant scarlet, produced in bunches on upright stems, of medium size, and semi-double. One of the most suitable for massing, as it is constantly in bloom until late in autumn, and the color is dazzling when at its best.

George C. Waud, H. T. (A. Dickson and Sons, 1908).—A most attractive rose on account of its coloring, crimson-orange. It seems to assert itself, for visitors notice it at once, and enquire as to its name. Truly it is a veritable "Top Dog" amongst reds.

The flowers are pointed and full, after the style of the Newtownards rose. Habit is strong, but not too strong for grouping on lawns. Although active in growth, it bears but one to two blooms on a stem, and, therefore, a mass of flowers like General McArthur or Earlate is not to be expected. Nevertheless, its distinctive coloring, free flowering, and late blooming habit makes it suitable for bedding purposes.

Warrior, H. T. (W. Paul and Son, 1906).—In this rose we have a variety eminently adapted for bedding and massing. The flowers, of medium size, are dark red in bud, opening out scarlet-crimson. It blooms constantly, with great freedom, and is a good autumnal.

Richmond, H. T. (Hill, 1905).—An improved Liberty, retaining its color better, and of stronger constitution. The flowers are perfect in shape, pointed. Habit of growth, upright. It is so well known on account of its excellent forcing qualities that no further comment is necessary, except to recommend it as suitable for bedding.

#### Big Prizes for Sweet Peas.

The London Daily Mail offers several prizes for sweet peas, to be exhibited at a special show to be held in London, England, in July of this year, writes Consul General John L. Griffiths. The first prize is £1,000 (\$4,806), the second prize of £100 (\$486), and £50 (\$243), will be offered as a third prize. In addition 1,000 medals will be distributed. Only professional gardeners—that is, those who grow for profit—and amateurs who employ more than one gardener will be allowed to compete. The bunches exhibited must consist of not more than 12 spikes or sprays and not less than three varieties. It is stated a great deal of interest is being shown in the forthcoming exhibition not only in England but in foreign countries, and a large display is anticipated.



ENGLISH VISITORS AT BODDINGTON'S, NEW YORK, APRIL 11, 1911.

Reading from Left to Right, Back Row—J. J. Pepper, Harry A. Bunyard, W. H. Hughes, J. S. Gunn, L. M. Graves, J. Brown, W. A. Call, Alfred T. Bunyard. Front Row—G. Prickett, S. South, C. Pratley, J. S. Brunton, C. Engleman, J. Simpson, E. Barker, S. S. Butterfield, Arthur T. Boddington.



CARNATION VASSAR.

## THE CARNATION.

### American Carnation Society.

#### SECRETARY BUR'S REPORT

Your secretary begs leave to report on the past year's work as follows: The year 1910 may well be considered a very successful one, for the American Carnation Society. After a very successful convention at Pittsburg, Pa., in January, preparations for this present convention were almost immediately taken up, and have kept the secretary's office busy during the entire year. The mails coming in and going out have perhaps never been so large as during the past year.

The membership made its usual slight gain. During the year 1910 we added 57 new names, and against these we have 28 on the delinquent list. Sixteen new names have been added since the first of this year. We now have 244 members in good standing. We have collected the dues as diligently as possible and turned them over to the treasurer, taking his receipt therefor. There is however a good deal standing out.

Five deaths were reported during the year, namely: Lyman E. Crow of New York; Mrs. M. S. Vesey of Ft. Wayne, Ind., who died April 8; W. E. Hall of Clyde, O., who died May 3; Anthony Wiegand of Indianapolis, Ind., who died Dec. 19; Fred Dörner of LaFayette, Ind., who died Dec. 29. To the funeral of Mr. Dörner, who was one of our early presidents, we ordered a wreath of carnations, costing \$15.00, after having first secured the sanction

of the president. Nine members of the society attended the funeral services, which were held on Jan. 3rd.

Complying with instructions given by the last convention, we have had designed a permanent button. The design having been approved by the board of directors, we had 150 of them made, and are pleased to state that most of these have been sold among our members. They were sold at a slight profit to the society. A wide distribution being more desired than a profit. The annual report was gotten out and mailed to all the members, as is customary. The premium schedule for this exhibition was also gotten out in due time. We were able to secure slightly more advertising matter than was carried by last year's list. The amount being exactly 30 pages, amounting to \$300.00. The cost of printing the schedule ran slightly over \$100.00, and we have deferred payment until this meeting approves the account. This transaction is a violation of section six of article two of the constitution, and inasmuch as the printing of this schedule will vary in proportion to the amount of revenue it produces for the treasury, and as we expect and hope to see a recurrence of the same thing each year, we would recommend that the printing of the premium schedule be inserted in that clause which gives permission to spend over \$100.00 for printing the annual report.

We would also recommend a change in section eight of the by-laws. We recommend that instead of compelling a delinquent member to pay up all arrearages, that they be compelled to pay only one year's back dues. This

would cover the time we carried him on the books after the last payment of his dues. Or, that after a certain lapse of time, he be allowed to join as a new member.

The merging of our exhibition with the National Flower Show, was perhaps responsible for most of the activity in the secretary's office. Just how much the society will be benefited, or otherwise, remains to be seen. The liberal premiums, coupled with the rule compelling membership in the society of all competing exhibitors, has brought in several new members. More than usually come in before the convention takes place.

The large increase in the total amount available for carnation premiums, made it necessary to completely rearrange the schedule. The schedule as it is this year, seems much nearer perfect than any we have ever had, in that it provides for a more complete exhibition of the carnation and its possibilities. If this list can be reduced without eliminating too many of the decorative features, it would be a step in the right direction.

To the National Flower Show Committee is due our thanks, for placing at our disposal the generous sum of \$750.00, to be used for premiums at this exhibition. This added to our usual amount of cash, medals and special premiums, made the largest amount of premiums ever offered for carnations, totaling nearly \$1,400.00. The large number of entries shows that the money was wisely distributed. To our friends is due our thanks for the liberal special premiums placed at our disposal.



In conclusion, I wish to add that the society owes its thanks to our Vice-president, E. A. Peirce, for the able manner in which he has handled the local end of the preparations.

A. F. J. BAUR, Secy.

#### Culture of Young Stock.

The young stock being grown along for next season's planting demands considerable time and attention, the increased brighter weather causing them to grow very rapidly now. The early propagated plants that have not been repotted should receive attention at once, by either being shifted into larger pots or planted out on the bench in fresh live soil, to delay this work much longer will cause the plants to become hard and root bound, giving them a severe check. Cuttings taken from the sand the latter part of January and potted into 2½-inch pots are now ready for 3-inch pots. Use a fresh soil, and a little inclined to be light rather than of a stiff clay nature, some of the soil from the carnation pile left over from last season's planting, that has laid out all winter and brought in to dry out and warm up a bit, makes the ideal compost for the potting at this time; it is also the best material to use if the plants are to be planted on a bench. A close application to the young plants' requirements as regards watering is a very important item, and it is a great deal better for the health of the young stock, to run them a little on the dry side. Any soddening of the soil to cause it to sour will quickly ruin the roots of the young plants, and harden and make brittle the growths. Pinching or topping back the shoots requires almost daily attention. Where large numbers for carnation plants are grown, do not put this work off from day to day, but attend to it as quickly as the plants need it. After each potting, for a few days, the plants should have a little higher temperature to help quick root action, but as quickly as the roots take hold of the soil they should not receive more than 45 degrees as a night temperature, with ventilation on every favorable occasion, during the daytime from now on, very little steam heat should be necessary unless the weather becomes very wet and stormy, and then a little steam heat will have to be put on to dry up the atmosphere, but during fine weather give all the ventilation the conditions will permit without causing a cold draught to blow directly on to the plants.

Now is the time to take stock of the young plants on hand, to see if enough have been arranged for to meet the coming season's requirements, if not, another batch of cuttings should be put in. This should be done right away while a steady bottom heat is available to start them off. A week or ten days later will lessen the percentage of successful rooting of the cuttings considerably. If not enough of cuttings from the plants on the place can be obtained buy enough to make up the shortage; it is better to do this now than to put it off for field stock in the fall.

The flowering plants must not be allowed to suffer by letting up in attending to their wants during a rush of other work. Disbudding is considerably more of a big job than it was a few weeks ago, but to neglect this work in any way means a lowering of

the quality of stock, and the increased supply of flowers now coming in every day makes the high quality of the flower a very important factor in their sale. Another item to look out for is to go over the beds occasionally and put the shoots inside the rings, as the stems are very brittle and easily break off in the handling if at all crooked. A mulch of well rotted stable manure and soil should be in order now for all beds that have not been done previously, particularly when it is the intention to carry the plants through to June. A light dressing of bonemeal before putting on the mulch will be very beneficial to the plants, but do not put on the mulch very heavy, enough to cover the bare places and even up the surface is all that is required.

C. W. JOHNSON.

#### Carnation Scarlet Glow in England.

In an interesting article entitled "The best scarlet perpetual carnation," Montagu C. Allwood in the *Gardeners' Magazine* reviews the different varieties of red carnations and writes of the difficulty in obtaining a bright clear color in scarlet seedlings, which often become dull and slaty in midwinter, but, worst of all, as a rule, all red varieties are very prone to fungoid diseases, and it is this which checkmates the grower, often destroying years of hard work.

"Of the old varieties in England, Winter Cheer is the only parent which has produced worthy children, and from this Britannia was obtained, by crossing on to it Mrs. Thomas W. Lawson. One of the best reds that ever came from the United States was America, which was a great red in its day. Portia was bright but small. Vesper never received the attention it deserved. G. H. Crane certainly was good and it is from this variety that some of the best seedlings have come. Flamingo will always live in my mem-

ory. It was, and always will be, my model flower for form. Adonis reached the high water mark for a rich, bright pure color, but the disease! Oh! what a trouble it was in those days. Crusader with its poor color and soft growth could not survive, but Cardinal made a great stride, giving us a glorious rich deep scarlet, a real winter shade, but disease killed Cardinal. Then came the battle royal between Robert Craig and Victory. Robert Craig was not free enough. None of us grow Victory now on account of its being so subject to rust disease. We also have freer flowering varieties. Deiance was an utter failure and the more modern variety, O. P. Bassett, is not adapted to our climate.

"So we have only three scarlet varieties left from which to select the winner—Britannia, Beacon and the new aspirant, Scarlet Glow. Britannia you all know, and undoubtedly have pleasure in its acquaintance. Beacon is certainly more productive than Britannia and pays the commercial grower better. It is not subject to any disease, but, of course, does not make so noble looking a plant, and the flowers are of orange-scarlet shade, and according to the British idea, not so well formed, but Beacon grows much freer than Britannia in midwinter. To my idea, however, the new variety, Scarlet Glow, is head and shoulders the best scarlet perpetual carnation today. The color is the whole thing and is a glorious shade. The flowers have a refined appearance and are of average size. The habit of growth is clean and healthy and its productive power is up to any other variety if, indeed, it could not lead on Beacon, certainly its closest rival."

BEVERLY, N. J.—The carnations were producing such magnificent blooms at the greenhouses of John Cook that he opened the houses during March and invited the public to inspect and admire the plants and flowers.



CARNATION VASSAR.

Front View of Flower.



CARNATION VASSAR.

Rear View of Flower.

**Carnation Vassar.**

The new carnation Vassar, which was shown at the exhibit of the American Carnation Society at Boston, and is herewith illustrated, is a cross of an unnamed seedling and Lady Bountiful. The ground color is white overlaid with pink, the flowers are three and a half inches across and the calyx never bursts. The plant bears no surplus grass, every shoot running quickly to flower, is a constant strong grower, and a prolific producer. The Saltford Flower Shop, Poughkeepsie, N. Y., sponsors.

**Addition to King Construction Co.'s Forces.**

It is announced that E. P. Lovejoy has resigned from the Lord & Burnham Co. and become associated with the King Construction Co. at North Tonawanda, N. Y., becoming vice-president of this concern. Mr. Lovejoy entered the employment of the Lord & Burnham Co. about 14 years ago and worked up through various positions, finally becoming a member of the board of directors, a shareholder in the company and superintendent of the Irvington plant. The King Construction Co. has, in the last year, enlarged its field of operation to include the building of all descriptions of ornamental conservatories and palm houses for private estates, florists' show rooms, parks, etc., many orders for this class of work having already been executed. To satisfactorily handle this department of the business, a new factory building has just been completed on the premises at North Tonawanda and special and most modern equipment is being installed. The acquisition of Mr. Lovejoy, who, in addition to assuming the duties of vice-president, will become superintendent of the plant at North Tonawanda, will be of material benefit to

this new department and to the increasing general business. Mr. Lovejoy during his long residence at Irvington was held in high regard by his many acquaintances and was the recipient of many tokens of esteem by fellow employees on the occasion of his leaving Irvington for North Tonawanda.

**The New Insecticide Law.**

There has been for the past few years a strong crusade against the adulteration of food products, and the impairing of the vital strength of drugs used for medicine, which culminated in the "pure food and drug law;" from this started in various directions laws to regulate and control many other things, among which were insecticides and fungicides. The custom of mislabeling certain lines of goods has been carried on to a blamable extent almost universally, and this abuse hurt and damaged the trade of any manufacturer or merchant who endeavored to sell goods strictly on quality. To stop this was one aim of this law. Now, long experience has taught me that there is no magic in killing "bugs," nor is the crop of insects always the same.

The present law is mainly made up of its penalties. In section seven the last sentence therein, "shall be injurious to such vegetation when used," is a back-acting provision in this wise. No article, either Paris green, lead arsenate, lime-sulphur, kerosene emulsion, sulphur or Bordeaux mixture, but will and does do damage and injury to vegetation, unless used with care, but this section as it reads makes it a penal offense. This was once stricken out, and then again added, when the bill was before congress. A manufacturer is liable for damage no matter how it is brought about. A careless person can do damage, for in killing insects on vegetation one is trying to

destroy a living animal organism upon a living vegetable organism and often on its tenderest parts. With forty years of experience and experimenting in gardening, I have found an over-dose will, and does do, much damage to plants or tender trees. There is widespread fear about handling insecticides engendered by this act, but this is needless, for the law has, as an experienced attorney who paid some attention to it said, "a tail to it," as the insecticide law is framed, to-wit, the "Rules and Regulations" may be onerous or otherwise.

On the whole the intent of the law was to prevent fraud in regard to the formula, but this requirement goes beyond the provision of fraud, because after any person has worked out a good formula, there is no reason, in fairness, why that should be given away, unless it is with the intent of preventing all initiative.

Section nine prescribes for prosecution under the provisions of this act; if any package is sold and the original party complains that "it is no good." I doubt if there ever was a season since potato bugs or cabbage worms first arrived, but what every dealer has had either complaint or packages of standard articles returned because "it was no good," "the bugs grow fat." The fact is seasons vary, and there is no magic in killing bugs. Nevertheless, a merchant in any town may sell shoes by the dozen, and some one gets a pair that was faulty or unsuited, rather than offend the customer he would give him another pair, this is a rule of trade in order to please your customer, but in this act, this is not enough penalty, it is criminal. Long ago in England it was hanging for stealing.

Again, see section eleven. Here we have "if an insecticide or Paris green, or lead arsenate or fungicide offered to be imported into the United States \* \* \* is adulterated or otherwise dangerous to the health of the people \* \* \* it shall be refused admission." Where have insecticides or fungicides ever been offered for sale as health producers? Verily this law is tough on the "Professors" who fathered it. Nevertheless, when a law is once on the statute books, it is not easy to get it off, so as it was gotten up with the best intent, by the entomologists, the chemists and the lawyers of the government, we must be thankful that human beings are not obliged to eat "Bug Medicine"—for all "Bug Medicine" hereafter must be good.

BENJAMIN HAMMOND.

Fishkill on Hudson, N. Y.

**Thomas T. Connor.**

Thomas T. Connor, a well known gardener, died at Holmesdale, Pittsfield, Mass., March 28, after an illness of several weeks from grip with complications of Bright's disease. He was born in Newbridge, County Kildare, Ireland, coming to America in 1866, and entered the employ of William Pollock, Sr., at Greytown, where he remained until 1893, acting as superintendent for many years. He then entered the employ of William Pollock as superintendent of Holmesdale, having at his death been in the employ of the same family 44 years. As a grower of roses he acquired a great reputation. Five sons and a foster daughter survive him. The interment was in St. Joseph's cemetery March 30.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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From the first issue the AMERICAN FLORIST has  
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Advertisements must reach us Tuesday (earlier  
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We do not assume any responsibility for the  
 opinions of our correspondents.

THE AMERICAN FLORIST,  
 440 S. Dearborn St., CHICAGO.

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### A Song in April.

By Charles Hanson Towne.

Sun!—and the rush of the rain  
 Swift through the lilac lane;  
 The joy o' the world and the grief o' the  
 world  
 Be at my window-pane.  
 Love!—and the ancient tears;  
 Hope!—and a hundred fears.  
 The light o' the world and the dark o' the  
 world  
 They follow us down the years.

THE date of Easter in 1912 is April 7.

RENEW subscriptions promptly so  
 that no copies of the papers may be  
 missed.

OUT.—The long-promised book on  
 "The Gladiolus," by M. Crawford and  
 Dr. W. Van Fleet.

It is always bad policy to risk ten-  
 der stock outdoors in advance of the  
 usual time, without adequate facilities  
 for protection.

ONE of Boston's newspaper cor-  
 respondents in writing of the National  
 Flower Show quotes a florist as stat-  
 ing, "That he doubts if any of the men  
 who put thousands of dollars into their  
 exhibits will ever get back a cent. Still  
 that doesn't matter to us, because the  
 real florist falls in love with his work."

### Cape Jasmine Shortage.

TEXAS SPEAKS RIGHT OUT

We are advised that spraying, under  
 the Texas laws, will destroy half of the  
 cape jasmine crop in the vicinity of  
 Alvin this season. This, taken with the  
 statement that "on account of the un-  
 usual weather conditions the past  
 winter, warm followed by a severe  
 freezing temperature, about 60 per cent  
 to 70 per cent of the buds were killed,"  
 we should say about wipes out the  
 crop this season, if the written state-  
 ments of two Alvin specialists in cape  
 jasmines are correct. The few flowers  
 produced probably will be more or less  
 deformed by freezing and spraying and  
 even the commission dealers in vege-  
 tables do not care to handle deformed  
 cape jasmines. We are sorry, of course,  
 for the Alvin specialists, but that ill  
 wind continues to blow and growers  
 having good crops in other sections  
 will profit by these unfortunate con-  
 ditions.

### National Sweet Pea Society.

The National Sweet Pea Society of  
 America will hold their annual con-  
 vention and summer exhibition at  
 Philadelphia, Pa., June 23-24, 1911, un-  
 der the auspices of the Pennsylvania  
 Horticultural Society and in connec-  
 tion with their annual sweet pea exhi-  
 bition.

A guarantee fund for a general list  
 of prizes has been headed by President  
 W. Atlee Burpee, The Henry F. Michell  
 Co., Henry A. Dreer, Inc., Arthur T.  
 Boddington and other seed houses con-  
 tributing. A preliminary schedule will  
 be published in a few days, showing  
 list of prizes, cups, etc., and a gen-  
 eral programme for the convention.  
 Contributions for additional prizes in  
 the form of cash or cups, etc., are in-  
 vited from the trade. The prize list  
 will amount to about \$500.00 which  
 should act as a great stimulus to the  
 lovers of sweet peas, and intending ex-  
 hibitors should make due preparations  
 for this, the third annual exhibition  
 given by our society.

HARRY A. BUNYARD, Secy.

### The Boskoop Exhibition.

The committee of the exhibition of  
 forced shrubs and perennials at Bos-  
 koop, Holland, is receiving much good-  
 will and co-operation on all sides. H.  
 R. H. Prince Henry hopes to be present  
 at the opening and has presented two  
 large medals. His Excellency the Min-  
 ister of Agriculture will deliver the  
 opening speech. The steamboat com-  
 pany, "de Volharding" of Leiden will  
 place a large saloon-boat free of ex-  
 pense at the disposal of the jury, the  
 officials of the Pomological Society and  
 the commission of the exhibition to  
 make a trip to Rotterdam on April 6.  
 The famous harbor works will be seen  
 and the Holland-America line will in-  
 vite the international company to lunch  
 on board of one of its great transat-  
 lantic passenger boats. In consequence  
 of this the opening of the exhibition  
 will be a day earlier and has been fixed  
 for April 5.

C. PH. MOERLAND, Sec.

## RECENT BOOKS.

### The Gladiolus.\*

This is the title of a new book of  
 about 100 pages by Matthew Crawford  
 and Dr. W. Van Fleet, the well known  
 gladiolus experts. The volume is most  
 timely in view of the present world-  
 wide interest in this plant. The prin-  
 cipal chapters are by Mr. Crawford  
 and include: "History and Develop-  
 ment," "Habit of Growth," "Soils and  
 Preparation," "Time to Plant," "Culti-  
 vation," "Digging and Curing," "Glean-  
 ing," "Winter Storage," "Growing from  
 Seeds," "Growing from Bulbs," "Peel-  
 ing Bulblets," "Growing for Specific  
 Purposes," "Crossing or Hybridizing,"  
 "Enemies and Diseases," "What Con-  
 stitutes a Good Variety," "How to Ob-  
 tain a Choice Collection," "How to  
 Keep a Collection Vigorous and Well  
 Balanced," and "Commencing in the  
 Business."

Dr. Van Fleet contributes an ap-  
 pendix covering: "Garden History of  
 the Gladiolus," "Hybridizing Gladiolus,"  
 "Special Care of Seedlings," and  
 "Gladiolus Species." The book is sub-  
 stantially bound in cloth, the cover  
 being decorated with spikes of Gladiolus  
 Princess and inside there are many  
 illustrations showing the more  
 popular varieties. We can now sup-  
 ply copies, price \$1.25, postpaid.

### The Practical Flower Garden.\*

A book with the title of The Prac-  
 tical Flower Garden, from the press  
 of the MacMillan Co., and written by  
 Helena Rutherford Ely, is a volume  
 full of interest to the flower grower  
 and replete with beautiful illustrations  
 both of color plates and half tones of  
 gardens, trees and flowers. It de-  
 scribes the preparation and care of the  
 garden, as well as the proper plants  
 with which to bring about the most  
 desirable effects. A chapter upon the  
 color arrangement of flowers describes  
 how beautiful the garden may be made  
 by adhering to a well planned color  
 scheme. Lawns and their treatment  
 with descriptions of the different grasses  
 and the locations to which they are  
 adapted, as well as evergreen trees,  
 are fully explained. The growth of  
 the seed of both plants and trees is  
 fully covered, and a chapter on fertil-  
 izers and plant remedies cannot but  
 be instructive to any one having a gar-  
 den and needing advice to combat the  
 diseases and insects. The wild gar-  
 den is well treated, and its beauties  
 described, as well as the treatment of  
 terraces to make them beautiful. The  
 chapter on shrubs, vines, plants and  
 bulbs contains a list of the best of the  
 many varieties of these plants, with  
 full descriptions and illustrations that  
 the reader may learn the different  
 plants, their culture and adaptability.  
 The book is interestingly written by  
 one with experience, beautifully print-  
 ed, and a worthy addition to the works  
 on home gardening, and is valuable as  
 a book of reference in garden manage-  
 ment. Price \$2.00.

HACKENSACK, N. J.—Harold Mabie  
 has opened a new flower store on Main  
 street, between the Consolidated mar-  
 ket and the Fair store.

\*We can supply any books here noted on re-  
 ceipt of price quoted.

## Meetings Next Week.

Boston, Mass., April 18.—Gardeners' and Florists' Club of Boston, Horticultural hall.  
 Detroit, Mich., April 17, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
 Grand Rapids, Mich., April 17.—Grand Rapids Florists' and Gardeners' Club, office of member.  
 Montreal, Que., April 17, 7.45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west.  
 Providence, R. I., April 19.—Northern Indiana Florists' Association.  
 New Orleans, La., April 20, 8 p. m.—New Orleans Horticultural Society, Kolbs' hall, 127 St. Charles avenue.  
 Newport, R. I., April 19.—Newport Horticultural Society.  
 Pasadena, Calif., April 21, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 Portland, Ore., April 17, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.  
 Salt Lake City, Utah, April 18.—Salt Lake Florists' Club, Huddart Floral Co., 114 East Second South street.  
 Scranton, Pa., April 21, 7.30 p. m.—Scranton Florists' Club, Guernsey building.  
 Seattle, Wash., April 18.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., April 18, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue, north.  
 Toronto, Ont., April 18, 8 p. m.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—Gardener, 12 years experience; Polish; married. Address Key 420, care American Florist.

**Situation Wanted**—Carnation grower wishes position near Milwaukee or Chicago. Address J. SCHVENK, 68 Wright St., Milwaukee, Wis.

**Situation Wanted**—A position as all around florist; married; no children. Address ADOLPH TESSNER, Hamlet, Ind. R. 1, care of Fred Aradt.

**Situation Wanted**—As working foreman in up-to-date retail place; life experience; exceptional references; married. Address J. H. 334 S. Patrick, Alexandria, Va.

**Situation Wanted**—By gardener on private place; Chicago preferred; 18 years experience; references in Germany, Switzerland and United States. Address Key 417, care American Florist.

**Situation Wanted**—Young lady with a little experience wishes to secure a position in a retail florist store in Chicago. Salary must be at least \$7.00 or \$8.00 to start. Address 420 care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address Key 392, care American Florist.

**Situation Wanted**—As head gardener or foreman in large commercial establishment; has a thorough knowledge of all branches of horticulture; a specialty in orchid culture. Address C. H. M., 15 East Broadway, Port Chester, N. Y.

**Situation Wanted**—As working foreman, by a thoroughly capable grower of roses, carnations, mums, and all kinds of greenhouse and tropical plants and bulbs and the forcing of the same; references. Address Key 433, care American Florist.

**Help Wanted**—A young man of experience for work in private orchid collection; state age, wages, experience, etc. Address Key 432, care American Florist.

**Help Wanted** Young man, experienced at potting and bedding out; must be sober, active and industrious; wages \$12 per week; references required. Address J. C. KENNISON Co., Sioux City, Iowa.

**Help Wanted**—Man to work in and around greenhouses under a foreman; state wages and references; steady job to right man. EDWARD TATRO, 407 E. Iron Ave., Salina, Kansas.

**Help Wanted**—Young man; some experience in drafting; willing to learn landscape architecture and drafting; permanent position to right man; state age, experience, references, salary expected, etc. Address Key 434, care American Florist.

**Help Wanted**—An assistant gardener; all around man; German or Swede preferred; age between 18 and 25 years; single man; sober and good worker; wages \$5 dollars a month, board and room; all the year around. Send references in first letter to

PAUL P. MAILLARD, Chief Gardener, National Soldiers' Home, Maine.

**For Sale**—Florist refrigerator, nearly new; fine condition; 52 in. wide 29 in. deep; cheap. A. G. PRINCE Iowa City, Iowa.

**For Sale**—The best opportunity on earth for a florist with small means. Particulars. Key 428, care American Florist.

**For Sale**—At a bargain if taken at once, 5000 ft. of glass; no competition; can sell as much again as you can grow, at good prices. DWIGHT GREENHOUSES, Dwight, Ill.

**For Sale**—A retail flower store in one of the best localities in Chicago; big chance to make money; poor health reason for selling. Address Key 434, care American Florist.

**For Sale**—Two excellent greenhouses, nearly new each 23x18 ft.; room for three more houses; right in city of 75,000 population, central New York; price low. Address Key 415, care American Florist.

**For Sale Cheap**—Failing health; 9½ acres with 2 greenhouses 20x100; 75 sash; house and barn; drilled well, tank and pumping engine. One block to suburban car line; to center of city one mile; 20,000 population. N. NEY, Second Avenue, Apolitan, Wis.

**For Sale**—Three greenhouses. 500 feet glass, good eight-room house, 2 barns, in smart town, 8000 population, no other within 26 miles; stock, tools, horse and wagons all go. Price \$6,500, part cash. Send for book farm bargains. D. B. CORNELL Co., Great Barrington, Mass.

**For Sale**—Up-to-date retail flower store, established nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. P. KNORR, 223 Bergeline Ave., Union Hill N. J.

**To Rent**—Fine corner store for florist, busy transfer corner 51st street, cor. Indiana Ave. will make rent reasonable. R. SAYRE & Co., 7205 Jeffrey Ave., Phone 2734 Hyde Park.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, near Shemeld and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELSBOK, 941 Wrightwood Ave., Chicago, Ill.

**Open for Bargains or Territory**—Vacuum water heating system. Best and quickest system in existence. Heats large house with twelve radiators (800 sq. ft. radiation) in thirty minutes—cold water. Fifty per cent less piping supplies the radiation. A. T. HOYT, Warren, O.

## Private Place—Gardener.

Is open to engagement; has thorough knowledge of all branches, including landscape work, flower and fruit growing, lawn and park work, greenhouse management, etc.; best references, Key 426, care American Florist.

## WANTED.

At once, a first-class grower of mums, bulbs, potted plants, etc. Married man preferred. State wages wanted.

RED ROCK ROSEARY  
37 Main Street, BRADFORD, PA.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## NURSERYMAN

Thoroughly experienced in landscape work and in the propagation and culture of nursery stock, including trees, shrubs and hardy herbaceous perennials, desires permanent position with western nursery concern specializing in these lines. For further particulars address

Key 427, care American Florist.

## FOREMAN WANTED

To take charge of our large range of greenhouses consisting of 1,000,000 feet of glass. Applicant must be a thorough up-to-date grower of roses, carnations and chrysanthemums and capable of taking charge. A liberal salary will be paid to the right man. For further particulars call on or address

WIETOR BROS., 162 N. Wabash Ave., Chicago.

## Florist and Maker-up Wanted.

A young man of executive ability to take charge of a high class florist shop in New York city. Must be thoroughly experienced, a first-class salesman, and a man of general business ability. A good opportunity for the right person. Wages \$20 per week to start until he can prove his worth. Best of references required. Address

Key 429, care American Florist

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# A BIG CROP OF ROSES

## And Beauties Now on

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST In Effect April 17

#### AMERICAN BEAUTIES

|                  | Per doz.       |
|------------------|----------------|
| Extra long.....  | \$5 00         |
| 24-36-in.....    | \$3 00 to 4 00 |
| 15 to 18-in..... | 1 50 to 2 00   |
| 12-in.....       | 1 00           |
| Short stems..... | 50 to 75       |

#### Rhea Reid

|                        | Per 100         |
|------------------------|-----------------|
| Extra long select..... | \$12 00         |
| Good length.....       | \$8 00 to 10 00 |
| Medium length.....     | 6 00            |
| Short.....             | 6 00            |

#### Maids, Maryland, Killarney, Brides, White Killarney, Kaiserin and Richmond.

|                        | Per 100           |
|------------------------|-------------------|
| Extra select.....      | \$8 00 to \$10 00 |
| Good length.....       | 6 00              |
| Medium length.....     | 4 00 to 5 00      |
| Good short length..... | 3 00              |

#### CARNATIONS

|                                      | Per 100        |
|--------------------------------------|----------------|
| Fancy pink and white.....            | \$3 00         |
| Fancy red, O. P. Bassett.....        | 4 00           |
| Split Carnations.....                | 2 00           |
| <b>HARRISII LILIES</b> .....per doz. | 1 50           |
| " ".....                             | 10 00          |
| Lily of the Valley.....              | \$3 00 to 4 00 |
| Select Pink and White Peas.....      | 1 00 to 1 50   |
| Single Daffodils.....                | 3 00           |
| Tulips.....                          | 3 00 to 4 00   |
| Adiantum.....                        | 1 00           |
| Asparagus.....per string             | 50             |
| Asparagus Sprays.....                | 3 00 to 4 00   |
| Ferns.....per 1000                   | 3 00           |
| Galax, Green.....per 1000            | 1 25           |
| Bronze.....per 1000                  | 1 25           |
| Smilax.....per doz. 2 00 to 2 50     |                |

By Direct of the Grower and Get Fresh Stock

## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

#### Chicago.

##### EASTER PREPARATIONS.

Getting ready for the great floral week is occupying the attention of every branch of the business. The weather for the last month has been unfavorable for almost all kinds of stock, and some crops, even with Easter as late as it is, are still backward. The plantmen are busy delivering their orders and some very fine specimens are seen. Lilies are generally very good, but there are a great many short plants, especially among the gigantes, but it looks as if there would be plenty to supply all demands. Hydrangeas are in splendid shape, and some very fine azaleas and rambler roses are to be seen, and there is a large quantity of spiraea, but the plant growers are about cleaned out and there is no stock to call upon when those on hand are sold. In the cut flowers, there is a large quantity of lilies and callas. Roses are in good supply with the exception of American Beauty, which is still being received in limited quantities. The long dark spell seems to have been felt more severely by the growers with this rose than by any other crop in the market. Killarney, White Killarney, Richmond, Bride, Bridesmaid, My Maryland and Mrs. Jardine are received in large quantities and some elegant stock is to be found on the market. Carnations have fluctuated all the week, the prices rising and falling, but generally have held at good figures. Some of the dealers say that the supply of carnations will be short, but the prevailing opinion is that there will be plenty to meet all of the requirements. Orchids are in plentiful enough supply to fill all the orders. Violets are more plentiful than was expected the weather having been very favorable. Lily of the valley is in good supply,

and some of the stock is of excellent quality. Sweet peas in all colors are very plentiful and of several grades, from very short stems to fine stock. Bulbous stock is nearing the end as far as the greenhouse product is concerned, but there is a good stock of frame grown, and there will be enough to supply the Easter trade. Some extra fine antirrhinum is to be had and in many colors. Marguerites both yellow and white, are exceptionally fine, some very large flowers to be seen. Fancies are in good supply, and the large calendulas are very bright and attractive. The wholesale houses started with their long shipments the middle of the week, and the indications were that there would be very large and satisfactory business. With the exception of carnations, prices have advanced but very little. In the greens there is plenty of asparagus of both kinds and a good supply of smilax, but hardy ferns are very short and have touched a record price for this season of the year.

##### NOTES.

Bassett & Washburn are commencing to cut their spring crop of American Beauty roses, which is two months late, the crop is in splendid condition and the supply will soon equal the demand. The carnation cuts are very large and some excellent blooms of high quality can be seen at the store this week. Mr. Washburn says the advance orders for Easter have been very large and satisfactory.

The Geo. M. Garland Co. is experiencing a very busy season and all hands are kept busy turning out material for the many orders that have been booked. Mr. Garland recovered sufficiently from a recent attack of pleurisy to be at work on April 10. B. J. Maynard returned on the same day from a successful eastern trip includ-

ing Detroit, Cleveland, Buffalo, Syracuse and other cities.

Stollery Bros took second prize in the Wilson avenue carnival parade Friday night, April 7, and they also had on Saturday a very handsome window display in yellow and red, the emblematic colors of the occasion, a combination of Von Sion narcissus and Mme. Van der Cruyzen azaleas.

John Canger, of Canger & Gormley, reports trade fair with plenty of funeral work, a good business has already been done in Easter plants, of which a large number have been sold. Mr. Canger has secured the valuable services of Fred Strail, the well-known florist of this city.

Myron H. West has resigned his position as secretary of the Lincoln Park board and superintendent of the system to enter business on his own account. Mr. West has been connected with the park for about five and one-half years.

George Perdikas, 407 South Wabash avenue, inserted a half page advertisement in last week's issue of the Preston Times, published in Jackson County, Ia.

A. L. Vaughan, of Vaughan & Sperry, says that Friday, April 8, was the busiest day they had had for over a month, out of town trade being very lively.

Following custom, there will be no flowers allowed in the council chamber next Monday night, April 17, when Mayor-elect Harrison and other new officials will be inaugurated.

W. C. Johnson, formerly traveling representative for E. H. Hunt, has opened a store in Grand Forks, N. D.

Emil A. Danz, who was confined for several weeks with a severe attack of rheumatism, is able to be about again and was seen in the local market on April 10.

# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

## Can Supply Finest EASTER LILIES

Up to Last Day, Saturday,  
April 14, 1000 to 10,000  
in finest condition at  
**\$100.00 per 1000.**

### EASTER PRICE LIST:



We cannot supply  
Beauties for Easter  
as we are off crop.

|                          | Per 100.       |
|--------------------------|----------------|
| KILLARNEY, special       | 12.00          |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| RICHMOND, special        | \$12.00        |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| MY MARYLAND, special     | 12.00          |
| Fancy                    | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |
| WHITE KILLARNEY, special | 12.00          |
| Select                   | 10.00          |
| Medium                   | \$6.00 to 8.00 |
| Good Short               | 4.00           |

|                                                    |                |
|----------------------------------------------------|----------------|
| PERLE, long                                        | Per 100.       |
| Medium                                             | 6.00           |
| Our Extra special grade Roses charged accordingly. | 4.00           |
| CARNATIONS, fancy                                  | 5.00           |
| “ firsts                                           | 4.00           |
| “ common                                           | 3.00           |
| ORCHIDS, Cattleyas, per doz.                       | 6.00           |
| CALLAS, per doz., \$2.00                           | 12.00 to 15.00 |
| JONQUILS                                           | 3.00           |
| DAFFODILS                                          | 3.00           |
| TULIPS                                             | \$3.00 to 4.00 |
| SPANISH IRIS                                       | 8.00           |
| VALLEY                                             | 3.00 to 4.00   |
| MIGNONETTE, large spikes                           | 4.00           |
| SWEET PEAS                                         | \$0.75 to 1.00 |
| ADIANTUM CROWEANUM                                 | \$1.00 to 1.50 |
| SMILAX                                             | per doz., 2.00 |
| SPRENGER, PLUMOSUS SPRAYS                          | 3.00 to 4.00   |
| PLUMOSUS STRING                                    | each .60       |
| FERNS                                              | per 1000 3.50  |
| GALAX                                              | per 1000 1.25  |
| LEUCOTHOE                                          | per 100 .75    |
| BOXWOOD, per bunch, 35; per case of 50 lbs         | 7.50           |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISH LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other.



**U S Budlong's**  
**E Blue Ribbon Valley.**

**We**  
**Are**

**U S Budlong's**  
**E Blue Ribbon Valley.**

# Open for Business

IN OUR NEW AND MUCH LARGER QUARTERS AT

**82, 84 and 86 East Randolph St.**

Where we are much better equipped than ever before to handle all orders

## FOR EASTER

Quality Speaks Louder Than Prices

**Buy Direct**  
**From the**  
**Grower.**

# J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES**  
**and CARNATIONS**  
**A Specialty.....**

**WHOLESALE**  
**GROWER OF**

# CUT FLOWERS

**L. D.**  
**Phone**  
**Central**  
**3120**

E. C. Amling returned on Friday, April 7, from a most enjoyable visit at Orange, Calif. He was very much interested in what he saw in the several greenhouses that he visited, and was particularly impressed with the splendid condition of the collection of orchids of the El Reah Nursery, Hollywood, which is in charge of our old friend H. R. Richards. Mr. Amling met with a surprise upon his return, as the young ladies of the store had rearranged and decorated the office, giving it a cozy and homelike appearance.

The Batavia Greenhouse Co. is erecting two new greenhouses which will be devoted to the growing of ferns, three additional carnation houses will be built later in the season. This firm is cutting a choice grade of long stemmed American Beauty roses which are being sold at their stand in the Flower Growers' Market.

The Mrs. Jardine roses at Wieter Bros.' store are of as fine quality as is often seen. The stems are exceptionally long, with beautiful foliage carrying extra large flowers of splendid color. A change in the management at the greenhouse is contemplated and the firm is on the lookout for a competent foreman.

Phil Schupp, of J. A. Budlong's, says that business has been exceptionally good since they have occupied their new store at 82-86 East Randolph street. Roses and carnations are arriving in quantity large enough to meet all demands.

The display of Easter plants at Garfield Park is a sight worth seeing, and thousands of the residents of the city are embracing the opportunity of admiring the beautiful collection that adorns the greenhouses.

Harry Manheim visited the Hoerber Bros.' greenhouses at Des Plaines on



## ORCHIDS

For Easter

I will have a fine lot of Cattleyas, Dendrobiums, assorted Orchids, Gardenias, Lilies, Roses, Carnations, Bulbous flowers and all seasonable cut flowers and decorative Greens, Supplies of all kinds. Send for complete price-list, pot plants of all kinds. Let me book your order now on all your requirements.

**CHAS. W. MCKELLAR**

**162 N. Wabash Avenue,**  
**CHICAGO.**

April 9, and reports both the roses and carnations in good crop for Easter and says, all that is needed now are the orders. Both local and shipping trade have been very brisk all the week.

A novelty for the season was seen at the store of the J. B. Deamud Co. bunches of laurel (*Kalmia latifolia*) in bloom, which was eagerly taken by the trade. A fine lot of pot lilies was also to be found here.

Tim Matchen, store manager for Peter Reinberg says that they will be able to fill all Easter orders for short

**U S Budlong's**  
**E Blue Ribbon Valley.**

stemmed American Beauty roses as they are now cutting very heavily of that grade.

# EASTER

A Large Supply of **ROSES**

**Extra fancy KILLARNEY, WHITE KILLARNEY, RICHMOND, BRIDE, BRIDESMAID, and AMERICAN BEAUTIES.**

## EASTER LILIES

**Cut or in pots. Prices right. We have a large quantity of both, and will be pleased to fill your order now. We have the Best Stock in the Chicago Market--Bar None.**

## CARNATIONS

**A Large Supply in all the Leading Varieties, on long stems, with splendid blooms and foliage.**

# HOERBER BROS.

**Wholesale Growers of Cut Flowers**

**162 North Wabash Ave.,**

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

Zech & Mann prepared for the Easter rush of business by lining their boxes on the evening of April 7. The snapdragons and other stock seen at the store this week is of the first quality.

John Sinner, of Sinner Bros., reports that he will be well able to take care of all Easter orders for Killarney and White Killarney roses and carnations, as he has a good supply of all of these flowers.

George Reinberg is cutting a large quantity of Richmond roses of good quality, a good supply of American Beauties of the long stem grade are daily offerings.

E. H. Hunt's traveling representative, A. F. Longren, returned on April 10, from a two month's trip, and is assisting at the store during the Easter rush.

Chas. W. McKellar is finding a ready sale for the large quantity of narcissus that he is receiving, the variety Emperor is especially in great demand.

Henry Van Gelder, of Percy Jones, is replacing his old tables with new

## "The Busiest House in Chicago"

**Everything you want in cut flowers.**

**J. B. DEAMUD CO.**

Long Distance Phone  
Central 3155

**160 N. Wabash Ave., CHICAGO**

ones and now has 750 square feet of table service.

The annual meeting of the Horticultural Society was adjourned April 11 subject to the call of the president.

H. A. Fisher, of Kalamazoo, Mich., paid the city a visit on February 8, returning home the same evening.

Kennicott Bros. Co. have installed another telephone, which will be used for incoming calls only.



# Do Not Hesitate

**To Order at the Last Minute. There Will Be Plenty of Stock for All**

Not only will you find our prices right, but the high quality of the stock we send out will make and keep you customers. Every order gets our personal attention, and we are confident we can give you every satisfaction. We are strong on

## Roses, Carnations, Bulb Stock, Lilies, Callas and all Spring Stock

**If anyone has it in this Market WE HAVE**

### PRICE LIST

| BEAUTIES                      |                 | Per doz. |
|-------------------------------|-----------------|----------|
| Long stems.....               | \$6 00          |          |
| 30 to 36-inch stems.....      | 5 00            |          |
| 20 to 24-inch stems.....      | \$3 00 to 4 00  |          |
| 15 to 18-inch stems.....      | 2 00 to 2 50    |          |
| 12-inch stems.....            | 1 50            |          |
|                               |                 | Per 100  |
| Killarney, special.....       | \$12 00         |          |
| " fancy.....                  | \$8 00 to 10 00 |          |
| " good.....                   | 5 00 to 6 00    |          |
| White Killarney, special..... | 12 00           |          |
| " fancy.....                  | 8 00 to 10 00   |          |
| " good.....                   | 5 00 to 6 00    |          |
| Richmond, special.....        | 12 00           |          |
| " fancy.....                  | 8 00 to 10 00   |          |
| " good.....                   | 5 00 to 6 00    |          |

|                             |                   | Per 100 |
|-----------------------------|-------------------|---------|
| Brides and Bridesmaids..... | \$5 00 to \$10 00 |         |
| Maryland.....               | 5 00 to 12 00     |         |
| Mates and Uncle John.....   | 5 00 to 10 00     |         |
| Perle.....                  | 5 00 to 5 00      |         |
| ROSES, our selection.....   | 4 00              |         |
| ORCHIDS, Cattleyas.....     | 5 00 to 7 50      |         |
| CARNATIONS.....             | 3 00 to 4 00      |         |
| special fancy.....          | 5 00              |         |

| MISCELLANEOUS      |                    | Per 100 |
|--------------------|--------------------|---------|
| Callas.....        | \$12 00 to \$12 50 |         |
| Easter Lilies..... | 12 50 to 15 00     |         |
| Valley.....        | 3 00 to 4 00       |         |
| Sweet Peas.....    | 75 to 1 25         |         |

| MISCELLANEOUS   |                    | Per 100 |
|-----------------|--------------------|---------|
| Tulips.....     | \$ 3 00 to \$ 4 00 |         |
| Daffodils.....  | 3 00 to 4 00       |         |
| Jonquils.....   | 3 00 to 4 00       |         |
| Mignonette..... | 35 to 75           |         |
| Violets.....    | 50 to 1 00         |         |

| GREENS                              |                          | Per 100 |
|-------------------------------------|--------------------------|---------|
| Asparagus Plumosus, per string..... | \$0 50                   |         |
| Sprengeri, bunch.....               | \$0 25 to 50             |         |
| sprays.....                         | 35 to 50                 |         |
| Smilax.....                         | 1 50                     |         |
| Fancy Ferns.....                    | per 1000, 4 00           |         |
| Adiantum.....                       | per 100, 1 00            |         |
| Galax Leaves.....                   | per 1000, 1 00 to \$1 25 |         |
| Boxwood.....                        | 50-lb. case, 7 50        |         |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751

**161 N. Wabash Ave., CHICAGO**

J. D. Smedley, of Smedley & Co., Fargo, N. D., was in the city this week getting figures on material for several greenhouses which they intend to erect this season. This firm has been incorporated with a capital stock of \$12,000, the principal stockholders being the leading business men of the city. Mr. Smedley reports trade in all lines good, both at this and their Miles City, Mont., store.

Pechmann Bros. Co.'s lilies are of fine quality and they are filling some very large orders of both out flowers and pot plants. They still have a large quantity of plants on hand which will enable them to fill all orders up to the last minute. The Richmond and other roses that this firm is cutting are of unsurpassed quality.

The Chicago Carnation Co. is in good crop, with a large supply of carnations of exceptionally good quality. Plenty of all other seasonable stock was seen at the store this week.

The Geo. Wittbold Co. reports a very busy season, the demand for Easter stock being exceptionally brisk.

Leopold Koropp was awarded first prize for window decoration in the Wilson avenue carnival last week.

Sam Pearce is bringing in an exceptionally fine grade of double tulips.

MIDDLETOWN, N. Y.—Edwin A. Lorentz is making extensive repairs and additions to his greenhouse plant.

ROCHESTER, N. Y.—Prof. A. C. Beal of Cornell University addressed the Florists' Association at the meeting held April 3.

SOUTH NORWALK, CONN.—Traenldy & Schenck have started the erection of another greenhouse larger than any of the others they now have. The length will be 600 feet.

### Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Union Restaurant April 6, President Philpott in the chair. There was a good attendance and new members were elected as follows: Frank J. Kral, Jr., 1907 Halsted street; Wm. Harbittz, 3435 W. Chicago avenue; Gustav L. Klimmick, corner St. Clair and Illinois streets; and Edw. A. Ollinger, 440 South Dearborn street. Vice President Kohlbrand and Alex. Henderson spoke of the visit of the British Horticultural Traders and C. W. Johnson and A. T. Pyfer described some of the more striking features of the National Flower Show at Boston.

John J. Davis, who has been doing some excellent entomological work among the greenhouse men of Chicago and vicinity under the direction of Dr. S. A. Forbes of the Experiment Station at Urbana, made some interesting comments on his work and intimated that bulletins on the injurious insects of this section would shortly appear, including a bulletin on thrips. Mr. Davis leaves Illinois shortly to take up other entomological work at LaFayette, Ind., and introduced D. K. MacMillan as his successor in the local work. Mr. MacMillan has been working on government work at Brownsville, Texas, and should be given the hearty co-operation of all florists in his new field. His address is 4022 Irving Park boulevard.

In the brief discussion following Mr. Davis' remarks, W. J. Keimel, of Elmhurst, recommended paris green and brown sugar for thrips (one part paris green to five parts sugar) to be applied as a spray (one ounce of this mixture to one gallon of water) at night and washed off by spraying with water before the sun strikes the plants. Another speaker recommended the use of

## U S Budlong's E Blue Ribbon Valley.

red pepper on heated bricks while the plants are fully exposed to sunshine, not at night or in dull weather as generally practiced.

Allie Zeck reported that the bowlers were delightfully entertained by the Milwaukee florists on the occasion of their recent trip to and bowling match in that city, and a return match in Chicago is talked of, the date, after Easter, to be announced later. The Wisconsin city has proved so alluring that there is a movement afoot favoring a joint meeting there of the two clubs next month.

The sports committee was instructed to get busy on picnic plans. G. Swenson, of Elmhurst, exhibited some attractive sweet peas.

### Chicago Bowling.

The standing of the teams is as follows, with the number of games won and lost by each team to date:

| Won Lost        |       | Won Lost     |       |
|-----------------|-------|--------------|-------|
| Orchids.....    | 56 19 | Roses.....   | 31 44 |
| Carnations..... | 39 36 | Violets..... | 25 50 |

Individual averages for games played this season:

|               |           |                |           |
|---------------|-----------|----------------|-----------|
| Fisher.....   | 168 44/57 | Winterson..... | 153 37/42 |
| A. Zeck.....  | 168 23/69 | Duggan.....    | 153 16/51 |
| Yarnall.....  | 167 37/51 | Schultz.....   | 152 25/72 |
| J. Zeck.....  | 161 1/63  | Huebner.....   | 151 61/75 |
| Farley.....   | 160 33/66 | Lorman.....    | 147       |
| Friedman..... | 159 29/45 | Byers.....     | 141 24/57 |
| Ayres.....    | 157 70/72 | Goersch.....   | 140 23/57 |
| Wolff.....    | 157 70/72 | Krauss.....    | 139 67/72 |
| Graff.....    | 155 53/72 |                |           |

# Large Crop of Roses

Of all the best varieties. The quality is perfect and there are no better flowers coming into this or any other market.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

## PRICE LIST:

### AMERICAN BEAUTIES

|                  | Per doz.    |
|------------------|-------------|
| Extra long stems | \$6 00      |
| 36 inch stems    | 5 00        |
| 30 inch stems    | 4 00        |
| 24 inch stems    | 3 00        |
| 20 inch stems    | 2 50        |
| 15 inch stems    | 2 00        |
| 12 inch stems    | 1 50        |
| Short stems      | 75c to 1 00 |

Per 100

|                 |        |                   |
|-----------------|--------|-------------------|
| Richmond        | Select | \$8 00 to \$10 00 |
| Killarney       | Medium | 5 00 to 8 00      |
| White Killarney |        |                   |
| My Maryland     |        |                   |
| Mrs. Field      |        |                   |
| Uncle John      | Select | 8 00 to 10 00     |
| Bride           | Medium | 5 00 to 8 00      |

|                      |          |                   |
|----------------------|----------|-------------------|
| Ivory                | } Select | \$8 00 to \$10 00 |
| Sunrise              |          |                   |
| Perle                | } Medium | 5 00 to 8 00      |
| Roses, our selection |          | 4 00              |
| Carnations           |          | 3 00 to 4 00      |
| Fancy                |          | 5 00              |
| Harrisil             |          | 12 50 to 15 00    |
| Valley               |          | 3 00 to 4 00      |
| Violets              |          | 75 to 1 00        |
| Sweet peas           |          | 75 to 1 00        |
| Tulips               |          | 4 00 to 5 00      |
| Jonquills            |          | 4 00              |
| Daffodils            |          | 3 00 to 4 00      |
| Adiantum             |          | 1 00              |
| Asparagus, per bunch |          | 50                |
| Ferns, per 1000      |          | 3 50 to 4 00      |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

### Albany, N. Y.

There were seven propositions for membership at the April meeting of the Albany Florists' Club and definite action upon them will be taken at the May meeting. The members proposed are: James G. Barrett, Troy; Frank P. Billson, Albany; S. Hanson, Troy; R. W. Billson, Troy; Otto Sucker, Albany; James J. Cairns, Philadelphia, and Rupert E. Hall, New York. Letters were read acknowledging the receipt from the club of floral pieces from the families of George H. Price, James Warner, Charles Huested, Louis and Felix Menand, all of whom had lost members by death within the past few months. An interesting discussion on Mothers' Day, Sunday, May 14, was brought up by President Frederick A. Danker, and the club decided to pursue a course similar to last year, when the members donated to the Albany Mothers' Club white carnations to be sold for the occasion. The Mothers' Club will in return promote the sentiment of the day by judicious advertising and interesting articles in the local press. President Danker had with him a large number of articles printed in local papers last year, through the influence of the Mothers' Club, and the consensus was that the sale of flowers was much stimulated thereby. Frederick Goldring, in behalf of the local contingent that attended the S. A. F. show in Boston, made an interesting and some-

what detailed report. Patrick Hyde, chairman of the entertainment committee, presented his resignation on account of the pressure of numerous duties, and the president appointed Louis Schaefer in his stead. Chairman Schaefer's idea of the duties of the social committee is to provide some form of entertainment at least every other month, which he believes encourages the attendance. The first of these social and business gatherings will be at the May meeting, when a smoker will be provided. A vote of thanks was extended to Mr. Hyde for his very capable management of the March show and meeting, and he in turn was able to report all bills for the affair paid. Fred Goldring, named at the February meeting a representative to co-operate with other florists' clubs in the state to secure an appropriation of \$50,000 from the legislature for experimental greenhouses, reported that the measure will undoubtedly pass. It is proposed to establish the greenhouses in connection with the state agricultural college at Cornell University. R. D.

MIDDLETOWN N. Y.—A man on horseback destroyed 35,000 garden plants in greenhouses of this city recently.

HILLSDALE, MICH.—Thomas Evans, a well known rose grower of Chicago, has taken a position as grower and manager of the Hirsch greenhouses.

### Louisville.

The prospects for Easter are good, but owing to the backwardness of the season there will be a shortage of plants such as azaleas, rhododendrons and bulb stock. Flowers are fairly plentiful and narcissi have been very cheap the whole season.

### NOTES.

Nanz & Neuner have completed a conservatory about 20 by 50 feet at the rear of their new store, which will be a great convenience for the Easter business.

A portion of the establishment of The Kunzman Floral Co. being on leased ground, the land was bought last week for a consideration of \$3,200.

Mrs. Geo. Hodges, for many years a florist, has decided not to rebuild the greenhouses, which were burnt, and will retire from the florist business.

Jacob Schulz has displayed in his window some very beautiful blue forget-me-nots in white fern dishes.

Ed Heitz has a fine lot of lilies, but will be a week too late for Easter. He is generally very successful.

Reynolds & Struck have a fine crop of carnations and lilies which will be just right for Easter.

F. Walker & Co. will add 5,000 feet of glass the coming season.

H. G. W.



# Full Crop for Easter

## ....EASTER PRICE LIST....

Subject to change without notice

### BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$6 00   |
| 36-inch stem..... | 5 00     |
| 30-inch stem..... | 4 00     |
| 24-inch stem..... | 3 00     |
| 20-inch stem..... | 2 50     |
| 16-inch stem..... | 1 50     |
| 12-inch stem..... | 1 25     |
| Short stem.....   | 1 00     |

|                                         | Per 100            |
|-----------------------------------------|--------------------|
| Killarney, select.....                  | \$ 6 00 to \$ 8 00 |
| "    medium.....                        | 2 00 to 4 00       |
| Jardine (finest pink rose), select..... | 6 00 to 8 00       |
| "    medium.....                        | 2 00 to 4 00       |
| Bride, select.....                      | 6 00 to 8 00       |
| "    medium.....                        | 2 00 to 4 00       |
| Maid, select.....                       | 6 00 to 8 00       |
| "    medium.....                        | 2 00 to 4 00       |

|                            |                    |
|----------------------------|--------------------|
| Uncle John, select.....    | \$ 6 00 to \$ 8 00 |
| "    medium.....           | 2 00 to 4 00       |
| Richmond, select.....      | 6 00 to 8 00       |
| "    medium.....           | 2 00 to 4 00       |
| Carnations, fancy.....     | 2 50 to 3 00       |
| "    good.....             | 1 50               |
| "    splits.....           | 1 00               |
| Easter Lilies, medium..... | 12 50              |
| "    long.....             | 15 00              |
| Callas.....                | 12 00 to 15 00     |
| Tulips.....                | 3 00 to 4 00       |
| Daffodils.....             | 3 00 to 4 00       |
| Valley.....                | 3 00 to 4 00       |
| Violets.....               | 1 00 to 1 25       |
| Sweet Peas.....            | 75 to 1 25         |
| Ferns.....                 | 4 00               |

All Green Goods at market rates.

ROSES, our selection, - \$3.00 per 100

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

### Cincinnati.

#### VARIABLE BUSINESS.

The early part of last week's business dragged somewhat, but at the close things moved rapidly. Saturday showed almost a clean up of the very large receipts in the wholesale houses, when the day opened. Some carnations advanced in price. The demand for this flower was exceptionally good, white and Enchantress having the largest call. The supply of roses is large and up till the beginning of this week sold at about the same figure as at last writing. Notwithstanding the increased demand, Killarneys and Richmond are A 1 in quality, while Brides and Bridesmaid are not taking second place by any means. The supply of bulbous stock seems to have been adequate. Very many boxes of out door Jonquils are being shipped in regularly. The amount of Easter lilies during the past fortnight has been adequate, and the blooms have been selling at fair prices. The same also applies to callas. The supply of lily of the valley is enough to fill all orders. Choice sweet peas have no trouble in finding buyers. The green goods market is ample.

#### CLUB MEETING.

The Florists' Society held its regular monthly meeting at the club rooms. Flower show matters were discussed. The guarantee fund for this show is now \$35,025. Those who have not received advance schedules should write to Wm. Murphy, 309 Main street, for one. President C. E. Critchell and R. Witterstaetter told those present what they saw at the Boston show. They both pronounced it the best that was ever staged.

#### NOTES.

The florists in the flower market have their stands heavily laden principally with cut flowers and blooming plants, but unfortunately a hard shower in the afternoon killed business for them and at closing, considerable stock was left over.

The Bowling Club meets next April 17 at Finke and Craig's. Let all the members turn out and show that the Easter rush did not take all of the stamina out of them.

# CUT FLOWERS

### EASTER PRICE LIST

| ROSES                                           | Per 100          | CARNATIONS                                           | Per 100         |
|-------------------------------------------------|------------------|------------------------------------------------------|-----------------|
| American Beauty..... per doz., \$1 50 to \$6 00 |                  | Common.....                                          | \$3 00          |
| White Killarney.....                            | 5 00 to 12 00    | Select, large and Fancy.....                         | 4 00            |
| Killarney.....                                  | 5 00 to 12 00    | Special.....                                         | 5 00            |
| My Maryland.....                                | 5 00 to 12 00    | Splits.....                                          | 2 00            |
| Richmond.....                                   | 5 00 to 12 00    |                                                      |                 |
| Extra special roses billed accordingly.         |                  |                                                      |                 |
| MISCELLANEOUS                                   | Per 100          | DECORATIVE                                           | Per 100         |
| Orange Blossoms.....                            | \$1 00 to \$1 50 | Asparagus Plumosus..... per string, \$0 50 to \$0 75 |                 |
| Violets, double.....                            | 0 75 to 1 00     | "    per bunch, 35 to 50                             |                 |
| single.....                                     | 50 to 75         | Asparagus Sprengerii..... per bunch, 25 to 50        |                 |
| Sweet Peas, fancy.....                          | 1 25             | "    Per 100.....                                    |                 |
| medium.....                                     | 75 to 1 00       | Adiantum, fancy, long.....                           | \$ 1 00         |
| Easter Lilies.....                              | 12 50 to 15 00   | Farleyense.....                                      | \$8 00 to 10 00 |
| Callas.....                                     | 12 50 to 15 00   | Smilax..... per string 20c; per doz. \$1 50          |                 |
| Valley, select.....                             | 3 00             | Mexican Ivy..... per 1000, 6 00                      |                 |
| special.....                                    | 4 00             | Ferns.....                                           | 4 00            |
| Daisies, white and yellow.....                  | 1 00 to 2 00     | Galax.....                                           | 1 00            |
| Jonquils.....                                   | 3 00             | Leucothoe Sprays.....                                | 75              |
| Daffodils.....                                  | 3 00             |                                                      |                 |
| Paper Whites.....                               | 3 00 to 4 00     |                                                      |                 |
| Tulips.....                                     | 3 00 to 4 00     |                                                      |                 |
| Orchids, Cattleyas..... per doz.                | \$ 75            |                                                      |                 |
| Gardenias.....                                  | 4 00             |                                                      |                 |

#### Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

## Chicago Carnation Co.

A. T. PYFER, Manager.  
Phone Central 3373.

30 E. Randolph St., CHICAGO

Max Rudolph has a fine crop of lilium giganteum for Easter. They are just right and on last Monday he practically had orders for every bloom.

Visitors, L. A. Thomas, of Troy; J. A. Keller, of Lexington, Ky. H.

SPRINGFIELD, MASS.—John W. Adams the veteran nurseryman of this city, died March 11, aged 82 years. The funeral was held March 14.

BRIDGEWATER, MASS.—A modern greenhouse will be erected at the Normal school at a cost of \$6,200, a gift of one of the graduates, which will greatly increase the efficiency of the course in natural science.

## U S Budlong's

### E Blue Ribbon Valley.

GREENWICH, CONN.—J. B. McArdle has opened a flower and seed store in the Merritt building on Greenwich avenue. For the past seven years he has represented the Vaughan Seed Store of New York as a salesman, and is well known in this section.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

163-165 N. Wabash Ave. **Chicago**  
L. D. Phone Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 162 N. Wabash Avenue CHICAGO

### Pittsburg.

STOCK PLENTIFUL.

From the present outlook the prospects for Easter are good, the last few days of sunshine is bringing out the flowers, and there will be no scarcity of anything. Lilies are overabundant; prices are very low.

### NOTES.

The Florists' and Gardeners' Club held their meeting at the Fort Pitt Hotel, April 4. The subject was Easter plants, with a very fine display, and cultural certificates were awarded to F. Bartsch for azaleas and cinerarias; Phipps Conservatory Schenley Park, fine assortment plants; Phipps, North Side, white and pink spiraea, gemstas and hydrangeas; J. Bader Co., fine assortment of plants. P. S. Randolph gave a talk on Easter plants and the flower show at Boston. W. A. Clark spoke on bulbs.

A. T. Lorch and F. H. Hoffmeister have opened a flower store at 402 Smithfield street. Mr. Lorch is a large carnation grower, shipping his product to this market.

J. N. Thomas, Greensburg, intends to open a new store in Scottsdale. DeForest Ludwig is home from college for a few days.

Chas. Dougherty, McKeesport, was very unfortunate last week, having all his Easter plants destroyed by fire.

B. F. Engle, Rochester, is building a new storeroom adjoining his greenhouses.

Thos. Fitzgerald, Beaver, is putting in concrete benches throughout his plant. J.

CANTON, MASS.—John Fletcher of Newton has purchased a farm of 13 acres on Mountain street and will erect greenhouses and engage in the florist business.

MADISON, N. J.—Minnie B. Lyons is suing Edgar H. Behre for rental due on her greenhouse, and Mr. Behre is endeavoring to secure reimbursement for damages, on account of the poor condition of the houses, and the installing of a new boiler too late to save the crop.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, April 12.                 | Per doz.            |
|------------------------------------|---------------------|
| Roses, Beauty, specials.....       | 6 00                |
| " " 36 in.....                     | 5 00                |
| " " 30 in.....                     | 4 00                |
| " " 24 in.....                     | 3 00                |
| " " 18 to 20 in.....               | 2 00@ 2 50          |
| " " 12 to 15 in.....               | 1 00@ 1 25          |
| " " Short stem.....                | Per 100             |
| " " Killarney.....                 | 4 00@ 6 00          |
| " " White Killarney.....           | 4 00@ 12 00         |
| " " Richmond.....                  | 4 00@ 12 00         |
| " " My Maryland.....               | 4 00@ 12 00         |
| " " Cardinal.....                  | 5 00@ 10 00         |
| " " Perle.....                     | 4 00@ 6 00          |
| Carnations.....                    | 3 00@ 4 00          |
| " " fancy.....                     | 3 00                |
| Daffodils.....                     | 12 50@ 15 00        |
| Harris and Callas.....             | per doz. 2 00       |
| Jonquils.....                      | 3 00                |
| Mignonette, large spikes.....      | 4 00                |
| Orchids, Cattleyas.....            | per doz. 5 00@ 7 50 |
| Sweet Peas.....                    | 75@ 1 00            |
| Tulips.....                        | 3 00@ 4 00          |
| Valley.....                        | 3 00@ 4 00          |
| Violets, double.....               | 75                  |
| " " single, Princess of Wales..... | 1 00                |
| " " single, California.....        | 1 50                |
| Adiantum, Crownatum.....           | 1 00@ 1 50          |
| Boxwood, per bunch 35; per case    |                     |
| of 50 lbs.....                     | \$7 50              |
| Ferns.....                         | per 1000 3 50@ 4 00 |
| Galax.....                         | 1 25                |
| Leucothoe.....                     | 75                  |
| Pomous String.....                 | each 60             |
| Smilax.....                        | per doz. 1 50@ 2 00 |
| Sprenger, Plumous Sprays.....      | 3 00@ 4 00          |
| Wild Smilax, 50 lb. case.....      | 5 00                |

### St. Louis.

BUSINESS DULL.

The week before Easter was very dull but at the end of the week trade brightened up a little. White roses and carnations are a little short of the demand. A large quantity of Narcissus Poeticus has been received from the south. With pleasant weather the outlook for Easter is good with no shortage except American Beauty roses. The plantsmen have done a good business and report everything sold. Fancy ferns are very short in this market.

### NOTES.

Julius Schaffer formerly with W. J. Smyth, Chicago, is with the Mullanphy Flower Co. This firm is very busy with church decorations and have a good Easter supply.

It is reported Robert J. Windler will soon become a benedict, his many friends extend their best wishes.

The Paris Floral Co. will open their new addition April 10.

## WIETOR BROS.

Wholesale **Cut Flowers**  
Growers of

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO.



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE

JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

## U S Budlong's E Blue Ribbon Valley.

F. H. Weber has a fine line of Easter plants and is looking forward to a good trade. He has been very busy with store decorations.

The Ellison Floral Co. have a nice assortment of blooming and foliage plants at both the store and greenhouse.

Regular shipments of orchids are being received from W. J. & M. S. Vesey, Fort Wayne, Ind.

Arbor day was celebrated in all the public schools April 7.

W. F.









## New York.

## STOCK INCREASING.

Cut flower stock is on the increase in almost all lines. Easter is nearly here and it is quite evident that there will be no scarcities. Roses are quite a little more numerous than for some time back, and, while prices perhaps are not very firm, there is enough doing all the time to clear out fairly satisfactorily, the long-stemmed grades, however, do not go as quickly as do the lower grades, nor do the prices obtained seem to be proportionate to their value when compared with the short-stemmed flower. The trouble is, there is too large a proportion of high grade stock for the present every-day demands. For the first time in some weeks, American Beauties are being cut considerable in price, which fact, considering that we are so near a holiday, is rather unfortunate from the growers' standpoint. Carnations have been moving a little better, white and light pink sorts being the favorites and commanding the best figures; the reds and dark pink sorts have been the slowest to move. Lilies have got to be extremely plentiful, there are a lot of very short-stemmed flowers coming in, which can only be moved when offered at very low figures, consequently the market price of lilies just now covers a very wide range. The street peddlers seem to have all the violet trade to themselves and prices are very low indeed. It is expected, however, that there will be a sudden boom in violet circles when Easter arrives. Cattleyas are chiefly represented by C. Mossie, not over plentiful and prices fairly steady. Gardenias are numerous, with fancy grades in the minority. Tulips and narcissus are selling fairly well, some southern narcissi arrive regularly, but so far the home product has held its own very well. Sweet peas, when good, are ruling satisfactorily. Marguerites of super-fine quality, both yellow and white, are available in quantity. Lupines and antirrhinum of excellent grade are quite plentiful with some houses, and are moving easily. Callas are in fair demand, with a not over-plentiful supply. Liliun candidum is coming in in limited quantities. Asparagus plumosus continues to sell well. A sprengeri is seen in larger quantities than has been the rule all winter; this variety does not seem to enjoy the esteem of the retailer it had in some former years and moves slower than does the plumosus.

## NOTES.

Myer, Fifty-eighth street and Madison avenue, has leased an adjoining store, taken down part of the inner wall and continued the two stores in one, which gives him very much additional room. He has also taken, temporarily, another store on Fifty-eighth street, which is being used as an annex during the Easter rush. The contract for a prominent society wedding, to take place April 18, has been given Myer, both for the reception at the home and for the ceremony, which is to be in Grace Church. Lilies are to be a principal feature of the decorations.

James McHutchison of the importing firm at 17 Murray street, arrived home on the night of April 5 from his protracted trip around the Horn and up the western coast as far as Valparaiso. The journey covered a period of eight or nine weeks and was a most enjoyable one from start to finish. Mr. McHutchison comes back from the vacation much refreshed and full of energy.

John F. Sharkey, well known in the trade, and for several years a sufferer with locomotor ataxia, died April 4 at the age of 32 years. He leaves a widow and a daughter but a few

months old. The interment was in Calvary Cemetery, April 8. Mr. Sharkey's last place of business was at Forty-sixth street and Sixth avenue, where he conducted a retail store.

F. Lautenschlager, on his way home from Boston, where he had been exhibiting and selling Kroeschell hollers, stayed long enough here to sell to A. Cockcroft, of Northport, L. I., a boiler similar to the large one shown in Boston. Quite an order! Mr. Cockcroft is to build a house, 55x400 feet, close to the range of his brother, the well known carnation grower, J. D. Cockcroft.

Chas. Millang, whose wholesale florist store is on the ground floor at 55 West Twenty-sixth street, has just leased space on the first floor of the same building, where he will install ice box and office and will operate a regular cut flower business in addition to the one at the old stand, which will be continued as heretofore.

Commissioner of Parks Stover is making efforts to remove from office Samuel Parsons, Jr., the landscape architect. Mr. Parsons seems to have many friends, however, and just what the outcome will be is an unknown quantity.

The death of E. Michel, a florist at Douglass, N. Y., occurred April 3, the funeral being at the Bayside Catholic Cemetery, April 5. The deceased was about 50 years of age and leaves a widow and two children.

Retail stores are gay and plant arrangements are again a special feature. Stump, at Fifty-eighth street and Fifth avenue, is showing many splendid examples of that class of work.

The Horticultural Society of New York held an exhibition of flowers and plants April 12 in the Museum of Natural History. Admission was free to the public.

The New York Bowling Club failed to get a quorum on April 7 at the new alley. Thirty-second street and Fourth avenue, consequently there was no bowling.

The steamer Bermudian reached this port from Bermuda, April 10, with 1,500 crates of cut Easter lilies on board.

Visitors: T. W. Moll, Cleveland, Ohio; E. Buettner and E. Wienhoeber, Chicago, Ill.; F. Stuppy, St. Joseph, Mo.; S. Murray, Kansas City, Mo.; H. S. Will, Minneapolis, Minn.

## New York Florists' Club.

On the evening of April 10, the New York Florists' Club met in their rooms, Grand Opera House block, President J. B. Nugent, Jr., in the chair, the attendance being smaller than usual owing, perhaps to it being so near Easter. Chas. B. Weathered, on behalf of the dinner committee, reported a deficit of \$30, which was ordered to be paid out of the club's funds, and the committee were discharged with the thanks of the club. The secretary was instructed to convey the thanks of the club to Alex. McConnell, who arranged the decorations at the recent banquet. A vote of thanks was also tendered to all those who donated flowers for that occasion.

Secretary John Young drew attention to the fact that through death, Kessler Bros. had lost their father, and F. R. Piorkovsky had lost his father, also that our only associate member, Geo. Lorenz, had died since our last meeting, and moved that committees be appointed; the president announced after the motion that he would appoint such committees later. The outing committee reported progress and L. W. C. Tut-hill was elected to membership.

Arthur Cowee, the gladioli specialist of Berlin, N. Y., gave a most interesting talk on the commercial phase of gladioli culture. Mr. Cowee has the

**Charles Weiss & Sons**

127 West 28th St. NEW YORK

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Receivers and Growers of Cut Flowers.  
Consignments Solicited.

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136 W. 28th St., New York City

**JOSEPH J. LEVY**

(Successor to John Seligman & Co.)

**WHOLESALE FLORIST**

Telephone Madison Sq. 4878,  
56 West 28th Street, New York

**WILLIAM H. KUEBLER**

Wholesale Commission Dealer in

**CUT FLOWERS**

28 Willoughby Street,

Tel. 4591 Main.

**BROOKLYN, N. Y.**

**U S Budlong's**  
**E Blue Ribbon Valley.**

natural gifts of a platform speaker; the views thrown on the screen were not only beautiful in themselves, but gave also a pictorial review of gladioli culture at Meadowvale Farm, all of which made the illustrated talk one of the pleasantest in the club's history.

F. R. Pierson in his usual pithy style gave some interesting data and reminiscences of the recent National Flower Show held in Boston. He said that success had come through hard work, organization, and a small executive committee everybody helped, good fellowship prevailed and they had had a good show manager. Mr. Pierson mentioned incidentally that they had spent \$1,500 in advertising, \$1,000 in music, given almost \$8,000 in premiums and took in almost \$19,000 at the ticket office and the guarantors will get their money back. He thought the next National Show should be held in the west, then the one following that should be here in New York, so as to alternate these big affairs between the east and the west. A vote of thanks was tendered to the Bostonians who so nobly entertained the New Yorkers in room 14 of the Mechanics Building, and at the smoker in Hotel Somerset; also to the Boston Gardeners' and Florists' Club for similar courtesies shown to our members during their stay in Boston.

Several floral exhibits graced the tables. John Lewis Childs received the thanks of the club for Richardia Elliottiana, Chas. H. Totty and F. Whiting were similarly rewarded for carnation Wodeneth, this carnation having already received the club's certificate. Wm. Sim, Cliftondale, Mass., was awarded a cultural certificate for display of sweet peas, 22 vases in all. The Lord Frost Proof Plant Box Co., Minneapolis, Minn., showed samples of plant boxes of waterproof paper.

PHILADELPHIA NEW YORK WASHINGTON

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**Wholesale Flower Markets**

| NEW YORK, April 12.                |                         |
|------------------------------------|-------------------------|
| ses. Beauty, special.....          | 30 00@2 00              |
| " extra and fancy.....             | 15 00@2 00              |
| " No. 1 and No. 2.....             | 2 00@2 00               |
| " Bride, Bridesmaid, special.....  | 5 00@2 00               |
| " extra and fancy.....             | 3 00@2 00               |
| " No. 1 and No. 2.....             | 1 00@2 00               |
| " Killarney, My Maryland, spl..... | 5 00@2 00               |
| " extra and fancy.....             | 3 00@2 00               |
| " No. 1 and No. 2.....             | 1 00@2 00               |
| " Richmond.....                    | 1 00@2 00               |
| Carnations.....                    | 1 00@2 00               |
| Callas.....                        | 1 00@2 00               |
| Cattleyas.....                     | 25@ 60                  |
| Gardenias.....                     | per doz. 2 00@ 5 00     |
| Lilyum Longiflorum.....            | 6 00@2 00               |
| Lily of the Valley.....            | 1 00@2 00               |
| Narcissus P. White.....            | 8 00@2 00               |
| " Yellow.....                      | 1 00@2 00               |
| Roman Hyacinths.....               | 1 00@2 1 50             |
| Sweet Peas.....                    | per doz. bchs. 60@ 1 50 |
| Tulips.....                        | 1 50@2 3 00             |
| Violets.....                       | 20@ 50                  |

| BUFFALO, April 12.               |                 |
|----------------------------------|-----------------|
| Roses, Beauty, special.....      | 40 00@2 50      |
| " fancy.....                     | 25 00@2 50      |
| " extra.....                     | 15 00@2 00      |
| " No. 1.....                     | 10 00@1 50      |
| " No. 2.....                     | 4 00@ 6 00      |
| " Bride, Maid, Killarney.....    | 5 00@12 00      |
| " Killarney, White and Pink..... | 6 00@12 00      |
| Carnations.....                  | 2 50@ 5 00      |
| Callas.....                      | 10 00@12 50     |
| Daisies.....                     | 1 00@ 1 50      |
| Double Von Sion.....             | 2 00@2 50       |
| Lilyum Longiflorum.....          | 2 00@15 00      |
| Lily of the Valley.....          | 3 00@2 40       |
| Mignonette.....                  | 3 00@ 5 00      |
| Myosotis, per bunch.....         | 10@ 20          |
| Sweet Peas.....                  | 75@ 1 25        |
| Trumpet Major.....               | 2 00@ 3 00      |
| Tulips.....                      | 2 50@ 3 00      |
| Violets.....                     | 75@ 1 25        |
| Adiantum Crownatum.....          | 75@ 1 50        |
| Asparagus, per bunch.....        | 35@ 50          |
| Asparagus Sprengerii.....        | 35@ 50          |
| Asparagus Str.....               | 50@ 60          |
| Ferns.....                       | per 100. \$3 00 |
| Galax, green and bronze.....     | 1 50            |
| Leucothoe Sprays.....            | 75              |
| Smilax.....                      | 15 00           |

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New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
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 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

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Wholesale Commission Florists and Florists' Supplies,

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All Phone Connections.

DETROIT, MICH.

### Indianapolis.

#### EASTER PROSPECTS

All indications point to a big business for Easter. Flowers are plentiful and the demand is brisk. Carnations, however, seem to be a little off crop with most growers in this locality, and it is doubtful whether there will be enough to supply the demand. The market will be overcrowded with bulb stock.

#### NOTES.

A brainy Indianapolis florist has been talking commission house so long and so persistently that finally he has succeeded in getting together a number of the different growers throughout the state with the idea of starting up a commission house in Indianapolis. There is but little doubt but that there will be at least one commission house in Indianapolis next fall, it is just a question as to who will make the first move. The establishing of a commission or wholesale house in this city will be a risky thing, because it is uncertain how the retail men will look upon it. Peter Weiland of Newcastle declares, that inasmuch as he made a success of the commission business in Cincinnati, he can do it in Indianapolis, simply by treating his customers "right." He says that inasmuch as he is investing a large sum of money in erecting ten houses, 25x300, he is determined to have his own outlet for his flowers, either here or in Cincinnati. He favors Indianapolis because it will be more convenient and accessible.

Two new novelties are being offered to the florist trade. One is a mission hanging basket manufactured by the Hoosier Novelty Co., made of stained oak slats so fastened at the corners in pig-pen fashion that the baskets can be knocked down for shipping and storing purposes. The prices are reasonable and the baskets ought to prove a great seller. The other is a new style of mission jardiniere stand and hanging-basket-tripods for out-door use. These are made by the American Novelty Co., and the manufacturers have so much confidence in their wares that they allow the florist to display them for a time to sell upon demand, and take back what are unsold.

E. A. Nelson will use for the first time on Easter day the new delivery wagon which he recently bought from Guedelhoefer. The wagon is a new style for Indianapolis florists. The bed is raised at least four feet from the ground and appears to be very high. Besides this Mr. Nelson has also put into his barn a new wagon for bedding-work purposes. He has a fine lot of hydrangeas for Easter.

The Indiana State Florists' Association held its quarterly big Meeting at the Elks' Club on April 5. The chief attraction was a lecture on foreign

floriculture by E. G. Hill, illustrated by stereoscopic views. About fifty were present, and all stayed for the bubbling refreshment.

Smith & Young will soon have some adiantum for cutting. This is a new line for them, which they will have no trouble in selling locally for there is a scarcity of good adiantum. They expect to pick a large crop of sweet-peas for Easter.

One of the large plate glass windows in A. W. Brandt's store was completely shattered by the wind last Friday. The loss was covered by insurance. Not a plant nor a single cut flower was damaged by the smash-up.

Carl Sonnenschmidt has just bought the best type of the Victrola talking machine, which helps him to while away the weary hours in the Cumberland country.

Lester A. Benson is sowing envy in the hearts of all his brother florists with his new Buick automobile delivery outfit. He has a colored chauffeur.

Pahud has a new Indian motorcycle for delivery purposes. This firm has found the motorcycle to be practical in their business.

Reinholdt Schilling will probably leave on Tuesday after Easter to join the forces of J. A. Valentine's store in Denver, Colo.

John Bertermann and wife have returned from French Lick where they spent the past ten days in pre-Easter recreation.

Fred Huckriede expects to cut over 5,000 daffodils for Easter.

Frank Hasselman was on a hunting trip last week.

A. W. B.

### Yonkers Horticultural Society.

A well attended meeting of the society was held April 7 and several matters of interest were discussed. The executive committee reported that the June show will be held on June 14 and all seems favorable to a most successful exhibition. Three associate members and one active member were elected and two active and one associate were proposed.

Some fine melons, Sutton's Scarlet, were exhibited by S. Untermyer, M. Grey, supt., and received a cultural commendation. Louis Melliott exhibited the new rose, Veilchenblau, but the variety did not impress members as being suitable for forcing. As one wit remarked, "Looks like a Rambler with the blues."

Hamilton Scott was elected president and Messrs. Rennison and Melliott were nominated members of the executive committee. H. Nichols read an interesting and instructive paper, taking as his subject, "Hardy Roses." The meeting closed after according the essayist a standing vote of thanks for his services.

H. M. B.



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Tarrytown, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting, March 31. President Brunger in the chair, and a large number of members present.

The monthly prize for twelve best roses, offered by J. W. Smith, was awarded to W. MacBean Garrison for a fine vase of Killarney and White Killarney. James Stuart, Mamaronck, second, for a vase of the same varieties. A hearty vote of thanks was accorded to W. G. Gomersall, Nyack, for an able and instructive essay on "Herbaceous Plants and Hardy Shrubs: How to Harmonize Them for Effect in Landscape Gardening." For the April meeting E. W. Newbrandt offers a prize for the best flowering plant.

GEO. MCINTOSH, Cor. Sec.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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FROM NEW YORK EXCEPT AS NOTED.

April 18.

Rotterdam, Holl.-Amer., 10 a. m., Hoboken Pier.

Kaizer Wilhelm II., No. Ger. Lloyd, 10 a. m.,

Hoboken Pier.

FROM BOSTON, Ivernia, Cunard, East Boston

Pier.

FROM ST. JOHN, N. B., Hesperian, Allan, 2

p. m.

April 19.

Lusitania, Cunard, Piers 54 and 56, North River.

FROM ST. JOHN, N. B., Pomeranian, Allan.

April 20.

Kaiserine Auguste Victoria, Ham.-Amer., 10 a.

m., Hoboken Pier.

La Touraine, French, 10 a. m., Pier 57, North

River.

April 21.

FROM ST. JOHN, N. B., Empress of Britain,

Can. Pacific, 12 noon.

April 22.

Carmania, Cunard, Piers 54 and 56, North River.

Laurentic, White Star, 11 a. m., Piers 60 and

61, North River.

Lapland, Red Star, 10 a. m., Pier 59, North

River.

Columbia, Anchor, 2 p. m., Pier 64, North

River.

FROM PHILADELPHIA, Prinz Oskar, Ham.-

Amer., 11 a. m.



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Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade.

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL.

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Mention the American Florist when writing

**CHICAGO**

**Canger & Gormley**

187 N. State St.

HIGH GRADE OF FLOWERS

Phones: Central 5196 All orders are very  
2190 carefully executed.

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**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
NORTHERN OHIO.

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**Geo. C. Shaffer,**

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Phone 2416 Main 14th & Eye Sts., N. W.  
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**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

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Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rock-mere, Marblehead, Mass., June 20-22, 1911.

The date of Easter in 1912 is April 7.

ONIONS selling at \$3 per sack make a new high record.

AND now the English seedsmen are afflicted with domestic seed bill troubles.

The acreage planted to onions this spring is estimated at 50 per cent in excess of 1910.

MAIL trade in seed slumped badly since March 25, while counter trade has been none too good.

KINSMAN, OHIO.—Wilbur O. Christy, the well-known gladiolus grower, is now located at Warren, Ohio.

POTATOES are very scarce in states west of Chicago. Michigan, New York, and Maine have the supply.

VISITED CHICAGO: Carlos Jensen, representing L. Daehnfeldt, Odense, Denmark, enroute to the Pacific coast.

THE new book, "The Gladiolus," by M. Crawford and Dr. W. Van Fleet, contains a list of gladiolus species which breeders will find very useful.

The Hotel Rock-mere has been selected as headquarters for the annual convention of the American Seed Trade Association at Marblehead, Mass., June 20-22.

NEW YORK.—It is the general opinion among seedsmen that business during March has fallen a little below the usual volume, caused, it is believed, by the almost continuous cold weather during that month.—Arthur T. Bodington and wife sailed for Bermuda April 5.—Henry Nungesser sailed for Europe on the S. S. Mauretania April 5.

ST. PAUL, MINN.—The seed bill passed by the legislature appropriating \$25,000 for reseeding the burned districts in Northern Minnesota was amended by the senate committee on finances so that seeds will be distributed only to actual settlers, and no person could apply for seed to sow more than 25 acres. Requests were to be made before April 1, 1911.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

J. E. NORTHROP and daughter Isabel of Minneapolis, Minn., are at Old Point Comfort, Va., for the Easter vacation.

THE French bulb Syndicat de defense des Interets Agricoles de Toulon at its session of April 9, fixed the prices of Narcissus Paper White Grandiflora at 20 francs, white Roman hyacinths, 11 to 12 centimeters, at 60 francs and the size 12 to 15 centimeters and up at 80 francs. The crop is reported as an average one.

DES MOINES, IA.—The state assembly has passed a law allowing the sale of insecticides and fungicides, which was heretofore prohibited to others than registered pharmacists, providing the article is labeled with its true name, and if poisonous, marked "Poison," and the poisonous contents conspicuously and correctly stated in conformity with the national insecticide act.

CHICAGO.—Prices on the board of trade April 12 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.—Seedmen as well as Greeks are prevented from making sidewalk displays by the recent order of the police department.—Vaughan's Seed Store reports good sale of all spring bulbs, with steady demand for storage stock.

### Spencer Sweet Peas.

G. Taylor has a very interesting article in the current issue of the Gardeners' Chronicle, on the pollination of sweet peas, which gives the results of a very close study of the subject, and numerous observations upon the various insects which visit the flowers. From these it would appear that while the old form was entirely self-fertilizing, and consequently bred true without any precaution or assistance, the Spencer forms are not fully adapted to self-fertilization. The result of this is, that as is well known to all practical growers, the Spencer class are most indifferent seeders, and it appears that when they are assisted by bees and other insects, the gain in crop is more than balanced by the introduction of a serious proportion of rogues through cross-fertilization. It seems to us that the practical outcome of this is that growers will in future be obliged to secure purity of stock by growing considerable breadths of a variety isolated from other sweet peas sufficiently to prevent insects carrying the pollen from one to the other, at least to any appreciable extent. Probably such complete isolation as is needed by the Brassica and other plants liable to wind fertilization would not

be necessary in this case, but only sufficient distance to induce insect visitors to confine their attentions to one particular plot.—Horticultural Adviser.

### The New York Seed Bill.

EDITOR AMERICAN FLORIST:—

I herewith enclose copy of Assembly Bill, Int. No. S34, which was introduced by Assemblyman Gregg on March 3, 1911, in the New York state legislature. The bill has been read once, and was then referred to the committee on agriculture. The writer is arranging to have a hearing on the bill, which will take place some time after April 17, as the legislature has adjourned until that date, owing to the recent fire in the state capitol building at Albany. As soon as I am advised as to the exact date of the hearing, will communicate further with you.

You will note after reading this bill that it is of the utmost importance, not only to the seedsmen of the state of New York, but to the seedsmen in other parts of the country as well. Unfortunately, the matter has come up at a very inopportune time of the year, but I hope as many New York seedsmen as possible will be present when the hearing on the bill comes up.

MARSHALL H. DURYEA.

[The full text of the bill is reproduced on the opposite page. Some severe and unfair features are:

Omission of the words "willfully and knowingly," making a warehouse error a crime.

Prison penalty on merchandising not connected with human life and applied unnecessarily to this business, which, because of its confidential nature, would be seriously crippled if not destroyed by even a trial, surely by a conviction.

Requiring the seedsman to guarantee what percentage of the seed will germinate when he has no knowledge of the conditions under which the seed will be planted; this condition can only prove a dead letter.

Releasing the grower of seeds mixed with weed seeds from all responsibility for disposing of such seed, though personally knowing the same to be noxious.

Publishing the findings of inspectors without provision for a previous hearing of the charges.—Ed.]

### Florists and Seedsmen, Scratch or Poultry Food

Sell Your Own  
We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and Square Deal"—Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."

J. BOLGIANO & SON, Importers and Wholesalers (Established for 92 years) Baltimore, Md.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.



# Now For Those Rush Orders

**F**LORISTS who want their orders filled accurately and quickly will make no mistake in sending to us. We are prepared to fill orders the day they arrive. We have just doubled our packing force—a change made necessary by the largest number of orders ever received. Here are some of the things you should not overlook in planning your spring planting.

## Aster Seed! Aster Seed! Aster Seed!

Sweet Peas, Dahlias, Gladioli, Lilies,  
Market Garden Strains of Vegetable and Flower Seeds,  
Hardy and Tender Plants, Potatoes, Small Fruits,  
Lawn Grass, Fertilizers, Insecticides and Sprayers.

Five minutes study of our wholesale catalogue will convince you that it is to your interest to send us your rush order. To insure its reaching the right department the minute it arrives, mark both your order and envelope "Wholesale Department, Rush." Mention this paper.

## JAMES VICK'S SONS, Rochester, N. Y.

## PANSY SEED Every Seedsman

Matchless.....\$4.00 per oz.  
New Masterpiece.....3.00 per oz.  
A New Strain of Pansy, very dwarf, large bloom, showy in color. Trade packets \$1.00; price per oz. on application. Seed raised by myself.

**J. SAMBRIDGE,**  
Mandeville Road, Enfield Lock, England.

Largest Seed Grower  
in Scandinavia.  
(Established 1850.)

Interested in **CABBAGE, CAULIFLOWER, or ROOT SEEDS** of high grade quality, should ask my contract prices before placing his order. Tell me which sorts you use and I will send you my prices and conditions.

**L. DAHNFELDT, Odense, Denmark**

Text of the New York Seed Bill Introduced in the Assembly and Referred to the Committee on Agriculture, March 3, 1911.

### PAGE 1.

*The People of the State of New York, represented in Senate and Assembly, do enact as follows:*

1 Section 1. Article fifteen and sections three hundred and forty  
2 and three hundred and forty-one of chapter nine of the laws of  
3 nineteen hundred and nine, entitled "An act in relation to agri-  
4 culture, constituting chapter one of the consolidated laws," are  
5 hereby renumbered to be article sixteen and sections three hundred  
6 and sixty and three hundred and sixty-one, respectively.  
7 § 2. Such chapter is hereby amended by adding thereto a new  
8 article fifteen thereof, to read as follows:

### ARTICLE XV.

#### SEEDS.

11 Section 340. Inspection and sale of seeds.  
12 § 341. Samples, publication of results of examination.

EXPLANATION—Matter in *italics* is new; matter in brackets  
[ ] is old law to be omitted.

### PAGE 2.

1 § 340. Inspection and sale of seeds. Within the meaning of  
2 this article "agricultural seeds" are defined as the seeds of al-  
3 falfa, barley, Canadian blue grass, Kentucky blue grass, buck-  
4 wheat, alsike clover, crimson clover, red clover, white clover, mon-  
5 mouth clover, field corn, meadow fescue, millet, oats, orchard grass,  
6 rape, red top, rye, sorghum, timothy, wheat, peas, beans, vetch,  
7 cabbage, turnips, cauliflower, celery and onions, which are to be  
8 used for sowing or seeding purposes. No person, firm or corpora-  
9 tion shall sell, offer, exchange or have in his possession for sale for  
10 the purpose of seeding any cereals or seeds as hereinafter men-  
11 tioned, in quantities exceeding ten pounds, except cabbage, turnips,  
12 cauliflower, celery and onions, which shall be not to exceed one  
13 pound, unless every receptacle, package, sack or bag containing  
14 such seeds, or a label attached thereto, is marked in a plain inde-  
15 lible manner as herein provided. Said marks shall be on the  
16 receptacle, package, sack or bag itself if there is more than three  
17 per centum of injurious foreign seed. Marks shall include the  
18 following:

19 a. The full name and address of the seller.  
20 b. The name and the kind of the variety thereof of seeds except  
21 in the case of mixtures prepared for special purposes, when they  
22 shall be labeled as mixtures, giving the per centum of each kind  
23 and variety.  
24 c. The name of any foreign injurious seeds present of three per  
25 centum or over by count and both the name and per centum of the

26 following adulterants present: Yellow trefoil in any variety of  
27 clover; yellow trefoil, burr clover, sweet clover or dodder in al-

### PAGE 3.

1 falfa, Canadian blue grass, in Kentucky blue grass; meadow  
2 fescue or rye grass in orchard grass, or orchard grass in meadow  
3 fescue.  
4 d. A guaranty, stating the per centum of purity of the contents  
5 of the package by count, which shall upon official examination in  
6 no case fail to exceed three below the guaranteed per centum.  
7 All persons offering agricultural seeds for sale for sowing or  
8 planting purposes in the state of New York shall make or cause  
9 to be made a test of their germinating powers and shall state on  
10 such package or receptacle the maximum percentage of the seed  
11 contained therein which are guaranteed to germinate.  
12 The provisions of this article shall not apply to any person grow-  
13 ing and selling agricultural seeds to seed merchants, or shipping to  
14 a general market to be cleaned or graded before being offered or  
15 exposed for sale for seeding purposes.

16 § 341. Samples, publication of results of examination. Samples  
17 of seed shall be taken in duplicate. Both samples shall be sealed  
18 promptly and one shall be tendered and, if accepted, shall be de-  
19 livered at the time of taking to the person apparently in charge  
20 and a receipt taken therefor, unless refused. The commissioner  
21 of agriculture is hereby authorized to publish in bulletin form, not  
22 later than February first of each year, the findings of the seed  
23 examiners, together with the names and addresses of the person or  
24 persons from whom the samples examined were taken. Examina-  
25 tions and tests shall be made at the New York experiment station  
26 at Geneva, by the agents of the department of agriculture who are  
27 or may be appointed to take samples of commercial fertilizers and

### PAGE 4.

1 feeding stuffs, with the date of the test. If upon testing by the  
2 New York agricultural experiment station at Geneva, said sam-  
3 ples of seed shall fall more than ten per centum below the guar-  
4 anty, the dealer shall be liable therefor as for a violation of this  
5 article. Any person who shall violate any of the provisions of this  
6 or of the preceding section of this article shall be guilty of a mis-  
7 demeanor, and for each offense shall, on conviction thereof, be  
8 fined not to exceed one hundred dollars for the first offense, and  
9 upon conviction for each subsequent offense not exceeding two hun-  
10 dred dollars, or imprisonment not exceeding one year, or both, at  
11 the discretion of the court.  
12 § 3. This act shall take effect August first, nineteen hundred  
13 and eleven.



# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation. Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** Next delivery—White Wonder March 27, and Gloriosa April 4. Our March 15 delivery of White Wonder and March 15 and 27 delivery of Gloriosa were all sold in 5 days after our advt. appeared.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

## Asp. Plumosus Nanus

GREENHOUSE GROWN



A delayed Crop has just come in: while the seed lasts we quote, prepaid.

2,000 seeds \$ 7.50  
10,000 seeds 33.00

**VAUGHAN'S SEED STORE,**  
CHICAGO NEW YORK

Mention the American Florist when writing

ESTABLISHED IN 1824.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,  
37 East 19 St., New York  
bet. Broadway and 4th Ave.,  
Telephone 4235 Gramercy.

**Always** mention The American Florist when you order stock. s e e

## Geraniums

|                                                     | Per 100 |
|-----------------------------------------------------|---------|
| S. A. Nutt and 6 other vars., 3 in. pots.           |         |
| April 15.....                                       | \$4 00  |
| 3,000 Geraniums, 2 1/2 in. pots.....                | 3 00    |
| Asp. Plumosus, May 15.....                          | 3 00    |
| Sprengerl, May 1.....                               | 2 00    |
| 10 vars. Cannas, May 1.....                         | 4 00    |
| King Humbert, 3 1/2 in. pots.....                   | 6 00    |
| Alternantheras, red and yellow, 2 1/2 in. pots..... | 2 00    |

Please, Cash.

**JOS. H. CUNNINGHAM, Delaware, O.**

## Coleus

|                                     | Per 100 |
|-------------------------------------|---------|
| 10 varieties, 2 in. pots.....       | \$2 00  |
| Verbenas.....                       | 2 00    |
| Plumosus Seedlings, April 20.....   | 1 25    |
| Sprengerl Seedlings.....            | 1 00    |
| Pansy Plants.....                   | 1 25    |
| Salvias, 2 1/2 in. pots.....        | 2 50    |
| Petunia Seedlings, Double Seed..... | 2 50    |

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2 1/4 in. pots; place your orders early so as to secure early delivery.

We would also be pleased to fill your order for **Aster Seed** as we have one of the finest strains known as well as a good list of the standard kinds.

**ELMER D. SMITH & CO., Adrian, Mich.**

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## Waldo Rohnert

GILROY, CAL.

**Wholesale Seed Grower,**

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mixtonette, Verbena in variety.  
Correspondence Solicited.

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**

Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

# Heacock's

There's a Lively Palm Business Ahead for You—Are You Ready?

# Palms

DON'T let this queer weather deceive you into thinking that there won't be any spring. Spring is right at your front door—and summer is crowding close behind; along with it is coming a lively demand for things to help to make homes and verandas and lawns beautiful.

There is nothing ahead of Palms for this—as a lot of your customers know! Many others are learning, and the result is a fast-increasing demand, which we are prepared to meet. These things about Heacock's Palms are worth remembering:—

They're home grown—produced here in our own houses right from the seed. It takes time, patience, and skill, and greenhouse room to develop a six foot Kentia, but we do it—we have scores of fine specimens that large, and many thousands of small sizes ranging down to those in two inch pots. All are clean, healthy, vigorous, good-looking—they commend themselves at first glance even to people who aren't as well-posted in Palms as you are.

Our prices are no higher than you'd have to pay for inferior stock but hundreds of our regular customers say our palms are the best they can get. Come and see us, or write; better do one or the other quick though, and get the early trade—which is the best trade, you know.

# Heacock's

Our Choice Cattleyas Are in Demand

# Orchids

THIS is the season of the year when the very best in flowers are needed. You cannot do better than to be prepared to meet the demands of your trade with the choicest Orchid blooms.

We make a specialty of Orchids and have an extra fine lot of Cattleyas in flower now. They are produced on clean healthy stock. We've been cutting large quantities of Cattleyas all season, shipping them to New York and Chicago besides meeting the demands of the home trade.

The flowers are not "soft," but last their full time and bring good prices because they're large and fresh cut. Write us today for prices. It pays to lead with the best Cattleyas.

When in Philadelphia, be sure to look us up

Joseph Heacock Company, Wyncote, Pa. RAILWAY STATION JENKINTOWN

## Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

CARPINTERIA, CALIF.

Mention the American Florist when writing

FOR  
**SEEDS**  
OF ALL KINDS APPLY TO  
**W. W. JOHNSON & SON, Limited,**  
Boston, England.

Mention the American Florist when writing



## H. WREDE, LUNEBURG, GERMANY PANSY SEED

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed...\$2.25  
1 oz. ....\$2.25

Price list on application. Cash with order.  
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**QUALITY SEED BULBS PLANTS**  
SEND FOR CATALOGUE  
**ARTHUR T. BODDINGTON**  
342 West 14th St., New York.

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## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

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## THE J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

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## GET QUOTATIONS FROM LANDRETH SEEDS which SUCCEED

Bloomersdale Farm. **Bristol, Pa.**

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## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,  
PEDRICKTOWN, N. J.

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## Summer-Flowering BULBS

### CALADIUM ESCULENTUM

Live center shoots, free from rot.

|                | Per doz. | Per 100 |
|----------------|----------|---------|
| 5-7.....       | \$0 35   | \$1 80  |
| 7-9.....       | 50       | 3 50    |
| 12 and up..... | 1 75     | 14 00   |

### GLADIOLUS

|                        | Per 100 | Per 1000 |
|------------------------|---------|----------|
| Mrs. Francis King..... | \$2 65  | \$23 00  |
| Mme. Moneret.....      | 2 25    | 20 00    |
| Florists' Mixture..... | 75      | 15 00    |
| Extra Fine Mixed.....  | 2 00    | 18 00    |

### TUBEROUS BEGONIAS

|                               | Per 100 |
|-------------------------------|---------|
| Single { Scarlet.....         | \$2 50  |
| { White.....                  | 2 50    |
| { Pink.....                   | 2 50    |
| { Yellow.....                 | 2 50    |
| Doubles, colors as above..... | 4 50    |

### TUBEROSES

|                          | Per 100 |
|--------------------------|---------|
| Dwarf Pearl, medium..... | \$ 7 50 |
| lately.....              | 1 00    |

### LILY BULBS

|                                  | Per 100 |
|----------------------------------|---------|
| Lil. Auratum.....                |         |
| 9 to 11 inches, 120 to case..... | \$8 00  |
| Lil. Rubrum.....                 |         |
| 9 to 11 inches, 120 to case..... | 8 00    |
| Lil. Album.....                  |         |
| 8 to 9 inches, 160 to case.....  | \$ 7 50 |
| 9 to 11 inches, 120 to case..... | 10 00   |

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.



## CANNAS.

B. Beauty, \$2 50; David Harum, \$2 00;  
Marlborough, Austria, America, Italia,  
Egandale, Pennsylvania, \$1 50 per 100.

### Hydrangea P. G.

|                                 | Per 100 |
|---------------------------------|---------|
| 18 to 24 inches .....           | \$5 00  |
| 2 to 3 feet .....               | 6 00    |
| 3 feet .....                    | 7 00    |
| Tree shaped, 3 to 3½ feet ..... | 8 00    |
| 3 to 4 feet .....               | 10 00   |

**J. H. Dann & Son,** Westfield,  
N. Y.

*Mention the American Florist when writing*

## Orchids

In great variety, established or unestablished  
at popular prices. Also materials of all kinds,  
such as Peat, Live Sphagnum, Orchid Bas-  
kets, etc. Write for special list and catalogue.

**Lager & Hurrell, Summit, N. J.**

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We are one of the largest collectors  
and importers of Orchids.  
Investigate us.

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## ORCHIDS...

Largest Importers, Exporters, Growers,  
and Hybridists in the World.

**SANDER, St. Albans, Eng.**

NEW YORK OFFICE: 258 Broadway, Room 721

T. MELLSTROM, Agent.

## GLADIOLUS

Cinnamon Vines, Madeira Vines,  
Lilies, Iris, Daphne Cneorum, Syringa  
Japonica and Wistaria.

Write for price list

**E. S. MILLER, Wading River, N. Y.**

## WATER LILIES

Hardy, old-fashioned Garden Flowers;  
Hybrid Tea Roses, Azaleas, Rhododend-  
rons, etc. Send for catalogue.

**William Tricker, Water Lily Specialist, Arlington, N. J.**

## CALADIUMS

Sound Bulbs Free From Rot.

|                  | Per doz. | Per 100 |
|------------------|----------|---------|
| 5-7 inch .....   | \$ 35    | \$ 2 00 |
| 7-9 inch .....   | 60       | 4 00    |
| 9-11 inch .....  | 1 00     | 6 50    |
| 11-14 inch ..... | 1 65     | 12 00   |

**A. HENDERSON & CO.**

162 N. Wabash Ave., Chicago.

## Poinsettias

Place your order for Poin-  
settias NOW to insure early  
delivery. We will have  
strong 2½-inch pot plants ready in July, \$6.00  
per 100; \$50.00 per 1000.

Katalog for the asking.

**Skidelsky & Irwin Co.**

1215 Betz Bldg., Philadelphia, Pa.

# A. N. PIERSON

INCORPORATED

Cromwell, Conn.

## Now is the Time to Plant ROSES

### Has Your Order of Rose Stock Been Placed?

If not, it should be at once; and we are in the  
market to supply it. Remember that we are head-  
quarters for Grafted Roses, and are especially strong  
on Standard Commercial Varieties.

We are ready to supply in quantity  
as well as quality:

**Killarney, White Killarney,  
Richmond, My Maryland,  
Kaiserin, Bride and  
Bridesmaid.**

These varieties from 2¼-in. pots.

**\$15.00 per 100, \$120.00 per 1000.**

Special price on 5,000 or more plants.

The Newer Roses we have called to your attention  
before. We hope you saw them at The National  
Flower Show:

**Double Pink Killarney, Prince de  
Bulgarie, Mrs. Aaron Ward,  
Dark Pink Killarney  
and Radiance.**

Let us know your wants

# Dreer's Offer of New Dahlias.

## New German Giant CACTUS DAHLIAS

**Nerthus.** Flowers fully 6 inches in diameter, of splendid form, borne on stout, stiff stems, held well above the foliage. The centre of the flower is a rich, glowing bronzy orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives it an iridescence which it is not possible to describe. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Rheinkönig.** In this we believe we are offering the ideal white Cactus Dahlia which has been a desiderata for a long time. In habit of growth it is robust, similar to the varieties *Lavine* and *Flora*; in color a pure snow-white, with flowers 5 to 6 inches in diameter. These are of great substance, lasting splendidly when cut; they are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting. Our own representative had the opportunity of comparing this variety with many other sorts which were planted for comparison at the trials which during the past summer were made at the *Palmen Garten* at Frankfurt, Germany, where it showed up in such superior form over all others that we at once secured all available stock. We offer it, believing it to be the most desirable acquisition in Dahlias offered in many years. Strong plants, ready April 15th. 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

**Vater Rhein.** Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow suffused with salmon-rose; a beautiful, attractive and imposing flower. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wodan.** This is the strongest-growing variety in the collection, the plant being exceptionally robust and growing fully 6 feet high, with large, bold flowers, frequently over 7 inches in diameter; but with this large size there is no coarseness, the flowers being a graceful arrangement of semi-incurved tubular petals of a most pleasing, delicate salmon-rose color shading to old gold in the centre. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wolfgang von Goethe.** A splendid large, free-flowering variety, with gracefully arranged, perfect flowers of a rich apricot with carmine shadings; a splendid cut flower. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the above 5 new sorts for \$1.75.



NEW GERMAN GIANT CACTUS DAHLIA RHEINKÖNIG.

## Decorative Dahlias of Recent Introduction

**Belolt.** Particularly effective on account of its very large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Delce.** Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Le Grand Manitou.** The first variegated Dahlia of the decorative type introduced, and which attracted much attention in our trial ground the past season. The flowers are from 5 to 6 inches across, the ground color being white, prettily spotted, striped, blotched and suffused with deep reddish-violet; these are borne on stout, stiff stems and held well above the foliage. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Perle de Lyon.** The most valuable white Decorative Dahlia yet introduced, and which is certain to become a leader as a cut flower, perfect in form, pure in color, and produced on long, stiff stems, and very free-flowering. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Yellow Colosse.** Flowers of very large size, of perfect form, pure primrose-yellow; the best of its color and valuable for all purposes. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

One each of the above 5 new Decorative Dahlias for \$1.00.

See our Current Wholesale List for other varieties of Dahlias, Seasonable Plants, Seeds, Bulbs, etc.



DECORATIVE DAHLIA, PERLE DE LYON.

The above prices are intended for the Trade only.

HENRY A. DREER, Inc.,

714 Chestnut Street,

PHILADELPHIA, PA.



## Market Gardeners

### Greenhouse Vegetable Growers and Market Gardeners' Association.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Grand Rapids, Mich., Vice-President;  
S. W. Severance, 508 Illinois Life Building, Louisville, Ky., Secretary; M. L. Ruetenik, Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, April 8.—Mushrooms, 60 cents per pound; cucumbers, 15 cents each; lettuce, \$1.25 per dozen heads; tomatoes, 35 cents per pound; radishes, 50 cents per dozen bunches; rhubarb, \$1.25 per dozen bunches; grapes, \$1.10 per pound.

Chicago, April 10.—Mushrooms, 30 cents per pound; cucumbers, \$1.25 to \$1.50 per box, small; lettuce, 17½ cents to 20 cents per pound; radishes, 25 cents to 50 cents per dozen bunches.

### Celery Notes.

This is a good time of the year to consider the celery crop. The marketing is just behind us and a new start before us and plans must be laid soon. We have had a most trying season and finally landed the entire crop on the market in excellent shape and at good prices. The quality has been so good that our trade will remember our celery until the new crop comes in. We do not grow any early celery, expecting to enter the market at Christmas and continue until sold out. Two years ago the month of October was a cold one and all celery in this vicinity was completely banked and ready for winter the last of the month; but November came in warm—so warm that it is conceded to be the warmest November on record. The result was that all celery was bleached to a point that it could not be held any longer and in the attempt to unload the crops the prices went all to pieces. The month of December rushed in with a severe cold wave, so much so that about one-half the crops were frozen outright. Thus from a glut one week the market was bare of home-grown celery the next. Last year we had just the reverse, a warm October, hence everyone held back hilling. November came in cold, so much so that no further growth was possible and most celery went into winter grass-green. There was a great scarcity of bleached celery in December, and later a flood of green stuff looking for a market. Our own crop was as green as the rest, but being all benched and easily accessible, we decided to try bleaching it in heat. Accordingly we made a number of deep hotbeds and after the rank heat had subsided, we removed the celery from the benches and packed them closely in the hot beds, covered by sash and plant bed cloth shutters. The result was a complete success. In ten days to two weeks the hearts developed amazingly, the crop resembling a fine lot of White Plume bleached between boards in September. The only drawback was a slight damage to quality. This rapid growth is at the expense of substance and while ten days was a success, three weeks would have exhausted and ruined them. Thus we entered a fresh lot every other day, to be able to supply our market more regularly and to hold no one lot too

long. The final result is as aforesaid, we sold the entire crop without loss at top prices and the trade calling for more. Another year we shall rather err on the green side than have our crop too ripe in the early fall. We had only two varieties in this lot, Winter King and Winter Queen. King is a selection of Paschal, being of very short and stout growth. The growers in our vicinity start celery too late. The plants should go into permanent rows in June; to this end the seed must be started in March. However the bulk here is sown out of doors and transplanted late in July or early in August as a second crop, which method produces small stuff that winters poorly and is unattractive on the market. To meet southern competition, the northern man must aim for size as well as quality. MARKETMAN.

### The New London Horticultural Society.

It is very possible that it is not known there is a horticultural society in New London. Well, there is, and a very healthy society it is, too. It was born about 18 months ago, and is now a strong and healthy child. It is now walking alone, and is actually beginning to show its wisdom teeth. About this time last year it caught a very severe cold—you know we have a very changeable climate here—and we were afraid that something serious might happen. At this time, too, another baby was born in our old whaling town. This baby, No. 2, was a plump little fellow, and was given a long and lovely name. There was one drawback, however, its mother did not have sufficient milk for it. Of course, the child could not be allowed to starve, and so, the nourishment that should have been given to our baby was given to it. For a little while it did very well on this food, but as the season advanced it seemed to require stronger nourishment, so at last its

health broke down completely, and it died in the early summer.

Our infant, while it caught the severe cold I have already mentioned, was blessed with a stronger constitution than baby No. 2, and through the skilful treatment of three specialists it was brought back to a state of perfect health. Then we gave it several outings during the summer and fall months—you know there is nothing like plenty of sunshine and fresh air to impart health to the invalid. Last year we had three flower shows, which would have done credit to a society of greater pretensions and more mature years. Since then our society has increased in membership and enthusiasm. At our last meeting there was some talk of incorporating our New London Horticultural Society.

Secretary Humphrey, who is an enthusiastic member, composed the following verses:

The artist sits before a plain white canvas, and  
He will in fancy see  
Green hills and valleys, running waters, singing  
birds,  
Children playing round their homes, the herds  
Of cattle in the fields—in full detail the picture  
That's to be.

We too are artists, and in fancy see,  
Far in advance, each season's harmony:  
What floral groupings blend, when each is best,  
When each must fade—  
We strive for true adjustment everywhere; in  
color, form, proportion, light and shade.

Our canvas is a plot of plain old Mother earth;  
Our background is greensward, the foliage of  
trees, or rugged rock in part;  
Our paints, the buds and flowers that ever  
changing from their birth  
Each day retouch our work with Nature's  
matchless art.

DONALD MILLER.



Watch for our Trade Mark stamped  
on every brick of Lambert's

### Pure Culture Mushroom Spawns

Substitution of cheaper grades in  
bus easily exposed. Fresh sample  
rick, with illustrated book, mailed  
cost paid by manufacturers upon re-  
ceipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all  
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions,  
Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias,  
Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes,  
Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most  
beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and  
are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

## WILDPRET BROS.

LARGE GROWERS AND EXPORTERS OF

## BERMUDA ONION SEEDS

Highest Germination, Moderate Prices, Early Delivery

Let us book your order at once to secure a full supply.

Port Orotava, Teneriffe, Canary Islands.

# A Few Good Things We have for Leaders

## Burbank's Othello Plum

|                | Each   | Doz.  | 100 |
|----------------|--------|-------|-----|
| 2 1/2 ft. .... | \$0 35 | 3 60  |     |
| 2 3/4 ft. .... | 0 45   | 5 00  |     |
| 3 ft. ....     | 0 60   | 6 00  |     |
| 3 1/2 ft. .... | 0 75   | 8 00  |     |
| 4 ft. ....     | 1 00   | 10 00 |     |

## AMPELOPSIS VEITCHII

|                        | Each   | Doz.   | 100     |
|------------------------|--------|--------|---------|
| 2-year-old plants .... | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants .... | 20     | 2 00   | 15 00   |

## Ampelopsis Engelmani

|                        | Each | Doz.   | 100     |
|------------------------|------|--------|---------|
| 3-year-old plants .... | 25   | \$2 40 | \$15 00 |
| 4-year-old plants .... | 30   | 3 00   | 20 00   |

## ROSES

Extra Choice  
Field-Grown Stock.

|                             | Each   | Doz.   | Per 100 |
|-----------------------------|--------|--------|---------|
| American Pillar ....        | \$0 35 | \$3 50 |         |
| Baby Rambler, 2 yr. ....    | 2 00   | 2 40   | 14 00   |
| 3 yr. ....                  | 2 50   | 16 00  |         |
| Blue Rambler, 3 yr. ....    | 35     | 3 50   | 27 50   |
| Climbing Baby Rambler       | 75     | 8 00   |         |
| Crimson Rambler, 2 yr. .... | 2 00   | 2 00   | 15 00   |
| 3 yr. ....                  | 2 50   | 18 00  |         |

Unless noted, all the above varieties are 2 year dormant stock, budded. Besides the above, we can supply pot-grown stock of all the Novelties and Standard Varieties. Write for prices. On all orders for Dormant Roses, Vines, Shrubs and Trees, packing will be charged at cost.

ASK FOR OUR SPRING BOOK FOR FLORISTS.

## Vaughan's Seed Store, 31 W. Randolph St., CHICAGO. 25 Barclay St., NEW YORK.

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

## Amoor River Privet

|                 | Doz.   | 100    | 1000    |
|-----------------|--------|--------|---------|
| 12 1/2 in. .... | \$0 35 | \$3 50 | \$25 00 |
| 18 1/2 in. .... | 1 00   | 4 50   | 35 00   |
| 24 3/4 in. .... | 1 50   | 6 00   | 50 00   |

## Clematis—Large Flowering

|                      |         |                  |                  |
|----------------------|---------|------------------|------------------|
| 2-yr...ea....        | \$0 30; | doz., \$3 00;    | per 100, \$20 00 |
| 3 yr...ea....        | 40;     | doz., 3 60;      | per 100, 28 00   |
| Beauty of Worcester. |         | Miss Bateman.    |                  |
| Grosy Queen.         |         | Nellie Moser.    |                  |
| Henriii.             |         | Sieboldi.        |                  |
| Jackmanni.           |         | "Ville de Lyon." |                  |
| Mme. Baron Veillard. |         |                  |                  |

## Spiraea Van Houttei

|                       | Each   | Doz.   | 100    |
|-----------------------|--------|--------|--------|
| 1 1/2 ft. ....        | \$0 10 | \$0 85 | \$5 00 |
| 2 1/2 ft. ....        | 0 15   | 1 50   | 10 00  |
| 2 3/4 ft. strong .... | 0 20   | 1 80   | 12 00  |
| 3 ft. ....            | 0 24   | 2 00   | 15 00  |
| 4 ft. ....            | 0 25   | 2 50   | 20 00  |

## Clematis Paniculata

|                                | Each   | Doz.   | 100   |
|--------------------------------|--------|--------|-------|
| Seedlings from flats. ....     | \$0 50 | \$2 50 |       |
| 1 yr. old from 2 1/2 in. pots. |        | 60     | 4 00  |
| 2 yr. old clumps. ....         | 15     | 1 50   | 10 00 |
| 3 yr. old clumps. ....         | 20     | 2 00   | 15 00 |
| 4 yr. old clumps. ....         | 35     | 3 60   | 25 00 |

Each, 25c; dozen, \$2.00; per 100, \$15.00.

|                     |                         |
|---------------------|-------------------------|
| American Beauty.    | Mrs. R. G. S. Crawford. |
| Crimson Rambler.    | Paul Neyron.            |
| Dorothy Perkins.    | Philadelphia Rambler.   |
| Farben Konigen.     | Rugosa Alba.            |
| Frau Karl Druschki. | Rugosa Rubra.           |

|                       | Each   | Doz.   | Per 100 |
|-----------------------|--------|--------|---------|
| Lyon ....             | \$0 50 | \$5 00 |         |
| Paylla ....           | 35     | 3 00   | 22 00   |
| Soleil d'Or ....      | 2 50   | 20 00  |         |
| Tausendschon ....     | 3 00   | 20 00  |         |
| Velichenblau ....     | 35     | 3 50   | 27 50   |
| White Dorothy Perkins | 25     | 2 50   | 20 00   |

## A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100-class for the best dark pink at the A.C.S. meeting, Pittsburg, January 1909, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3 1/4 inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5000, \$400.00. 25 at 100 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.

## 1000 My Maryland Roses

2 1/2 in. pots, very strong and healthy.  
Will make good 4 in. by planting time.  
250 KAISERIN, 2 1/2 in., very strong and healthy.  
\$35.00 per 1000.

STUPPY FLORAL CO., St. Joseph, Mo.

## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2 1/4-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateau, Golden Gate,

2 1/2-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2 1/4-inch pots.

Send for circular.

J. L. DILLON, Bloomsburg, Pa.

## Geo. A. Kuhl

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FLORIST,

PEKIN, ILL.

## SPIREAS

Fine Forcing Clumps

Gladstone.....\$9 00 per 100

VAUGHAN'S SEED STORE  
CHICAGO NEW YORK

## ROSES

|                                                                       | 2 1/2-in. | 100     | 1000 |
|-----------------------------------------------------------------------|-----------|---------|------|
| Pink Killarney.....                                                   | \$6 00    | \$55 00 |      |
| White Killarney .....                                                 | 6 00      | 55 00   |      |
| Maryland, .....                                                       | 5 50      | 50 00   |      |
| Richmond, .....                                                       | 5 00      | 45 00   |      |
| Perles, Ready April 1 .....                                           | 5 50      | 50 00   |      |
| Richmond, Now ready .....                                             |           |         |      |
| 3 1/2-inch .....                                                      | 8 00      | 65 00   |      |
| Cut back bunched Pink Killarney, \$60.00 per 1000; good strong stock. |           |         |      |

POEHLMANN BROS. CO.,  
Morton Grove, Ill.

For Names Trade Directory Price  
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## The Nursery Trade

### American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shepandoah, Ia., Vice-President;  
John Hall, Rochester, N. Y., Sec'y.  
Twenty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

FREDERICK LAW OLMSTEAD, one of the foremost landscape architects of the country, was married to Miss Sarah H. Sharpless, at Cambridge, Mass., March 30.

CHICAGO.—Myron H. West has resigned his position as superintendent of Lincoln park, to enter business on his own account. Mr. West has been identified with the park for five and one-half years.

### Conifers in the Arnold Arboretum.

In the five-barred group of pines to which our native white pine belongs, is *Pinus Armandi* from central China, a new species, which has been growing for a few years in the arboretum. It seems to be quite hardy, and in a small state it somewhat resembles *Pinus Strobus*.

*Pinus Koraiensis* is a remarkably handsome white pine from Korea and northern China. It is very slow growing and is doing very well in the arboretum. The largest specimens I have seen are growing on the Dana estate at Glen Cove, Long Island. It forms a pyramidal outline with a dense thick habit. *Pinus Koraiensis* was introduced to this country from Japan about 43 years ago, and so far it gives promise of being a valuable pine for the decoration of parks and gardens.

The timber pine, *Pinus flexilis*, a native of the Rocky Mountains, does not appear in the arboretum, or anywhere else in the east, to give much promise of attaining the size or vigor in cultivation that it does in its native state. In its wild condition this is said to be a beautiful pine and it is widely distributed over the mountain regions of the interior of the continent. It is therefore unfortunate that it does not show some of its native vigor in the eastern side of the continent. It is said, however, to do well in Great Britain.

*Pinus monticola* is a native of the western slopes of the northern Rocky Mountains, and over a large part of the high regions of the west. It does remarkably well in the arboretum and is producing cones freely. Some years ago I noticed a very good specimen of it in the Cambridge Botanic Gardens, Harvard University. It grows very slowly in the pinetum at Highland Park, Rochester, N. Y.

*Pinus parviflora* is a most distinct and picturesque white pine from Japan, and grows remarkably well in the arboretum and has fruited freely for a number of years. The branches clothed with the tufts of blue green leaves, which are much shorter than the leaves of most other white pines, give it a strongly individualistic appearance. It is one of the coniferous evergreens that the Japanese have used largely in the dwarfing process, which is so much in vogue in Japanese ornamental gardening.

## CLOSING - OUT SALE OF Ornamental Nursery Stock

Of the late Samuel C. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready,

ADDRESS

### "MORRISVILLE NURSERIES"

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MORRISVILLE, PA.

# Ligustrum Ibota

The Privet Hedge, That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

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## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

Mention the American Florist when writing

*Pinus pentaphylla* bears a partial resemblance to *P. parviflora* and was for some time, we believe, confounded with this pine botanically. It is said to be a rare inhabitant of the mountains of southern Yezo in Japan. It is quite hardy and healthy in the arboretum. It is rare in cultivation, and I have never seen it elsewhere.

*Pinus Peuce* is a native of Montenegro and adjoining regions in southeastern Europe. Its relationship to the white pine group is evident at a glance. The habit is distinctly pyramidal, with dense branching. It is doing well in the Arnold Arboretum. Most of the plants of this pine in this country are grafted. Two or three years since Dr. Sargent procured a good supply of the seeds of *Pinus Peuce* from its native habitat, and a considerable number of seedlings have been raised and these will undoubtedly succeed better than the grafted stock.

There is a remarkably good dwarf form of *Pinus strobus* in the arboretum. There is a dwarf variety of the white pine sold in European nurseries, but the form in the arboretum is a much superior plant for garden decoration. The dwarf varieties of all the coniferous evergreens are all extremely useful in garden decoration.

JOHN DUNBAR.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestrut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

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## Jacs Smits & Co.,

NAARDEN,  
(Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

Price List Free on Demand.

Mention the American Florist when writing

## Alternantheras.....

Strong, well rooted cuttings; the kind that will please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street,  
Davenport, Iowa

MINNEAPOLIS, MINN.—The firm of Kusik-Eckhardt Co. has been reorganized. O. R. Eckhardt withdraws, and his share has been bought by Henry Kusik & Co.

# SEASONABLE STOCK



Weeping Mulberry.

## For Seedling Perennials

See Ready Reference Hardy Plants.

| TREES                                                                                                    |     | Each   |
|----------------------------------------------------------------------------------------------------------|-----|--------|
| <i>Morus Pendula</i> (Weeping Mulberry), 3 yr., heads 5 ft. high, stems 1½ to 1½ in.....                 |     | \$1.25 |
| <i>Cherry</i> , Early Richmond and Dyebrus, 1 to 1½ in. stem 6 to 8 ft.....                              | 50  |        |
| <i>Acer Negundo</i> (Box Elder), 2 to 2½ in. stems, 8 to 10 ft.....                                      | 100 |        |
| <i>Salix Americana</i> (American Weeping Willow), 1½ to 1½ in. stems 7 to 8 ft., nice heads.....         | 125 |        |
| <i>Ulmus Montana Pendula</i> (Camperdown Weeping Elm), 2½ to 3 in. stems, 10 to 12 ft., 3 yr. heads..... | 250 |        |
| <i>Populus Montifera</i> (Carolina Poplar), 2 to 2½ in.....                                              | 75  |        |

## SHRUBS

| SHRUBS                                                                          |        | Each |
|---------------------------------------------------------------------------------|--------|------|
| <i>Cornus Siberica</i> (Dogwood), 3½ to 4 ft., bushy.....                       | \$0.25 |      |
| <i>Spiraea Sorbifolia</i> (Ninebark Spirea), 2½ to 3 ft.....                    | 20     |      |
| <i>Thunbergii</i> , 2½ to 3 ft.....                                             | 25     |      |
| <i>Symphoricarpos Racemosus</i> (Snowberry or Warberry), 4 to 5 ft., bushy..... | 35     |      |
| <i>Symphoricarpos Vulgaris</i> (Indian Currant or Coral Berry), 2½ to 3 ft..... | 20     |      |

## PERENNIALS

Field-grown, Strong Divisions, \$1.00 per doz.; \$8.00 per 100.

|                                                                |  |
|----------------------------------------------------------------|--|
| <i>Achillea</i> (The Pearl).                                   |  |
| <i>Millefolium Roseum</i> (Red Yarrow Rose).                   |  |
| <i>Boltonia Asteroides</i> (False Chamomile).                  |  |
| <i>Chrysanthemum Uliginosum</i> (Great Ox Eye or Giant Daisy). |  |
| <i>Iris</i> , Japan, in assortment.                            |  |
| <i>Gerani</i> in assortment.                                   |  |
| <i>Lychnis chalcedonica</i> (Lamp Flower).                     |  |
| <i>Monarda Didyma</i> , red (Oswego Tea or Bee Balm).          |  |
| purple (Hoarse Mint).                                          |  |
| <i>Yucca Filamentosa</i> (Adam's Needle or Spanish Bayonet).   |  |
| <i>Dianthus</i> , or Garden Pink.                              |  |
| <i>Ranunculus Acris</i> Fl. Pl. (Yellow Bachelor Button).      |  |

## EASTER PLANTS

|                                                   |                 |                                                                |                |
|---------------------------------------------------|-----------------|----------------------------------------------------------------|----------------|
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FRANK A. WAGNER, Tiffin, O.

Send for Catalogue.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

Ageratum Stella Gurney, R. C. 85c per 100, prepaid, 2-in., 2c. J. L. Schiller, Toledo, O.  
Ageratums, rooted cuttings, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.  
Ageratum, Imperial dwarf blue, 2½-in., \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.  
Alternantheras, red and yellow, rooted cuttings, 60c per 100; \$5 per 1,000; 2½-in., \$2 per 100; \$18 per 1,000. Mosbak Greenhouse Co., Onarga, Ill.

ALTERNANTHERAS, red and yellow, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 223 W. 16th St., Davenport, Ia.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.  
Alternantheras, 6 vars., 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ALYSSUM

Alyssum, dbl. dwarf and giant, 2-in., \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Double giant alyssum, 70c per 100; \$6 per 1,000, prepaid. C. Humfeld, Clay Center, Kans.  
Alyssum, giant dbl., R. C. 75c per 100, prepaid, 2-in., 2c. J. L. Schiller, Toledo, O.

Alyssum, dwarf Little Gem, 2½-in., \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Alyssum, dbl. and single, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## AMPELOPSIS.

Ampelopsis Veltchii, 2-year, 18 to 24-inch tops \$1.75 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Ampelopsis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucaria excelsa, 3 tiers, 50c each; \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Araucaria Sprengeri, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Araucaria excelsa, 5-in., 50c; 6-in., 75c. C. Eisele, Philadelphia.

## ASTERS.

Asters. Dreer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Five Asters, \$2.50 per 100 or \$18 per 1,000. Beal P. Castner, 120 Taylor St., Washington, N. J.

## ASPARAGUS.

Asparagus plumosus, and Sprengeri. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Potbound 3-in., Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprengeri, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, 1c. Asparagus Sprengeri, extra heavy 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, \$2 per 100; Sprengeri, \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 2, 2½ and 3-in. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 2½-in., 3c; 3-in., 6c; 4-in., 3c. Mosbak Greenhouse Co., Onarga, Ill.

## AZALEAS.

Azalea mollis, 12 to 15-in., \$25 per 100; 15 to 18-in., \$35. Storrs & Harrison Co., Painesville, O.

Azaleas. Jacs Smits, Naarden, Holland.

Azaleas. Wm. Tricker, Arlington, N. J.

## BAY TREES.

Bay trees. Julius Roehrs Co., Rutherford, N. J.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock, 3-in., 4 or 100: Lemon verbenas, moonvine, Echeveria glauca, Salvia, variegated geraniums, Mrs. Parker, geraniums, Swainson alba. Stock from 2½-in., \$2.50 100; German Ivy, Impatiens Sultan and Holsti, cuphea, snapdragons, fuchsias, Var. Vinca, lobelia, Ageratum, Clematis, Paeonias. Variegated ice plant, hardy pinks, Abutilon Savitzi, nymphaea and rose geraniums. Rooted cuttings, from soil, \$1 per 100; Carnation Queen, German Ivy, Salvia, pilea, stevia, ageratum, tradescantia, ficus repens, lobelias, Santolina, Swainson alba, Verbenas, Chrysanthemums, rooted cuttings, White Cloud, Pacific Supreme, Belle, Golden Glow, \$2 per 100. C. Eisele, Philadelphia.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorrain, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new) \$8 per doz. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$15 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonia Glory of Cincinnati. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood. For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single dowering, 40c per doz.; \$2.50 per 100; \$25 per 1,000; double dowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Forster, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. W. J. Eldering & Son, Overveen, Haarlem, Holland.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

## CANNAS.

CANNAS, 4-in., strong plants, Henderson, Patry, Austria, Wyoming, Chicago, Egandale, GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mile. Beat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Cannas, B. Beauty, \$2.50. D. Harum, \$2. Marlborough, Austria, America, Italia, Eganale, Penn., \$1.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Canna roots, Pennsylvania, \$25 per 1,000. Neff's 20th Century red, \$5 per 100. Strictly Cass. Neff National Floral Co., Bellevue, Pa.

Cannas, 10 vars., \$4 per 100. King Humbert, 2½-in., \$6. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

Carnations. Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000. Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

### ROOTED CARNATION CUTTINGS.

|                  | Per 100 | Per 1,000 |
|------------------|---------|-----------|
| Washington       | \$10.00 | \$75.00   |
| Sangamo          | 6.00    | 50.00     |
| Mary Tolman      | 6.00    | 50.00     |
| May Day          | 3.00    | 25.00     |
| Beacon           | 3.00    | 25.00     |
| White Perfection | 2.50    | 20.00     |
| Enchantress      | 2.50    | 20.00     |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

### ROOTED CARNATION CUTTINGS.

|                                  | 100     | 1000    |
|----------------------------------|---------|---------|
| Washington, cerise, a sport from |         |         |
| Enchantress                      | \$10.00 | \$75.00 |
| Sangamo, brilliant flesh         | 6.00    | 50.00   |
| Mary Tolman, deep flesh          | 6.00    | 50.00   |
| May Day, flesh pink              | 3.00    | 25.00   |
| Enchantress                      | 3.00    | 25.00   |
| Alvina, cerise                   | 3.00    | 25.00   |
| White Enchantress                | 3.00    | 25.00   |

CHICAGO CARNATION CO.,

30 E. Randolph St., Chicago.

Carnations, Dorothy Gordon, plants from 2½-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C. \$1 per 100. Ribbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2½-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. P. Dorner & Son Co., La Fayette, Ind.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnation Dorothy Gordon, R. C. 56 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.  
Carnations, leading varieties. Chas. H. Totty, Madison, N. J.  
Carnation Bright Spot, \$12 per 100; \$100 per 1,000. N.C. Zwiefel, North Milwaukee, Wis.  
Carnations. A. M. Herr, Lancaster, Pa.  
Carnations. Wood Bros., Fishkill, N. Y.

### HARDY CARNATIONS.

The new hardy ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live out in the garden during the winter. We have pleasure in offering this new plant, as it will fill the bill. It is absolutely hardy, standing even the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By putting up in the fall you can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give as much satisfaction as the Hardy CARNATION CRIMSON KING. Per dozen, \$1.25; per 100, \$5; per 1,000, \$50. 25 plants sold at 100 rates; 250 plants at 1,000 rates. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the world, Springfield, Ohio.

### CHRYSANTHEMUMS.

CHRYSANTHEMUMS: rooted cuttings, \$150 per 100; 2-in. \$5 per 100 of the following varieties: White and Pink Garza, Buckbee, Enguehard, Bonnafont, Golden Glow, T. Eaton, Pacific Supreme, THE GOOD & REESE CO., Edgebrook, Chicago, Ill.  
Chrysanthemums from 2-in. pots, Elise Papeworth, 5c; Pres. Taft, 4c; W. H. Chadwick, 25c; Oct. Frost, 25c; Jeanne, 25c; Golden Major Bonnafont, 3c; J. L. Schiller, Toledo, O.  
Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.  
Chrysanthemums, Glory of Pacific, 2 1/2-in., 2c; Dr. Enguehard and Beatrice May, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.  
Hardy chrysanthemums, \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.  
Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.  
Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

### CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

### CLEMATIS.

Clematis Paniculata Grandiflora, strong one-year field-grown, \$6.50 per 100; \$60 per 1,000. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the world, Springfield, Ohio.  
Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.  
Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Eisele, Philadelphia.

### COBEAS.

Cobea Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO. Edgebrook, Chicago, Ill.

### COLEUSES.

Coleus. Standard varieties including Golden Badder and Verschaffeltii, rooted cuttings, 75c per 100; \$6 per 1,000. 2 1/2-in., 2c. Mosbek Greenhouse Co., Onarga, Ill.  
Coleus, a grand collection, named, 70c per 100; \$6 per 1,000, prepaid. C. Humfield, Clay Center, Kans.  
Coleus, Golden Badder, Verschaffeltii and others, \$1.50 per 100; \$12.50 per 1,000. Reezer Plant Co., Springfield, O.  
Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.  
Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.  
Coleus, G. Badder and Verschaffeltii, \$6 per 1,000. A. M. Herr, Lancaster, Pa.

### CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.  
Crotons, 2-in., \$1 per doz.; 3-in., \$1.75; 3 1/2-in., \$2; 4-in., \$3. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

### CYCLAMENS.

Cyclamen, transplanted seedlings, extra strong, 4 to 5 leaves, best strain in existence, 10 different varieties, ready pot, \$2.50 per 100; \$22.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, transplanted seedlings. Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 25c. J. L. Schiller, Toledo, O.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedham Bulb Co., Santa Cruz, N. J.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Bell Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias, hollyhocks, hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 882, Denver, Colo.

Dahlias, cactus and decorative. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Dahlias, \$1 special offer by mail, postpaid, 12 new and best. Peacock Dahlias Farms, Williamstown, N. J. Postoffice, Berlin, N. J.

### DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Shasta daisy Alaska, 2-in., \$2 per 100. Reezer Plant Co., Springfield, O.

### DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., ready for shift, \$10 per 100. Fine stock. Cash. McDonald & Steele, Crawfordville, Ind.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia.

Dracena indivisa, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

### EASTER PLANTS.

Easter plants, lilies, per 100 flowers, \$12. Azalea Van der Cruyssen, 75c to \$2.50 each. Baby Rambler roses, 4-in., \$3 per doz.; 5-in., \$5 per 100; \$20 per 1,000. Nephrolepis Bostoniensis (The Boston fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallifolia Furcus (The Fish Tail fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), Boston proved Amerpholli, \$1 per doz.; \$7 per 100. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springfieldi (The Springfield fern), upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis Superbissima (The Fluffy Fern), \$4 per 100. Nephrolepis Bostoniensis (The Boston fern), \$4 per 100. Nephrolepis Whitmanii (The Ostreich Plume fern), \$3.50 per 100. Nephrolepis Harrisii (The Hair fern), \$4 per 100. Nephrolepis of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the world, Springfield, Ohio.

### FERNS.

Ferns. Fine stock from 2 1/2-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern) NEW. See display advertisement March 25th issue, page 428 of American Florist. The grandest of all ferns. We book your order now for June 1st delivery, \$3.50 per dozen; \$35 per 100; \$200 per 1,000. Nephrolepis Bostoniensis (The Boston fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallifolia Furcus (The Fish Tail fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), Boston proved Amerpholli, \$1 per doz.; \$7 per 100. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springfieldi (The Springfield fern), upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis Superbissima (The Fluffy Fern), \$4 per 100. Nephrolepis Bostoniensis (The Boston fern), \$4 per 100. Nephrolepis Whitmanii (The Ostreich Plume fern), \$3.50 per 100. Nephrolepis Harrisii (The Hair fern), \$4 per 100. Nephrolepis of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the world, Springfield, Ohio.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$60 per 1,000; 4-in., \$10 per 100; \$80 per 1,000; 5-in., \$15 per 100; \$120 per 1,000; 6-in., \$20 per 100; \$160 per 1,000; 7-in., \$25 per 100; \$200 per 1,000; 8-in., \$30 per 100; \$240 per 1,000; 9-in., \$35 per 100; \$280 per 1,000; 10-in., \$40 per 100; \$320 per 1,000; 11-in., \$45 per 100; \$360 per 1,000; 12-in., \$50 per 100; \$400 per 1,000; 13-in., \$55 per 100; \$440 per 1,000; 14-in., \$60 per 100; \$480 per 1,000; 15-in., \$65 per 100; \$520 per 1,000; 16-in., \$70 per 100; \$560 per 1,000; 17-in., \$75 per 100; \$600 per 1,000; 18-in., \$80 per 100; \$640 per 1,000; 19-in., \$85 per 100; \$680 per 1,000; 20-in., \$90 per 100; \$720 per 1,000; 21-in., \$95 per 100; \$760 per 1,000; 22-in., \$100 per 100; \$800 per 1,000; 23-in., \$105 per 100; \$840 per 1,000; 24-in., \$110 per 100; \$880 per 1,000; 25-in., \$115 per 100; \$920 per 1,000; 26-in., \$120 per 100; \$960 per 1,000; 27-in., \$125 per 100; \$1,000 per 1,000; 28-in., \$130 per 100; \$1,040 per 1,000; 29-in., \$135 per 100; \$1,080 per 1,000; 30-in., \$140 per 100; \$1,120 per 1,000; 31-in., \$145 per 100; \$1,160 per 1,000; 32-in., \$150 per 100; \$1,200 per 1,000; 33-in., \$155 per 100; \$1,240 per 1,000; 34-in., \$160 per 100; \$1,280 per 1,000; 35-in., \$165 per 100; \$1,320 per 1,000; 36-in., \$170 per 100; \$1,360 per 1,000; 37-in., \$175 per 100; \$1,400 per 1,000; 38-in., \$180 per 100; \$1,440 per 1,000; 39-in., \$185 per 100; \$1,480 per 1,000; 40-in., \$190 per 100; \$1,520 per 1,000; 41-in., \$195 per 100; \$1,560 per 1,000; 42-in., \$200 per 100; \$1,600 per 1,000; 43-in., \$205 per 100; \$1,640 per 1,000; 44-in., \$210 per 100; \$1,680 per 1,000; 45-in., \$215 per 100; \$1,720 per 1,000; 46-in., \$220 per 100; \$1,760 per 1,000; 47-in., \$225 per 100; \$1,800 per 1,000; 48-in., \$230 per 100; \$1,840 per 1,000; 49-in., \$235 per 100; \$1,880 per 1,000; 50-in., \$240 per 100; \$1,920 per 1,000; 51-in., \$245 per 100; \$1,960 per 1,000; 52-in., \$250 per 100; \$2,000 per 1,000; 53-in., \$255 per 100; \$2,040 per 1,000; 54-in., \$260 per 100; \$2,080 per 1,000; 55-in., \$265 per 100; \$2,120 per 1,000; 56-in., \$270 per 100; \$2,160 per 1,000; 57-in., \$275 per 100; \$2,200 per 1,000; 58-in., \$280 per 100; \$2,240 per 1,000; 59-in., \$285 per 100; \$2,280 per 1,000; 60-in., \$290 per 100; \$2,320 per 1,000; 61-in., \$295 per 100; \$2,360 per 1,000; 62-in., \$300 per 100; \$2,400 per 1,000; 63-in., \$305 per 100; \$2,440 per 1,000; 64-in., \$310 per 100; \$2,480 per 1,000; 65-in., \$315 per 100; \$2,520 per 1,000; 66-in., \$320 per 100; \$2,560 per 1,000; 67-in., \$325 per 100; \$2,600 per 1,000; 68-in., \$330 per 100; \$2,640 per 1,000; 69-in., \$335 per 100; \$2,680 per 1,000; 70-in., \$340 per 100; \$2,720 per 1,000; 71-in., \$345 per 100; \$2,760 per 1,000; 72-in., \$350 per 100; \$2,800 per 1,000; 73-in., \$355 per 100; \$2,840 per 1,000; 74-in., \$360 per 100; \$2,880 per 1,000; 75-in., \$365 per 100; \$2,920 per 1,000; 76-in., \$370 per 100; \$2,960 per 1,000; 77-in., \$375 per 100; \$3,000 per 1,000; 78-in., \$380 per 100; \$3,040 per 1,000; 79-in., \$385 per 100; \$3,080 per 1,000; 80-in., \$390 per 100; \$3,120 per 1,000; 81-in., \$395 per 100; \$3,160 per 1,000; 82-in., \$400 per 100; \$3,200 per 1,000; 83-in., \$405 per 100; \$3,240 per 1,000; 84-in., \$410 per 100; \$3,280 per 1,000; 85-in., \$415 per 100; \$3,320 per 1,000; 86-in., \$420 per 100; \$3,360 per 1,000; 87-in., \$425 per 100; \$3,400 per 1,000; 88-in., \$430 per 100; \$3,440 per 1,000; 89-in., \$435 per 100; \$3,480 per 1,000; 90-in., \$440 per 100; \$3,520 per 1,000; 91-in., \$445 per 100; \$3,560 per 1,000; 92-in., \$450 per 100; \$3,600 per 1,000; 93-in., \$455 per 100; \$3,640 per 1,000; 94-in., \$460 per 100; \$3,680 per 1,000; 95-in., \$465 per 100; \$3,720 per 1,000; 96-in., \$470 per 100; \$3,760 per 1,000; 97-in., \$475 per 100; \$3,800 per 1,000; 98-in., \$480 per 100; \$3,840 per 1,000; 99-in., \$485 per 100; \$3,880 per 1,000; 100-in., \$490 per 100; \$3,920 per 1,000; 101-in., \$495 per 100; \$3,960 per 1,000; 102-in., \$500 per 100; \$4,000 per 1,000; 103-in., \$505 per 100; \$4,040 per 1,000; 104-in., \$510 per 100; \$4,080 per 1,000; 105-in., \$515 per 100; \$4,120 per 1,000; 106-in., \$520 per 100; \$4,160 per 1,000; 107-in., \$525 per 100; \$4,200 per 1,000; 108-in., \$530 per 100; \$4,240 per 1,000; 109-in., \$535 per 100; \$4,280 per 1,000; 110-in., \$540 per 100; \$4,320 per 1,000; 111-in., \$545 per 100; \$4,360 per 1,000; 112-in., \$550 per 100; \$4,400 per 1,000; 113-in., \$555 per 100; \$4,440 per 1,000; 114-in., \$560 per 100; \$4,480 per 1,000; 115-in., \$565 per 100; \$4,520 per 1,000; 116-in., \$570 per 100; \$4,560 per 1,000; 117-in., \$575 per 100; \$4,600 per 1,000; 118-in., \$580 per 100; \$4,640 per 1,000; 119-in., \$585 per 100; \$4,680 per 1,000; 120-in., \$590 per 100; \$4,720 per 1,000; 121-in., \$595 per 100; \$4,760 per 1,000; 122-in., \$600 per 100; \$4,800 per 1,000; 123-in., \$605 per 100; \$4,840 per 1,000; 124-in., \$610 per 100; \$4,880 per 1,000; 125-in., \$615 per 100; \$4,920 per 1,000; 126-in., \$620 per 100; \$4,960 per 1,000; 127-in., \$625 per 100; \$5,000 per 1,000; 128-in., \$630 per 100; \$5,040 per 1,000; 129-in., \$635 per 100; \$5,080 per 1,000; 130-in., \$640 per 100; \$5,120 per 1,000; 131-in., \$645 per 100; \$5,160 per 1,000; 132-in., \$650 per 100; \$5,200 per 1,000; 133-in., \$655 per 100; \$5,240 per 1,000; 134-in., \$660 per 100; \$5,280 per 1,000; 135-in., \$665 per 100; \$5,320 per 1,000; 136-in., \$670 per 100; \$5,360 per 1,000; 137-in., \$675 per 100; \$5,400 per 1,000; 138-in., \$680 per 100; \$5,440 per 1,000; 139-in., \$685 per 100; \$5,480 per 1,000; 140-in., \$690 per 100; \$5,520 per 1,000; 141-in., \$695 per 100; \$5,560 per 1,000; 142-in., \$700 per 100; \$5,600 per 1,000; 143-in., \$705 per 100; \$5,640 per 1,000; 144-in., \$710 per 100; \$5,680 per 1,000; 145-in., \$715 per 100; \$5,720 per 1,000; 146-in., \$720 per 100; \$5,760 per 1,000; 147-in., \$725 per 100; \$5,800 per 1,000; 148-in., \$730 per 100; \$5,840 per 1,000; 149-in., \$735 per 100; \$5,880 per 1,000; 150-in., \$740 per 100; \$5,920 per 1,000; 151-in., \$745 per 100; \$5,960 per 1,000; 152-in., \$750 per 100; \$6,000 per 1,000; 153-in., \$755 per 100; \$6,040 per 1,000; 154-in., \$760 per 100; \$6,080 per 1,000; 155-in., \$765 per 100; \$6,120 per 1,000; 156-in., \$770 per 100; \$6,160 per 1,000; 157-in., \$775 per 100; \$6,200 per 1,000; 158-in., \$780 per 100; \$6,240 per 1,000; 159-in., \$785 per 100; \$6,280 per 1,000; 160-in., \$790 per 100; \$6,320 per 1,000; 161-in., \$795 per 100; \$6,360 per 1,000; 162-in., \$800 per 100; \$6,400 per 1,000; 163-in., \$805 per 100; \$6,440 per 1,000; 164-in., \$810 per 100; \$6,480 per 1,000; 165-in., \$815 per 100; \$6,520 per 1,000; 166-in., \$820 per 100; \$6,560 per 1,000; 167-in., \$825 per 100; \$6,600 per 1,000; 168-in., \$830 per 100; \$6,640 per 1,000; 169-in., \$835 per 100; \$6,680 per 1,000; 170-in., \$840 per 100; \$6,720 per 1,000; 171-in., \$845 per 100; \$6,760 per 1,000; 172-in., \$850 per 100; \$6,800 per 1,000; 173-in., \$855 per 100; \$6,840 per 1,000; 174-in., \$860 per 100; \$6,880 per 1,000; 175-in., \$865 per 100; \$6,920 per 1,000; 176-in., \$870 per 100; \$6,960 per 1,000; 177-in., \$875 per 100; \$7,000 per 1,000; 178-in., \$880 per 100; \$7,040 per 1,000; 179-in., \$885 per 100; \$7,080 per 1,000; 180-in., \$890 per 100; \$7,120 per 1,000; 181-in., \$895 per 100; \$7,160 per 1,000; 182-in., \$900 per 100; \$7,200 per 1,000; 183-in., \$905 per 100; \$7,240 per 1,000; 184-in., \$910 per 100; \$7,280 per 1,000; 185-in., \$915 per 100; \$7,320 per 1,000; 186-in., \$920 per 100; \$7,360 per 1,000; 187-in., \$925 per 100; \$7,400 per 1,000; 188-in., \$930 per 100; \$7,440 per 1,000; 189-in., \$935 per 100; \$7,480 per 1,000; 190-in., \$940 per 100; \$7,520 per 1,000; 191-in., \$945 per 100; \$7,560 per 1,000; 192-in., \$950 per 100; \$7,600 per 1,000; 193-in., \$955 per 100; \$7,640 per 1,000; 194-in., \$960 per 100; \$7,680 per 1,000; 195-in., \$965 per 100; \$7,720 per 1,000; 196-in., \$970 per 100; \$7,760 per 1,000; 197-in., \$975 per 100; \$7,800 per 1,000; 198-in., \$980 per 100; \$7,840 per 1,000; 199-in., \$985 per 100; \$7,880 per 1,000; 200-in., \$990 per 100; \$7,920 per 1,000; 201-in., \$995 per 100; \$7,960 per 1,000; 202-in., \$1,000 per 100; \$8,000 per 1,000; 203-in., \$1,005 per 100; \$8,040 per 1,000; 204-in., \$1,010 per 100; \$8,080 per 1,000; 205-in., \$1,015 per 100; \$8,120 per 1,000; 206-in., \$1,020 per 100; \$8,160 per 1,000; 207-in., \$1,025 per 100; \$8,200 per 1,000; 208-in., \$1,030 per 100; \$8,240 per 1,000; 209-in., \$1,035 per 100; \$8,280 per 1,000; 210-in., \$1,040 per 100; \$8,320 per 1,000; 211-in., \$1,045 per 100; \$8,360 per 1,000; 212-in., \$1,050 per 100; \$8,400 per 1,000; 213-in., \$1,055 per 100; \$8,440 per 1,000; 214-in., \$1,060 per 100; \$8,480 per 1,000; 215-in., \$1,065 per 100; \$8,520 per 1,000; 216-in., \$1,070 per 100; \$8,560 per 1,000; 217-in., \$1,075 per 100; \$8,600 per 1,000; 218-in., \$1,080 per 100; \$8,640 per 1,000; 219-in., \$1,085 per 100; \$8,680 per 1,000; 220-in., \$1,090 per 100; \$8,720 per 1,000; 221-in., \$1,095 per 100; \$8,760 per 1,000; 222-in., \$1,100 per 100; \$8,800 per 1,000; 223-in., \$1,105 per 100; \$8,840 per 1,000; 224-in., \$1,110 per 100; \$8,880 per 1,000; 225-in., \$1,115 per 100; \$8,920 per 1,000; 226-in., \$1,120 per 100; \$8,960 per 1,000; 227-in., \$1,125 per 100; \$9,000 per 1,000; 228-in., \$1,130 per 100; \$9,040 per 1,000; 229-in., \$1,135 per 100; \$9,080 per 1,000; 230-in., \$1,140 per 100; \$9,120 per 1,000; 231-in., \$1,145 per 100; \$9,160 per 1,000; 232-in., \$1,150 per 100; \$9,200 per 1,000; 233-in., \$1,155 per 100; \$9,240 per 1,000; 234-in., \$1,160 per 100; \$9,280 per 1,000; 235-in., \$1,165 per 100; \$9,320 per 1,000; 236-in., \$1,170 per 100; \$9,360 per 1,000; 237-in., \$1,175 per 100; \$9,400 per 1,000; 238-in., \$1,180 per 100; \$9,440 per 1,000; 239-in., \$1,185 per 100; \$9,480 per 1,000; 240-in., \$1,190 per 100; \$9,520 per 1,000; 241-in., \$1,195 per 100; \$9,560 per 1,000; 242-in., \$1,200 per 100; \$9,600 per 1,000; 243-in., \$1,205 per 100; \$9,640 per 1,000; 244-in., \$1,210 per 100; \$9,680 per 1,000; 245-in., \$1,215 per 100; \$9,720 per 1,000; 246-in., \$1,220 per 100; \$9,760 per 1,000; 247-in., \$1,225 per 100; \$9,800 per 1,000; 248-in., \$1,230 per 100; \$9,840 per 1,000; 249-in., \$1,235 per 100; \$9,880 per 1,000; 250-in., \$1,240 per 100; \$9,920 per 1,000; 251-in., \$1,245 per 100; \$9,960 per 1,000; 252-in., \$1,250 per 100; \$10,000 per 1,000; 253-in., \$1,255 per 100; \$10,040 per 1,000; 254-in., \$1,260 per 100; \$10,080 per 1,000; 255-in., \$1,265 per 100; \$10,120 per 1,000; 256-in., \$1,270 per 100; \$10,160 per 1,000; 257-in., \$1,275 per 100; \$10,200 per 1,000; 258-in., \$1,280 per 100; \$10,240 per 1,000; 259-in., \$1,285 per 100; \$10,2

Greens, evergreen, fancy and dagger ferns, bronze and green galax, Geo. Cotsouas & Co., 50 W. 25th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

## GERBERAS.

Gerbera Jamesoni hybrida, seeds, 66c per 100; \$5.76 per 1,000. Seedlings, \$2.88 per 100; plants in pots, 2-in., 75c per 100; \$6.72 per 100; 3-in., \$2.40; 4-in., \$3.10; 5-in., \$3.30; 6-in., \$3.50; 7-in., \$3.75; 8-in., \$4.00. Establishments Horticoles, Du Littoral, Cap D'Antibes (Alp-Mar.), France.

## HARDY PLANTS.

Hardy plants, Baltonia Asteroides, \$30 per 1,000. Baltonia Latisquama, \$40 per 1,000. Monarda Didyma, \$40 per 1,000. Funkia Lancifolia, \$30 per 1,000. Pyrethrum Uliginosum, \$40 per 1,000. Valeriana Officinalis, \$40 per 1,000. Field-grown stock, E. C. Lowe, Route 8, Milwaukee, Wis.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus Multiflorus, 4 in. pl., \$10 per 1,000. Garden pinks, Lychinis Hageana, Freudenburg, \$10 per 1,000. Gaillardia grandiflora, and Sweet William, \$5 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotrope, rooted cuttings, \$1 per 100; \$8 per 1,000, prepaid. C. Hunfeld, Clay Center, Kans.

Heliotrope, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, R. C. N. J. per 100. Geo. M. Emmons, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Alpenglow strain in mixture, all at \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue, W. W. Wilmore, Box 352, Denver, Colo.

## HYDRANGEAS.

Hydrangea Arborcensens Grandiflora Alba or (Hills of Snow), New. 2-year-old field-grown, 3 to 6 canes, \$2 per doz.; \$12 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins., \$5 per 100; 2 to 3 feet, 6c. Tree shaped, 3 to 3½ ft., \$8; 3 to 4 ft., \$10. J. H. Dana and Son, Westfield, N. Y.

## IVY.

Ivy, root cuttings. English, \$9 per 1,000; German, \$7 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Ivy, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Ivy, hardy English, \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

German Ivy, 2½-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Ivy, E. C. English, \$1; German, 50c per 100, prepaid. Cash, Frost, Kenilworth, N. J.

## LILACS.

LILACS in bloom, purple and white, \$1.50 each. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Lilacs. Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley, Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley pipes, cases of 1,000, \$9 per 1,000; cases of 3,000, \$8 per 1,000. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

### From Chicago Market.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$16 per 1,000. The Florists' money market, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

## MOONVINES.

Moonvines, Ipomea Maxima, the giant flowering, flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around; 2½-inch pots, \$4 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, Ipomea Maxima, \$4 per 100; the old variety, \$3.50 per 100. Good & Reese Co., Springfield, O.

Moonvines, 2½-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

## MOSS.

Spaghnum Moss, new selected stock, 10 bbl. bale, \$2.50 per bale; 5 bbl. bales, \$2 per bale. B. H. Cramer, Brookville, N. J.

## MUSHROOM SPAWN.

Mushroom Spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

## NIEREMBERGIA.

Nierembergia gracilis, indispensable for fine box plant stock, 2½-in., \$3; R. C. N. J. W. J. Olds, Union City, Pa.

## NURSERY STOCK.

Trees, Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dyebrus, 6 to 8 ft., 50c; 8 to 10 ft., \$1.25. 8 to 10 ft., \$1.25. Salix Americana, 7 to 8 ft., \$1.25. Ulmus Montana pendula, 10 to 12 ft., 25c. Populus Monilifera, 2 to 2½-in., 75c. Shrubs, Cornus rugosa, 2½ to 4 ft., 25c. Spirea Sorbifolia, 2½ to 3 ft., 20c; S. Thunbergii, 2½ to 3 ft., 25c. Symphoricarpos Racemosus, 4 to 5 ft., 25c. 2½ to 4 ft., 20c. Geo. Wittold Co., Edgebrook, Chicago, Ill.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1½-in. stems, 7 to 8 ft. trees, 50c each. Dyebrus cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$12 per 100. Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, barried plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas, Jacs Smith, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Burbank's Othello plum. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock, arbor vitae (Thuya occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Ornamental Shrubbery. C. C. Nash, Kalamazoo, Mich.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## OLEANDERS.

Oleanders in pots, 3 to 4 feet high, white, pink and red, bushy plants at \$50 per 100. Metairie Ridge Nursery Co., Ltd., New Orleans, La.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. Y.

Orchids, all commercial, cattleyas and novelties. Carillo & Baldwin, Mamaroneck, N. Y.

## PANDANUS.

PANDANUS UTILIS, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$4 per doz.; 7-in., \$12 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Pandanus. For varieties and prices see advertisement elsewhere in this issue. Geo. Wittold Co., 757 Buckingham Pl., Chicago.

## PANSIES.

35,000 transplanted pansies, finest imported strains, \$1.25 per 100; \$10 per 1,000. Write for sample. Cash, please. P. Rieth & Co., Downers Grove, Ill.

50,000 FIELD-GROWN pansy plants, never under glass, strong, bushy plants. THE KIND THAT SELL, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kenilworth, N. J.

Pansies, seedlings, \$4 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Pansies, transplanted, mixed, \$5 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

Pansy plants, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

## PALMS.

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per 100; \$60 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Phenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Palms, Kentias, Joseph Heacock & Co., Wynona, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Julius Roehrs Co., Rutherford, N. J.

Palms, Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all vars. Jacs Smiths, Naarden, Holland.

## PELARGONIUMS.

Pelargoniums, surplus stock, large and fine, ready for a shift, Mrs. Laval, \$4 per 100. Surprise, Mmes. Vibert, Linda, \$5 per 100. A. D. Root, Wmose, Ohio.

Pelargoniums, assorted colors, 3-in., \$1 per 12; 5-in., \$5.50 per 12. Cash. P. Rieth & Co., Downers Grove, Ill.

## PEPPERS.

Christmas peppers, 2½-in., \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

## PETUNIAS.

Petunias, dbl. white and mixed, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## PHLOX.

Phlox. We offer one hundred thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## POINSETTIAS.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$3 per 100; \$45 per 1,000. Stanton Florist Supply Co., Stanton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

## PRIMULAS.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

## PRIVET.

California privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 100; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Ligustrum Ito, \$5 per 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co., office: Worcester, Mass. Nurseries: Castle Hayne, N. C.

Amor River privet. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## RHODODENDRONS.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smiths, Naarden, Holland.

Rhododendrons. Wm. Tricker, Arlington, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**ROSES.**

Roses, grafted. Pink and White Killarney, Richmond and Maryland, 2½-in. pots, \$12 per 100. Kaiserin, own root, 2½-in., \$4 per 100; \$35 per 1,000. Bassett & Washburn, 76 Wabash Ave., Chicago.

**ROSE PLANTS.**

From 2½-inch pots. Per 100 Per 1,000  
**RICHMOND**, 5-in., \$3.50 \$30.00  
**WHITE KILLARNEY**, 5-in., 6.50 60.00  
**AM. BEAUTY**, bench plants.  
 1-year-old 7.00 65.00

GEO. REINBERG.

162 North Wabash Ave., Chicago.

**ROSES**, Burbank, Hermosa, Souv. de P. Notting, La France, White, Helen Gould, Jules Margottin, Coq. des Blanchés, \$3 per 100; \$25 per 1,000. Louis Van Houtte, Chas. Le Fevre, Gloire de Exp. Bruxelles, Killarney, \$3.50 per 100; \$30 per 1,000. WAGNER PARK CONSERVATORIES, Sidney, O.

Roses, Lady Hillingdon, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. G. D. WITT, BOLD CO., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses, My Maryland, 2½-in., Kaiserin, 2½-in., \$3 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, hybrid teas. Wm. Tricker, Arlington, N. J.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leedle Floral Co., Springfield, O.

Roses. 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

Roses. Bobbink & Atkins, Rutherford, N. J.

**SALVIAS.**

20,000 transplanted Salvia seedlings, Ball of Fire, Bonfire, Troop Spike and Zurich, \$1 per 100; \$8 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Salvias, Zurich and Splendens, 2½-in., 2½c. Mosbak Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvias, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvias, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

**SEEDS.**

Seeds, Asparagus plumosus nanus, 2,500 seeds, \$7.50; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seeds, cabbage, cauliflower, carrot, mangold, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, safflower, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, sweet peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds, Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, Landreth Seed Establishment, Bloomdale Farms, Bristol, Pa.

Seeds, Vick's Quality, James Vick's Sons, Rochester, N. Y.

Seeds, aster, Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds, J. M. Thorburn & Co., 33 Barclay St., New York.

Seeds, Burnett Bros., 72 Cortlandt St., New York.

Seeds, cabbage, cauliflower or root seeds. L. Dahmfeldt, Odense, Denmark.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seed, pansy, Matchless, \$4 per oz. Masterpiece, \$3 per oz. J. Sambridge, Mandeville Road, Emdid Lock, England.

Bermuda onion seed, Wildpret Bros., Port-Ortava, Teneriffe, Canary Islands.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn, Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, marionette, verbenas. Waldo Robert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carlinville, Calif.

**SMILAX.**

\$3.50 per 100. DWARF FERNS for fern dishes, 10 best varieties, \$3 per 100; \$27.50 per 1,000. For larger sized ferns, write for prices. Our

Smilax, strong seedlings, \$4 per 1,000. P. Rieth & Co., Downers Grove, Ill.

Smilax, Wood Bros., Fishkill, N. Y.

Salvia Jewel, introduction 1911, much superior to Zurich, 1-in., \$1 doz. Bavaria (White Zurich) C. R. 1½c; 2-in., 2c. J. L. Schiller, Toledo, O.

Salvia Bonfire and Zurich, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**SNAPDRAGONS.**

Snappdragons, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**STOCKS.**

Stocks, English double Ten Week Stocks, separate colors, 2½-in., \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

**SPIREAS.**

Spiraea Van Houttei. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Spiraea Gladstone, Queen Alexandra, 6-in., in bloom, \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Spiraea, J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Store plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA,**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

**TRADERSCANTIA.**

Tradescantia, Zebrina, 2-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**VEGETABLE PLANTS.**

Asparagus roots, Conover's Colossal and Palmetto, 1-in., 50c per 100; \$4 per 1,000. Mosbak Greenhouse Co., Onarga, Ill.

Tomato, strong seedlings, 10 different varieties, \$3 per 1,000. Parsley moss, curled, \$1.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Lettuce, Grand Rapids, seedlings, extra large, \$2 per 1,000. Mosbak Greenhouse Co., Onarga, Ill.

**VERBENAS.**

Verbena, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Lemon Verbena, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Verbenas, separate colors, 2½-in. \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca variegata, 4-in., \$12 per 100; 2-in., \$2 per 100; \$18 per 1,000. W. W. Coles, Kokomo, Ind.

Vinca variegata, rooted cuttings, 75c per 100. prepaid. Chas. Frost, Kenilworth, N. J.

Vinca, R. Vincent, Jr., \$2 per 100. Geo. M. Bismans, Newton, N. J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

Vinca minor, strong field-grown stock, 5c. Mosbak Greenhouse Co., Onarga, Ill.

**TO EXCHANGE.**

Wanted to Exchange—Cannas, ferns and bedding plants for Rooted Cuttings or 2½-in. Victory and three Enchantresses carnations. Mosbak Greenhouse Co., Onarga, Ill.

**BOILERS.**

Boilers, The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard, The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks self-feeding hot water boilers. S. Wilks Mfg. Co., 3543 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

**GOLD FISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO.,

920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Stiebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., Western Ave. and 26th St., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hittings & Co., 1170 Broadway, New York.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs. \$1.50; 500 lbs. \$3.50; 1,000 lbs. \$6.50; ton, \$12. Schaff Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungicide, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



ERECTED FOR THOMAS SPERRY, CRANFORD, N. J. JAMES BELL, GARDENER.

**H**ERE is a greenhouse plan and design that makes everybody sit up and take notice. It hasn't a duplicate anywhere. It is the first time, to our knowledge, that a nine sided palm house has ever been built.

Five firms were competing for the order. Each firm submitted at least two designs—some more. We submitted one—that one won. That one is this one.

**Lord & Burnham Co.,** Irvington, New York, Boston, Philadelphia, Chicago, N. Y. St. James Bldg. Tremont Bldg. Heed Bldg. The Rookery

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stouthoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Punk, \$8.50 per case of 12 paraffined boxes.

#### MATS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kennamoor, Pa.

#### MISCELLANEOUS.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

Plant bed cloth, waterproof sheeting, bay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Hotchkiss paper fastener, machine and 500 staples, \$1.50. A. Henderson & Co., 51 Wabash Ave., Chicago.

New imported florists' baskets. The Redfern Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Model extension carnation support; galvanized rose stakes. Igoo Bros., 266 N. 9th St., Brooklyn, N. Y.

Reservoir vases. The M. D. Jones Co., 71-73 Portland St., Boston, Mass.

Gummed gold, silver and purple letters. J. Leichtenberger, 1564 Ave. A., New York.

Pillsbury's Carnation Staples, 50c per 1,000, postpaid. J. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Superior carnation staple, 1,000, 50c postpaid. L. J. Waite, 293 Main St., Springfield, Mass.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

The benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Bolgiano & Son, Baltimore, Md.

Mastic for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower and design boxes, all sizes. C. C. Poliworth Co., Milwaukee, Wis.

Boiler fuels, all sizes. H. Munson, 506 N. State St., Chicago.

Cast iron reservoir vases. Washington Iron Works, Buffalo, N. Y.



## For More and Better Flowers.

The U-Bar houses have proven superior. The increased light does it. Ask any U-Bar gardener.

Along with the lightness and great productiveness goes wonderful strength, simplicity, durability, low cost of maintenance and great attractiveness.

The ideal construction for private estates, parks, public institutions and florists' showrooms.

## U-BAR GREENHOUSES

PIERSON



U-BAR CO.

DESIG' ERS AND BUILDERS

1 MADISON AVE., NEW YORK

#### POTS, PANS, ETC.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

The Red Pot. C. C. Poliworth Co. All roads connect with Milwaukee.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

Pots. J. A. Bajer Pottery Co., 415 21 Ave. 33, Los Angeles, Calif.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Pots of all kinds. L. Hudka Pottery Co., 2610 Herndon St., Chicago.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO., 131 East 26th St. NEW YORK.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 600 for \$3, \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokahama Nursery Co., Ltd., 31 Barclay St., New York.



# A. DIETSCH COMPANY

2642 Sheffield Ave.  
**CHICAGO**



## Greenhouse Material

### Hot Bed Sash

Do you wish to have a perfect gutter, lasting, not leaking, not sweating? Use our Cedar Gutter.

Brampton, Ont.

Two degrees below zero in the middle of March makes a rather bad record for this part of Canada, and with the days still dull and cloudy the prospects of a sufficiency of stock at Easter are not as glorious as growers might wish. Some very fine sweet peas are coming in and this simple flower seems to be more in demand as each season passes. What a future it has, since out of the 360 known varieties hardly more than a dozen kinds have been exploited in this country so far.

#### NOTES.

Easter lilies are a source of trouble to the growers here, and exhibit a backward tendency that is somewhat difficult to explain. The bulbs have not proved quite up to last year's standard, but although they have rooted well, the slowness of growth is already beginning to cause some anxiety.

W. E. J. Bell-Smith, wire designer, who has been with the Dale Estate during the last seven years, has succumbed to the lure of the west, and leaves for Victoria, B. C., at the end of the month, where he will probably establish a business of his own.

The Dale Estate has now between nineteen and twenty thousand orchid plants, and the Cattleya Schroederae are putting forth some of the most beautiful blooms ever seen at the greenhouses.

W. G. P.

# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

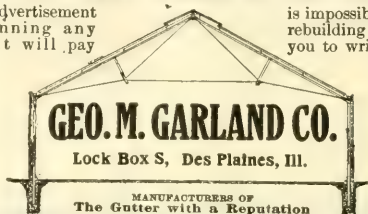
**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

## To Tell All the Good Points of Our Construction

in this advertisement  
are planning any  
tions, it will pay

is impossible. If you  
rebuilding or addi-  
you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES

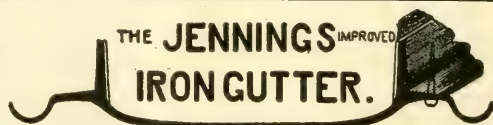


CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES

MANUFACTURERS OF  
The Gutter with a Reputation

Use our patent  
Iron Bench  
Fittings and  
Roof Supports

THE JENNINGS IMPROVED  
IRON GUTTER.



IMPROVED VAPORIZING PANS  
For Tobacco Extracts, etc. Send for Circulars.

**DILLER, CASKEY & KEEN,**  
S. W. Corner Sixth and Berk Streets, PHILADELPHIA.

VENTILATING  
APPARATUS

## WILKS' Hot Water Boilers

ARE THE MOST ECONOMICAL

Boiler for Greenhouses

No Night Fireman Required  
with our

**SELF-FEEDING HOT WATER BOILERS.**

Send for Catalog and Prices.

**S. WILKS MFG. CO.,**  
3503 Shields Ave. CHICAGO.



**EVANS' Improved  
Challenge  
Ventilating  
Apparatus**

Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind.

MINNEAPOLIS, MINN.—Earl Finney has been selected to superintend the growing of flowers on the vacant lots for the civic celebration. Hundreds of vacant lots have been secured and applications for tilling them are coming in at a rate which indicates much enthusiasm.

## ADVANCE MACHINES



Now that you are selecting a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2-inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.

Let us quote you on new and second-hand

**BOILERS, PIPE, FITTINGS, GLASS,  
Greenhouse Lumber, Tools, Sash, Etc.**

**METROPOLITAN MATERIAL CO.,**  
1394-1412 Metropolitan Ave., Brooklyn, N.Y.

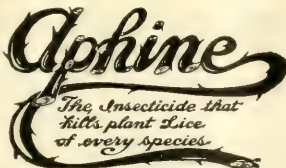
## The Trade Directory

**Florists, Seedsmen and Nurserymen  
of the United States and Canada.**

Price: \$3 00, postpaid

**American Florist Co.**

440 S. Dearborn St., CHICAGO.



Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects without the slightest injury to the tenderest flower or foliage.

An excellent cleanser for decorative stock. You can rely on it for positive results, with out fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material, particularly adapted for the greenhouse.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.

Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park departments and state colleges of the country.

Manufactured by

**Aphine Manufacturing Company**  
MADISON N. J.



## THE BEST Bug Killer and Bloom Saver

For PROOF

Write to

**P. R. PALETHORPE  
COMPANY,**

Owensboro, Ky.



**SIEBERT'S ZINC  
Never Rust  
GLAZING POINTS**

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{1}{4}$  and  $\frac{1}{2}$  40c per lb., by mail 10c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade. RAND OLFE & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Bldg., Pittsburg. Mention the American Florist when writing

**Holds Glass  
Firmly**

See the Point &  
**PEERLESS**

Glazing Points are the best. No rights or lefts. Box of 1,000 points 15 cts. postpaid.  
**HENRY A. DREKE,**  
714 Chestnut St., Philadelphia.



Mention the American Florist when writing

## Garden City Sand Co.

Chamber of Commerce Bldg., CHICAGO.

Phone: Main 4827.

**Building and Propagating Sands**

Fire Brick and Fire Clay, Portland Cement  
Stonekote, Hard Wall Plaster

**R. I. W. DAMP RESISTING PAINT**

Mention the American Florist when writing

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

Sold through Seedsmen and Dealers in Florists' and Poultry Supplies.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass.

The pump is of brass throughout, simple and powerful.

The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your Dealer about our Extension Hose, Extension Rods, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

**J. G. MASTIN CO.**

3124 W. LAKE STREET, CHICAGO, ILL.

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## Nikoteen Nikoteen Nikoteen

The most effective and economical material there is for spraying plants and blooms.

Is skillfully extracted from leaf to bacco and carefully refined; it is clean and easy to apply.

Does the work when vaporized either in pans on pipes or over a flame. Full Pint Bottles, \$1.50.

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## Nikoteen Aphid Punk

Specially prepared for fumigating closed houses. It vaporizes at the Nicotine evenly and without waste. Nothing keeps a house free from Aphid so cheaply.

Price \$6.50 per case of 12 paraffined boxes.

All Seedsmen.

## Garman's Antipest

INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless to vegetation.

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy to use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quart, half gallons and in bulk.

**PERFECTION CHEMICAL CO.,**

FLUSHING, N. Y.

Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910.

Guaranteed under insecticide act 1910.

Serial No. 91 of U. S. Agricultural Dept.

Mention the American Florist when writing

## Cattle Manure in Bags Shredded or Pulverized



Pure—dry—uniform and reliable! The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

**The Pulverized Manure Company**

32 Union Stock Yards, Chicago

Mention the American Florist when writing



**MASTICA**  
FOR Greenhouse Glazing

USE IT NOW.

**F. O. PIERCE CO.**

12 W. BROADWAY  
NEW YORK

MASTICA is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass, as occurs with putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing



## Building Materials and Supplies

Marvelous bargains in Greenhouse Sash and Building Material of all kinds. Corrugated Roofing and Siding, Structural Iron, Gutters, Eave Spouts, Hydrants and Valves, 10,000 feet Rubber Hose, Soil Pipe, Plumbing Material of all kinds, Boilers, Feed Pumps, Flower Pots, etc. Thousands of other articles of interest to Florists or Greenhousemen.

We Can Save You from 30 to 75%.

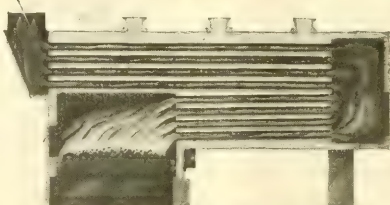
300,000 feet of Standard Pipe, all sizes, will be cut to any length.

Send for our Special Roofing Book No. 47.

**CHICAGO HOUSE WRECKING CO.**  
35th and Iron Sts., CHICAGO

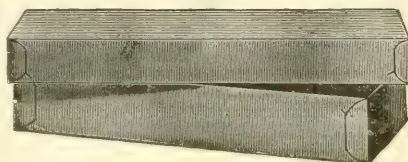
# "SUPERIOR"

To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**  
840-850 W. Superior St., CHICAGO, ILL.



**CUT FLOWER  
AND  
Design Boxes**

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
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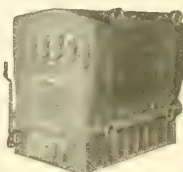
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NOTES.

At the last meeting of the Florists' Club, the flower show to be held in the fall, was discussed. Some of the party who made the trip to Boston entertained those present with good speeches of what they saw and about the stock seen at eastern greenhouses, and reported a good sociable time. Watch for the date of the next meeting, which every retailer and grower should attend.

Miss Nettie Heiderman, of the Cleveland Florists' Exchange, is at the St.

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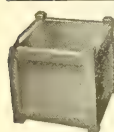
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Vol. XXXVI.

CHICAGO AND NEW YORK, APRIL 22, 1911.

No. 1194

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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## Our Supplements.

Subscribers should see that they get copies of  
the fine supplementary illustrations showing  
high grade design and decorative work. These  
fine supplements should be carefully pre-  
served, as they mean much to the retail florists  
in dealing with their customers, illustrating  
as they do the various kinds of work that the  
everyday florist is called upon to perform.

The papers in which the supplements appear  
should be likewise preserved, as they contain  
much valuable data with regard to these special  
illustrations. Subscribers should see that they  
get every issue as otherwise they may miss  
some of this high grade work.

## SUGGESTIONS FOR PLANT GROWERS.

### Peonies.

The herbaceous garden will need at-  
tention as soon as the frost comes out  
of the ground and as the peonies start  
very early they should be taken care of  
as soon as possible. While the best  
time to divide and transplant peonies  
is in the autumn yet, if it was neglect-  
ed, or it is necessary to remove them  
in the spring, it can be done but must  
be finished as early as possible and be-  
fore the growths appear above the  
ground. These young shoots are very  
soft and brittle and easily broken and  
if above the surface will not stand  
transplanting. If the plants were pro-  
tected during the winter or the old  
leaves allowed to remain, all the litter  
should be removed and the ground  
forked or spaded, preferably the former,  
in order to loosen it up, care being  
taken not to break the growing eyes or  
the roots when spading closely to the  
plant. In case the plants were pro-  
vided with a mulch of manure last fall  
this may be spaded in and if not a  
generous coating of rotted manure  
should be spread before the spading is  
begun. Keep the ground free from  
weeds by constant cultivation until the  
foliage grows large enough to shade the  
ground, when they will need but little  
attention for the shade is so heavy  
that weeds cannot grow. To have fine  
specimen flowers the plants should be  
disbudded as soon as the buds spread  
away from the terminal flower.

### Uses for Cold Frames.

A set of cold frames is a valuable  
and necessary adjunct to a range of  
greenhouses, especially in the spring  
when the houses begin to take on such  
high temperatures during the middle  
of the day. Much of the stock is better  
outside, where it can be covered dur-  
ing severe weather and nights, than  
in the houses. Nearly all of the bed-  
ding stock, except that which requires  
a very warm temperature such as  
coleus, can be now moved into the cold  
frames and if water pipes are arranged  
can be much more easily cared for  
than in the warmer house, and will  
make a much stockier growth and be  
in far better shape for early planting.  
Geraniums will be greatly improved  
by being grown in frames, and they

can be hardened off so that they can  
be planted out early without any fear  
of loss. And besides, if in frames, they  
can be given bright sunlight, which  
they so badly need to have them in  
flower at the bedding season. In fact,  
nearly all the young stock will make a  
more satisfactory growth in frames  
than in the greenhouses at this sea-  
son of the year. After the stock that  
is grown for outdoor culture is re-  
moved the frames make a suitable  
place in which to grow cyclamens,  
primulas, bouvardias, begonias and all  
the winter blooming plants that do not  
like warm growing quarters, and for  
summer propagation a mild hotbed is  
very easily made which will insure suc-  
cess in this undertaking. The grower  
of miscellaneous stock cannot well get  
along without a number of cold frames.

### Hybrid Perpetual Roses.

The roses planted outside will now  
have to be looked after, and if they  
have been covered with soil or litter  
during the winter should have the cov-  
ering removed and prepared for prun-  
ing. If an effect of large masses is de-  
sired, four or five large canes may be  
left about three feet high. This will  
give a quantity of short-stemmed  
flowers, making a fine show but not of  
much use as cut flowers. If, however,  
quality is wanted, the canes should be  
cut back to six or eight inches, leaving  
two or three strong eyes, always cut-  
ting just above an outside bud. All  
the small wood should in either case be  
cut away. After the litter has been  
removed, the soil should be forked over  
and levelled off. This forking should  
not be done too deeply unless the  
ground has become packed down very  
hard, for there is danger in breaking  
the small roots. If the plants are on  
budded stock, all growths that come  
from the old stock should be removed.  
To do this dig the soil away from the  
plant carefully, until the shoot is un-  
covered where it branches from the  
stock and it should then be cut or  
broken out as close to the stem as pos-  
sible. If there was no manure mulch  
placed on the bushes last autumn when  
they were prepared for winter, a good  
generous supply should be worked in  
when the bed is forked over. Roses ex-  
haust the soil very rapidly and should



have a generous top-dressing of manure every fall. A sprinkling of wood ashes after the spring cultivation will restore the potash to the soil and materially increase the vigor of the wood and flowers. In case a new bed is to be planted the ground should be forked or spaded very deep and a generous supply of manure worked in, and if budded stock is to be planted, set the bushes firmly with the bud from two to six inches under the ground.

#### Poinsettias.

The stock plants of poinsettias, if they have been under a bench all winter, should now be taken out and potted in a good compost and be given a good light location in a warm house. The poinsettia is a native of Mexico and Central America and throughout its growing season should have an abundance of heat. If there is a place of bench that can be spared upon which there is good soil, the plants can be planted in it quite closely together while being grown for the purpose of obtaining the cuttings. The plants should be pruned back to the live wood, cutting off all the dead ends, and if the cut is made too low and the stem begins to bleed, a little dry soil or sand placed on the cut will quickly stop the flow of sap. The cuttings should be taken as soon as they are two inches long and preferably with a heel, and inserted in the propagating bench where there is good bottom heat. The top eyes will start first and as they are taken off the one below them will break out and a succession of cuttings may be obtained until August, when the propagating of the low plants for pans should be done. These plants propagate very readily under favorable conditions, but unless proper care is taken and the right method practiced, the percentage of loss is very great. They must not be over-watered at any time, and will root easily if placed in bottom heat. It is better during the summer, when there are no fires in the greenhouses, to prepare hotbeds with a gentle heat, covering them with shaded sash, for they cannot be rooted successfully in the propagating bed of the greenhouses after the firing has ceased, the loss from cold in these damp quarters sometimes being very large. The plants that are rooted during April will make fine tall plants with large heads, and with proper treatment beautiful specimens with large leaves clear to the pot.

#### Bouvardias.

The young plants should be planted in the open ground as early as possible. If the soil outside is light and friable it will be well adapted to the growth of these plants, but if the conditions are not such it is far preferable to make up a frame adding leaf mold and sand to the soil to make it light enough for their culture. The young stock should not be allowed to get hard but if it is found necessary should be shifted into larger pots. Keep the shoots well pinched back, so as to produce a short bushy plant for lifting in the fall. They grow very rapidly and when well taken care of make plenty of soft shoots. The plants are much better in a cool temperature for at no time after they are rooted do they require much heat, even at the time of blooming, when they do much better in a cool location. They are subject to attacks of green aphid and mealy bug and sometimes when in dry locations to red spider. They should be sprayed with an insecticide to keep down the first

two and if attacked by red spider frequently syringed and keep the atmosphere and quarters damp.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Table Decorations.

SEE SUPPLEMENT WITH THIS ISSUE.

The season of social functions and entertainments is now at its height, and the florist will have demands for the decorating of these festive occasions, which gives him the greatest opportunity to not only display all the artistic ability which he possesses, but also to attract the attention of a large number of the flower buyers of his city to the manner in which he is able to execute his work. There are sure to be parties attending these occasions who are not customers of his, and an artistic dinner table decoration will elicit inquiries as to the workman, and he is thus enabled to practically put up an advertisement for himself that will redound to his benefit. The baskets of roses or other flowers, or the tall vases of cut flowers, with the cloth suitably arranged, with the conventional corsages and boutonnières are, of course, always in demand, but the best trade is always on the lookout for some novel effects, and as a rule, are willing to pay the price for something striking that is entirely different than has been before seen. It is therefore necessary that the progressive retailer should be continually on the watch for new ideas, and also endeavor to originate something for his customer, that will not only please her, but also add to his reputation. Care should be taken not to approach the ridiculous, however, and also that everything should be in keeping with the surroundings. The room in which the table is to stand, and the decorations that are in place are to be considered, as well as the personality of the hostess and guests. A table decoration that would be fitting in the house of one customer, would be entirely out of place in the residence of another; the surroundings are entirely different,

There is no limit to the variety of flowers that can be used, for the subject can be treated in so many different ways that everything that is produced by the growers can be employed at some one of the functions, the only thing to be kept in mind is that the flowers selected should be in harmony with the surroundings and the occasion. Roses are, of course, the flowers most popular, and the most often used, carnations are generally second choice, for expensive and select decorations orchids and lily of the valley, with gardenias for boutonnières are the choicest products. But beautiful decorations can be made of the bulbous flowers, sweet peas, marguerites and other cheaper flowers when they particularly fit the occasions. If the party is to be seated, care should be taken that the arrangement does not obstruct the view across the table, being made high enough that the guests may look under, or low enough to look over, and converse with the person across the table. If the parties are not to be seated, no notice will be required of this, and the decorator will have full scope to carry out his ideas without limitations. The beautiful illustration, which is published as a supplement with this issue, is an arrangement of orchids and adiantum in a series of vases, fastened to a rod, which is concealed with ferns, and is a striking example of the beautiful effect which can be produced by thought and artistic ability. The height is about three feet, the width about twelve inches, the two smaller side pieces were eighteen inches in height and nine inches in width. This vase was used for a buffet luncheon, to be seen from only the front. We commend, for such purposes, this style of decoration, as it is attractive and if executed in a clever manner is very appropriate.

### New York Flower Shops at Easter.

Easter was somewhat late this year, and, as all our holidays have now become regular plant festivals it is generally conceded by plant producers



TABLE DECORATION BY A. LANGE, CHICAGO.

Center Plant, Begonia Glorie de Lorraine; Corsage Bouquets, Violets; Boutonnieres, Gardenias.

the corsages at one should be large and heavy, and at the other small and of a much lighter and select flower. The decorations for a young debutante should not be the same as for a reception of older mesdames. These are matters that should all be considered, and the successful decorator will always have them in his mind when carrying out the best ideas.

that an early Easter is far better than a late one, because stock can then be had in better shape for delivery, the few warm days that usually overtake us in April easily upsets the best calculations in the timing of flowering plants; however, there was plenty of stock for everybody. Storekeepers who realized the possible expense of flowering plants by the middle of April were

quite chary about making their displays early in the week, in fact, it was not until Thursday and Friday preceding Easter Sunday that some of the larger stores would receive some of their stock from the growers; rather hard on the latter perhaps, but it insured the storeman of having plants for Easter delivery that were not past their prime.

One grand feature about the Easter displays was the absence of spectacular effects usually produced by artificial stock and farm yard accessories. There is, nowadays, such an abundance of good plants available that retail merchants can afford to rely upon them exclusively almost for window attraction. We might also add that the using of elaborate accessories is becoming more and more obsolete each year. With such a similarity of material used it is mere waste of good space to tell what each retailer used for his Easter window effects. Every store was beautifully adorned with flowering plants and this applies to all quarters and sections of the city. The little east side stores had their windows tastefully arranged with plants suitable in value to the needs of their particular class of customers, just as much so as had the large Fifth avenue stores that cater only to the wealthy.

The lily still retains its hold as an Easter favorite, in spite of the many other kinds of plants that claim some attention. Mixed arrangements were not used so much, but for big effects, the grouping of seven or eight plants into a high handle basket with a spray of asparagus or fern entwined around the handle, was one of the popular ways of handling the lilies, and they were among the best sellers when so treated.

The specimen Rambler roses were so fine that a gilt or green wicker pot cover was almost the only embellishment the retailers added. The varieties Dorothy Perkins and Tausendschon were most in evidence, the old Crimson Rambler rarely being seen in large sizes. Among the hybrid perpetual roses, Frau Karl Druschki and Ulrich Brunner seemed to be about the only varieties grown, and these were only seen in limited numbers, and they were sold chiefly as individuals with some simple cover to hide the pot. Many splendid rhododendrons were used, and with these in addition to enclosing the pot in some suitable receptacle, bows of chiffon of a harmonious color, were introduced here and there among the flower trusses. Large sized azaleas were also treated similarly, in fact, the stores that went in for massive specimens had to rely chiefly upon the lilies, treated as mentioned, the roses, rhododendrons and larger sized azaleas. That one-time favorite, metrosideros, more often called bottle brush, were more in evidence than has been the rule for several years and when well grown specimens are available, as was the case this year, they are very acceptable and are among the best sellers.

Yellow was a favorite color in many stores, acacias, genistas and Erica Cavendishii were all used plentifully, and naturally made very showy effects. With the ericas, a little yellow ribbon was seen occasionally, though it is questionable whether this color really needs the emphasis that ribbon usually

gives. Bougainvilleas were quite a feature, not so many of the large specimens, but plenty of small and medium size. They were often used in combination baskets and hampers. Hydrangeas, both blue and white, were fine and used very freely, both as individuals and in combination for boxes and baskets. Pans of hyacinths and lily of the valley were used extensively, but of other bulbous stock very little was seen. Lilies were not so much in evidence, neither were the flowering cerasus and prunus, the lateness of Easter, no doubt, having much to do

### Easter at Chicago.

Easter, the great flower day of the year, was the occasion of the retailers of the city having the finest of stock and making the most beautiful displays, there being a great wealth of magnificent plants at all the stores. While there was a large quantity of cut flowers, magnificent roses, large vases of lilies and callas, quantities of beautiful carnations, bunches of splendid antirrhinums and a full supply of sweet peas, violets, orchids and other flowers, yet these were entirely overshadowed by the beautiful plants to be



TABLE DECORATION BY THE ERNST WIENHOEBER CO., CHICAGO.

with this. Of small stock there was almost everything imaginable. Candytuft, phlox subulata, hyacinths, cinerarias, Primula obconica, spiraeas, geraniums, marigolds, etc., stock of all grades so plentiful that no store, no matter how small or how large went without an elaborate display of flowering plants.

It is in the tastefully arranged baskets of mixed plants that the retailers' work stands out the best, perhaps, and many fine examples of such work can always be seen at any of our leading stores. In some of this made-up work, a white, light wooden crate with trellis at the back was used and proved very attractive. Upon the trellis was tied the shoots of a small rambler rose, the body of the crate being filled with an assortment of dwarf plants. This crate was one of the novelties and Mr. Hunter of J. W. Small & Sons, assured us that twenty years ago he introduced the self-same crate for plant arrangements and it proved a flat failure. The New York Sun, April 15, said, "the city seems like one huge florists' shop." Certainly there was never before such a gigantic flower show, and all the stores were marvels of beauty.

NEW YORK.—Joseph G. Leikens has leased the property at 20 West Fifty-seventh street for 10 years at an aggregate rental of \$250,000.

seen on every hand. Lilies were in great quantity and some very finely grown stock was to be found everywhere. The Rambler roses were a great feature, and were to be seen in different forms and all the varieties. All the shades of red, pink and white and beautifully grown specimens fan shaped and arched as well as fantastic forms in umbrella shapes and trained to look like ships were displayed in the windows and stores. The leading varieties of these beautiful roses were noted. Crimson and Baby Rambler, Tausendschon (the thousand beauties), Dorothy Perkins, Lady Gay, Hiawatha, and Newport Fairy. This array of bright colored roses added greatly to the beautiful display of flowering plants. Beautifully arranged plant baskets were to be found at all the prominent stores and some very costly combinations were seen. No attempt at artificiality was seen, the only decorative features that were used to adorn the plants were harmonious colored bows of chiffon and the covering of the pots, and in the majority of cases the pot covers were the crepe papers fluted and wrapped around the pot, tied with a small bow of ribbon.

Hydrangeas were in fine condition and splendidly grown plants bearing large heads of beautiful, color made a great display. Magnificent specimens of rhododendrons in red, white, pink and lavender were to be seen and were



greatly admired, for the plants were loaded with blooms and in excellent shape. Azaleas made a great addition to the gorgeous color scheme and some extra large plants of Mme. Van der Cruyssen were very conspicuous, completing the beautiful picture with their mass of color. Hyacinths, tulips and narcissi were in great quantity, adding to the brilliancy and with the genistas adding the yellow to complete the colors of the spectrum. Lily of the valley was done in splendid shape and large pans of this flower were a prominent feature in many of the stores.

Fleischman's store was transformed into a plant house, a staging was erected on both sides of the store and tier over tier of splendid specimens of the different plants were arranged. The Rambler roses were superb and their arrangement and decorations with harmonious chiffon were especially attractive. Large rhododendrons in full bloom and handsome azaleas added a wealth of color. Elegant hydrangeas, spiraeas and splendid pots of lily of the valley were also seen, and plant baskets of different assortments were very attractive features. A novelty seen here were Easter hat hampers, boxes made in the form of hats the top of which lifted like a cover and were filled with choice flowers. At John Mangel's there was a splendid assortment of plants and flowers, especially fine hydrangeas and azaleas, as well as Rambler roses, and the windows were attractively arranged with a fine assortment of plants and flowers. A large cross of lilies in one window was nicely arranged and was greatly admired by the passers by.

H. C. Rowe's enlarged store was filled with nicely grown stock. The window was beautifully arranged. In the center was a miniature automobile, with a dolly lady driver, loaded with blooming plants and flowers ready for delivery. Behind this was a magnificent Dorothy Perkins trained like a ship and well bloomed. Every inch of the store was occupied by beautifully grown plants, rhododendrons in many colors, azaleas, spiraeas pink and white, lilies, bougainvilleas and lily of the valley, beside some fine specimens of ferns and decorative plants. At Lange's there was a fine display of plants and a great assortment of cut flowers. Roses were to be seen in quantity and every kind of flower in the market up to the best quality were on hand. Bohanon's store was full of superb stock, some especially fine plants of rhododendrons and Rambler roses being seen. The Rambler roses grown in round arched form, in the center of which was a cage containing a canary, were a novel attraction. Friedman's two stores were full of splendid plants of azaleas, hydrangeas and roses.

On the south side the stores revealed the downtown stores. C. A. Samuelson had a beautiful line and one of the prettiest windows in the city. This was arranged in garden form with two pillars making a gateway in the background and in the front were beautifully grown plants of roses, rhododendrons, azaleas and bulbous plants with some extra well grown lilies completing a beautiful show in the window. The store was filled with fine specimen plants and the white china dishes holding nice plants of *Erica cypripedium* were striking features. W. J. Smyth had as

usual a fine collection of plants of all the leading varieties and the plant baskets were very attractively put together. The hydrangeas at Muir's were simply grand and the window banked with the magnificent plants was a sight worth looking at. Plant baskets well put up and some extra fine lilies were features in this well-appointed store. Andrew McAdam was well supplied with splendid stock. The lilies were of good quality and the pans of bulb stock were exceptionally fine.

On the west side Hughes had one of his usually characteristic windows which have become noted. A tall white cross twined with chiffon and banked with lilies was a very striking feature and beyond a garden of lilies and spring plants in front of a house scene with portico adorned with flowers and plants was a beautiful scene. At Schiller's there was a grand display of splendidly grown lilies; a pyramid of these plants at the left of the door was an especially beautiful sight. This contained hundreds of plants that extended clear to the ceiling. The greenhouse was also full of well grown stock and extra fine spiraeas and pans of tulips, hyacinths and narcissus were displayed, as well as a quantity of nicely grown ferns.

On the north side at the Ernst Weinhoeber Co.'s there was a beautiful display of nicely grown plants and a great assortment of flowers of the highest quality. The rhododendrons were especially fine and some very well bloomed dwarf apple trees were a pleasing novelty. In the cut flowers the pink antirrhinum and the Spanish iris were a great addition to the beautiful roses and other flowers. Canger & Gormley on North State street had a very fine line of blooming plants and their store was filled with beautiful azaleas, rhododendrons and hydrangeas. Some very well put up combinations of plants, some of which were very elaborate, were a handsome feature.

The weather during the days preceding Easter was exceptionally fine as was the day itself, and the business done was very satisfactory, nearly every store being cleaned out of the fine stock on Sunday morning. The boys and teams and automobiles were delivering all the day after a long hard night's work by the store hands, getting the plants and flowers in shape for transit.

## THE PERENNIALS.

### Early Spring Work.

With the many who have sown seeds of hardy plants early in the year, it is the time of transplanting either in flats or in frames for the further care of same until sufficiently large enough to risk outdoors. At this particular time a word as to "hardiness" will be in season, for there is no other more ambiguous term in the vocabulary of the horticulturist. To speak first of such as seedlings raised under glass of ironclad kinds when established outside, we must remember that at this risky time of year they are no more fitted to stand frost than a common geranium. This is all due to their indoor treatment and easily explained, but many seem to think that because of inherent hardy qualifications, tender young seedlings are able to stand hard treatment as soon as they are large enough. They need, and should have, as good a chance as seedlings of plants of known inability to stand frost in late spring. The protection of sash will be necessary for weeks to come in the case of seedlings, even after pansies are in full bloom, for these have been wintered in cold frames and are in the nature of things injured to cold.

The line of hardiness between north and south is pretty well understood, it having been exploited by individuals by repeated trials of all things that grow outside, but as between east and west there is not, and will not be any certainty, because of the unequal distribution of snowfall each winter. If we could be sure of a good blanket of this best of all covering, the matter of wintering many things would be simplified, when we protect borders in fall with straw manure it is not to keep out frost; this will penetrate anyhow, but to avoid the freezing and thawing which is the hardest of all on plants of herbaceous nature, and especially those that have no underground root-buds. It is never safe to uncover borders until the earth has dried up nicely in the vicinity, and even then it is best to do it partially at first. The past winter has been very peculiar in the "Middle West." We could dig shrubs or trees any day we wished, and



SHIPPING VIOLETS AT EASTER, RHINEBECK, N. Y.

we moved a lot. The temperature has not been down to zero at any time, and the soil was so dry last fall it could not have frozen deep, but it is hard on many things because of the lack of snow.

Plants that were wintered in cold frames came out well, and are being set out as fast as possible before they make too much growth. Hollyhocks are an example of so-called hardy plant that needs protection the first winter, and after flowering it is usually

thrive even in very sandy soil, make a good green covering where grass will not grow, and in early spring make the prettiest mantle of color, usually about Memorial Day. I have in mind an old cemetery where this phlox has escaped bounds, and now covers the whole area with a pretty pink tint through the fresh green grass each year. Those who put it there may be resting under it today.

The tritomas wintered inside must now be taken out and planted. They

## THE GLADIOLUS.

N. B.—The price of the new book, "The Gladiolus," by M. Crawford and Dr. W. Van Fleet, is \$1.25, postpaid.

### Gladiolus Bulb Disease.

It is well known to dealers and florists who keep these bulbs over winter in storage that there are frequently scabby looking spots, which appear on the sides or bottoms of the bulbs, and which continue to enlarge and often involve one-third or more of the bulb and practically destroy it.

We have tried a solution of one part of formaldehyde to five parts of water on such diseased bulbs, using it in two different ways. First, the diseased parts and spots were brushed with a solution; second, the whole bulb was soaked in it for about two minutes. Twelve bulbs of each lot were tried and were planted in the greenhouse with a result, so far, rather more favorable to those dipped than to the others.

The effect on the disease by the use of the solution shows immediately; the spots on the bulbs which are beginning their growth are soft so they may easily be scraped off; they become hardened and the growth of the same is checked. The soaking of the bulbs is recommended as the quickest and surest treatment. It may be well to use this treatment as a preventive, soaking the bulbs at planting time in the spring.

COLLECTOR.

### Gladiolus Scab.

ED. AMERICAN FLORIST:

Under separate cover I am sending you a diseased gladiolus bulb. Any information you can give me as to the nature of the disease, prevention, and remedy will be thankfully received.

GROWER.

This form of scab or dry rot is apparently caused by a fungus, *Myriococcus fusan*, that infects most varieties of gladiolus and allied bulbs, such as *Watsonias*, *antholyzas*, *ixias* and *freesias*, where they are grown in soil too rich and moist. The best practical method of controlling it is to plant in fresh and not over rich soil, using

DISEASED GLADIOLUS BULBS.

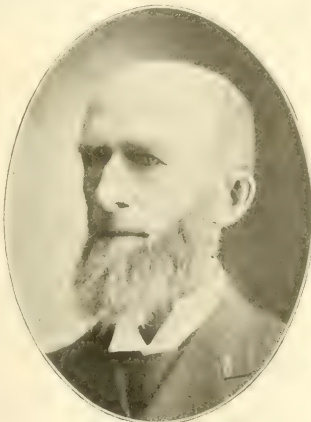
best to save seed if the strain is good. Sow as soon as ripe in frames, these to flower the following year. Hollyhocks come reasonably true from seed, and a good strain for double ones is worth perpetuating. There are now others that if sown early will bloom from seed the same year. The colors, however, do not yet include as much variety as could be desired, and the plants behave much as an annual.

At this season it is possible to increase many plants by division, waiting, however, until signs of growth are seen, the better to divide the roots intelligently. All the *lychnis*, *campanulas*, *hemerocallis*, *funkias*, hybrid *delphiniums* and hardy pinks may be increased in this way with safety and profit, likewise the perennial sunflowers and asters. It does not take long for the novice to see what is capable of division by the habit of growth. *Anemone Japonica* which is so fine some seasons in the autumn, can be best increased by root cuttings, but it is too late at this time to attempt it now. In localities where there is danger of early frost in the fall, it is wise to plant where a measure of protection may be afforded. It is one of the best of all late blooming plants, and pays well to grow in pots or frames, or may be lifted at the approach of flowering time to bloom under cover. The varieties of it now are numerous; white and pink, single and double, and all are good, but it is one of the hardest things to do really well of the plants that are considered hardy, but in sheltered situations, rich soil, with plenty of moisture, we can get fine returns at a time when white flowers are scarce and valuable.

The various forms of *Phlox subulata* are invaluable for cemetery work and should be added to any collection of hardy plants. The white forms and those that vary through the shades of lavender and pink are all good,

are not regarded as hardy as a rule. The moisture in the center of the plants will rot them when the cold is not to be feared. When planting them outside, give plenty of manure as they are great feeders and a good crop of bloom will result. When this is done, the lifting process is a benefit rather than otherwise. We used to hear of and see many varieties of tritoma, but today it is either *T. Pfitzeri* or *T. corallina*. By the process of elimination the others have fallen by the wayside. The originals under both the above names were certainly very fine plants, but did not come true from seed. *T. corallina* was the best ever sent out, but it is doubtful if it is in cultivation now as named originally.

E. O. ORPET.



M. Crawford.



Dr. W. Van Fleet.

Authors of New Book, "The Gladiolus" Recently Issued.



chemical potato fertilizer rather than stable manure. Like the potato and beet scabs, it is worse on rich alkaline soils. Ordinary corn ground with a dressing of potato fertilizer containing a good percentage of acid phosphate will be suitable.

The diseased bulbs may be treated before planting by soaking them 12 minutes in a solution of copper sulphate, 1 oz. to 10 gallons warm water; bichloride of mercury,  $\frac{3}{4}$  oz. to 10 gallons water; or commercial formalin, 4 oz. to 15 gallons water. Either solution is quite effective. The husks or skins should be removed from the bulbs before treatment, and they should be planted as soon as fairly well dried off. The scabs do not usually prevent the corms from growing unless they are so numerous as to destroy the rooting surface.

In the case of rare varieties the scabs may be cut out, going well into the sound flesh, treated with one of the above antiseptic solutions and rolled in powdered sulphur before planting.

As a rule never plant gladioli bulbs successive years on the same soil.

W. VAN FLEET.

### The French Immortelle Industry.

No industrial plants, save the perfume plants of the Mediterranean departments, grown on French soil equal in importance the immortelles, or everlasting, of the family of Synanthérées, known to the French botanists as *Gnaphalium orientale*.

The shippers of Ollioules and Bandol, two small towns in the vicinity of Toulon, in the Department of the Var, the centers of the growth and traffic in these flowers, state that their trade with the countries of central Europe has fallen off of late, but that it is constantly increasing with "the Americas," states Consul General Francis M. Mansfield, Toulon, in the Consular Trade Reports. There are still some shipments made to England and Germany, and smaller quantities to St. Petersburg and Vienna. Italy being content with an inferior product coming from the Levant, and to a smaller extent from Sicily, draws very little, if any, stock from the growers of this vicinity.

The trade in immortelles with the United States, as shown by the certified invoices of this consular agency, is chiefly with dealers in New York, Philadelphia, and Chicago, who are practically the only American distributors of these dried flowers, in bunches or made up into wreaths, etc. These flowers are in great demand by florists for the manufacture of funeral wreaths, crosses, etc., and for lodge work and other memorials of a like nature in the United States. The demand is, however, chiefly for use in funeral souvenirs, and the Latin population in the United States accounts largely for the increased demand. The exports to South American countries also reach large proportions. For two years past there has been a remarkable increase in the export of immortelles to the United States from the region around Toulon. The value of these exports as per the invoices certified at the Toulon consular agency alone was \$25,188, \$31,245 and \$38,750, in 1908, 1909 and 1910, respectively.

The immortelle is said to be known in California and Mexico; perhaps it

is to be found elsewhere in the southwestern states, in which case it may be possible to extend whatever local sale the plant may have in competing with the foreign-grown product, the trade in which is so largely increasing. Hereabouts another similar flower has been recently tried out, known as the immortelle du cap. The bloom is more luxuriant than that of the oriental variety and is thought to possess the same everlasting qualities and, in addition, presents itself in a variety of pale tints. It is further distinguished by single and double blossoms, the single being only found in the yellowish white tint; that these varieties are said to be less durable, meaning, perhaps, that they are less suitable to the rough handling of shipping; hence the original product of Ollioules still dominates the market.

Dried immortelles in bunches pay a duty of 25 per cent in entering the United States; and wreaths of ornamental flowers are taxed 60 per cent ad valorem.

It is definitely known that one of the largest concerns engaged in the shipping of flowering bulbs from Ollioules is about to enter into the business of exporting immortelles to the United States, to meet an existing demand which their American representative has made arrangements to handle. In this regard it is fair to assume that there is a growing American market to be supplied, either by home or foreign producers.

### CULTIVATION.

In 60 years the area of cultivation has grown from 30 acres to an extent variously estimated at 3,000 to 5,000 acres. Some 60,000 plants (pieds) grow in a hectare (2.421 acres), from which the net returns are estimated at about \$290 per hectare, say about \$120 per acre.

The warm, sheltered hills bordering on the Mediterranean are seemingly exactly suited to the growth of this curious plant, which was first transplanted here from shoots brought from Malta, Sicily, or the Grecian Archipelago, where it was known to travelers early in the nineteenth century. It is a question of soil, temperature, dryness of atmosphere, and freedom from frost that produce the results here that are thought not to be equalled elsewhere. The growing of immortelles hereabouts is in most cases an industry quite apart from their marketing. Cultivation is by the aid of the most primitive of hand tools, chiefly by the hoe, a short-handled, broad-tined, curved fork, used merely to loosen up the soil between the rows of plants, which, before blossoming, resemble cabbage heads, or touffes, as they are called. The sloping, terraced hillsides are not possible of cultivation by mechanically propelled or horse-drawn machines, hence slow hand labor considerably adds to the cost of cultivation, although the wages paid are very little. The plantations are chiefly small properties of from 500 ares (1.2 acres) to 5 hectares (12.355 acres). Originally the culture was confined to the immediate environs of Ollioules but, with the increased demand, the commune of Bandol, which possesses the same characteristics of soil and climate, took up the culture.

Sowing from seed or transplanting the shoots from growing plants are

the methods used for extending the planted area and only in the second year are marketable blooms produced, those appearing the first year being clipped and destroyed. If female labor is employed, as is frequently the case, it is paid from 20 to 24 cents, while the men receive from 58 to 77 cents per day. The boutons or blossoms of the first year, growing from the touffes, which average perhaps a half a yard in diameter, are suppressed that a more luxuriant blossoming may follow in the second year, when, barring abnormal climatic conditions, an excess of humidity, or severe frosts, the plant has a productive life of 10 or 12 years.

### PREPARING THE FLOWERS.

Preparing immortelles for market is simple but painstaking work. The blooms, of a golden yellow, 12 or 20 blossoms to a stalk, and 50 stalks to a touffe, are picked in June or July, just before they are full blown, the stems being cut some 12 or 15 inches before the blossom. On a basis of 60,000 plants to the hectare, the average return is in the neighborhood of, say, 20,000,000 blossoms to the acre, 80 per cent of which will be available for sale after the process of gathering and drying is completed. The crop is gathered into rough bunches or sheaves, called *bottes*, and allowed to dry naturally for 24 hours on the ground or on cloths or racks spread on the ground, when the bunches are removed to the covered drying lofts. During the two summer months one picking follows another as long as serviceable blossoms open out. Over-blown blooms, whose petals have a tendency to drop from the stalks after drying, seldom reach the market from Ollioules, the growers and shippers alike taking great pains that the product offered is only of the best.

The dyeing and bleaching (the white variety of commerce is but the natural yellow bleached) is a simple process, consisting of dipping the bunches of blossoms to be dyed into vats of hot dye the only precaution taken being to assure the use of permanent colors. These are of the most pronounced shades, as is demanded by the trade. There seems to be little or no demand for pale or subdued tints, the blues, yellows, reds, and greens being often of the most astonishing brilliancy.

The drying lofts and dyeing vats are usually the property of the shipper or negotiant, not the grower, and are invariably primitive installations, probably as efficient as a more elaborately fitted plant, save that if the industry were of greater proportions it might pay some of the larger operators to install some species of modern artificial drying appliance. Owing to the existing conditions, however, no satisfactory volume of trade could be expected to result from any such overtures made by manufacturers of heating or drying plants.

### BUNCHING, PACKING AND SHIPPING.

The shipper or negotiant buys direct of the grower, sometimes employing the services of an agent, who is paid 20 cents per case of 55 pounds for his services. The labor of preparing immortelles for market, the remaking of the roughly bunched flowers into regular bunches of 250 grams, the sorting out of the various colors, the weeding out of damaged or faded blooms, and making into wreaths is performed en-

tirely by women and girls at a wage ranging from 20 to 30 cents per day. The original bunches are made into bouquets of a uniform weight of 250 grams (.817 ounces), for which 20 cents per hundred bunches is paid, 150 bunches being a day's work for the most competent.

The product is shipped in bulky light-weight cases, containing usually four layers of 25 bunches, with paper between the layers to prevent rubbing and consequent damage, 100 bunches to the case. The gross shipping weight per case is 45 kilos (99 pounds). Cases are generally invoiced at 60 cents each. The year's output from Ollioules and Bando at the present time approximately 25,000 cases, representing an actual crop of 750,000 kilos net (1,653,450 pounds). In 1885 the price for immortelles averaged 1 franc per kilo (\$0.193 per 2.2 pounds). The price now varies from 35 to 37 francs per 100 bunches of 250 grams each (\$6.75 to \$7.14 per 25 kilos, or 27 to 28.6 cents per 2.2 pounds) for the natural color, to from 40 to 45 francs (\$7.72 to \$8.69, or 31 to 35 cents per 2.2 pounds) for the artificially colored varieties. Wreaths are sold in 15 numbered sizes, ranging from a few inches in diameter to half a yard or more, at five to 50 francs (\$0.965 to \$9.65) per dozen, to which is added the cost of packing and transportation.

#### Easter Business.

The business at Easter was much in excess of that of the preceding years is the report from nearly all sections of the country, the increase varying from five per cent to double the amount done the year previous, and in but few cases is it stated that the trade was not in advance of 1910. The weather was, as a rule, unusually fine, which was not only of material assistance in handling the stock, but also allowed the buyers opportunities to visit the stores and greenhouses and make their selections. Plants were as usual a prominent feature and in the majority of cities the demand for blooming plants increases every year. Lilies were in good supply and sold well, and the Rambler roses were good sellers. The demand for bulbous stock varied greatly, in some places the sales were good, while in others there was a falling off. This may, however, have been owing more or less to the quality of the stock, for it is sometimes difficult to have the bulbous flowers in good condition so late in the season. There was a large sale of cut flowers of all kinds, no doubt owing considerably to the prices at which they could be obtained, for the supply was so ample in all the large cities that the prices were not advanced to any extent. Some complaints are heard of pickled stock. It seems as if some growers were determined to injure the business for an opportunity to grasp a few extra cents. With the amount of stock coming into bloom this year there was no occasion to hold the flowers back and it is getting high time that the dealers should refuse to accept stock that plainly shows that its best days are gone by.

LONDON, ONT.-J. Gammage & Sons write that the total sales were between 15 and 20 per cent greater than last year, the wholesale demand gaining the percentage. There was a slight falling off in the retail, which was in all probability due to the unfavorable

weather, Thursday and Friday being rainy days and Saturday afternoon turning cold with snow made shopping disagreeable, therefore there was not as much transient trade as we were having when the weather was fine. Prices averaged about the same as last year. The supply was in most cases equal to the demand, with the exception of lilies, azaleas and violets. Through this section there was a demand for azaleas, and a considerable quantity more could have been disposed of at fairly good prices. Lilies were in good demand, and probably 25 per cent more than were on hand could have been sold. Violets were the flower mostly called for and the supply was exceedingly short. Carnations were just about equal to the local demand, but roses were in over supply, a considerable quantity being left over. Taking it altogether, this has been a satisfactory Easter, as far as demand is concerned, but a most unsatisfactory one to the growers, who have had to struggle all through March and the early part of April. They had to handle their stock so that it would be ready at the right time, the looked for bright days did not come, and they had to resort to hard forcing. In some cases even the hard forcing did not bring the lilies in.

LINCOLN, NEB.—A large increase over the Easter of 1910 is the word received from C. M. Frey, which will amount to about 35 per cent. Prices were about the same as last year, and the supply of both plants and cut flowers were adequate to meet the demand. The call for blooming plants was very heavy, lilies leading, and the others followed in this order—spireas, azaleas, hyacinths, cinerarias, tulips, Rambler roses, deutzias and hydrangeas. Carnations were the cut flowers that were most favored; roses, violets, sweet peas, daffodils, lilies and marguerites, was about the order of the demand. The weather was ideal, and the buying started early and continued through the week. The stock was in prime condition and there were no complaints about the prices, a large percentage being cash sales, more so than usual.

FARGO, N. DAK.—The Easter business was about the same as last year, reports the Shotwell Floral Co. Prices were not advanced and the supply of both plants and cut flowers was equal to the demand. Bulbous stock, azaleas, hydrangeas and lilies all sold well, and there was a good demand for all kinds of cut flowers. The season has been backward and we did not get all our lilies in. W. B. Shotwell and W. C. Johnson, late with E. H. Hunt, Chicago, have purchased the business of Frank V. Kent & Co. of Grand Forks, and the business will be carried on under the name of the W. C. Johnson Floral Co., with Mr. Johnson as manager.

ATLANTIC, IA.—The Atlantic Greenhouse Co. report an increase of 25 per cent over the Easter trade of last year. The supply of plants was good and there were plenty of roses, but carnations were short of the demand. The prices were about the same as last year. The call for plants was excellent, lilies, azaleas, spireas and primroses selling out clean. Hyacinths and tulips were slow. Roses, carnations and cut lilies sold well. We are getting ready to build five houses, two will be 25x125 and three 16x125, and a brick boiler house 40x40, for which the John C. Moninger Co. will furnish the material.

LEXINGTON, KY.—From reports received all around the increase in the Easter trade was about 10 per cent, states John A. Keller. The prices of cut flowers advanced a little over last year, but on plants they were about the same. Lilies in pots and roses and carnations were short in supply; of

other stock there was plenty. The best sellers were lilies, hydrangeas, spireas and roses, there being no bulbous stock at all. Business has been good for several weeks, with considerable funeral work.

CHICAGO, ILL.—The Easter business this year amounted to as much as 1909 and 1910 combined, says George C. Hartung, at the Kensington greenhouses, 11822 Michigan avenue. The demand for plants exceeded all expectations, there not being a blooming plant or fern left on the place on the Saturday noon before Easter.

## OBITUARY.

### Walter H. Knapp.

Walter H. Knapp, a prominent florist of Newton, Mass., died April 11, after an illness of two weeks at Rutland, where he had gone seeking health; although he had been in poor health since early winter. He was about 56 years of age, being born in Etam, and after passing through the public schools entered the Massachusetts Agricultural College at Amherst, graduating in 1875. With a classmate he established a business at Wellesley Hills under the firm name of Callender & Knapp. About twenty years ago the firm dissolved and Mr. Knapp built greenhouses at Newtonville, where he has successfully carried on a local business, besides selling in the Boston market his surplus product. His specialties were the more winter-tender flowers, such as anemones, sultanas, coreopsis and glloxinias.

Mr. Knapp had a quiet gentlemanly personality and stood very high in the esteem of the trade and the community in which he lived. He was much interested in church work and acquired a reputation as a singer in church choirs in Wellesley and Newton. He was a member of the Society of American Florists. The funeral took place from his late residence, 121 North street, April 13, the interment being in Newton cemetery. He is survived by his mother.

### William E. Starrett.

The trade in Chicago was greatly shocked on the morning of April 12 to hear of the death of William E. Starrett, the popular salesman at the store of the Chicago Carnation Co., 30 East Randolph st. He was at the store the day before performing his duties but upon being called in the morning was found dead in bed, the cause of death being heart disease. He was the son of John Starrett, florist at the La Salle Hotel and although but 26 years of age had acquired the confidence of the trade and had made a host of friends by whom he will be greatly missed. He is survived by a wife, there being no children. The funeral was at his late residence, 3635 Cottage Grove avenue, April 14, and the floral remembrances from his friends in the stores were numerous and beautiful. The interment was in Mount Olive cemetery.

### Mrs. George Stollery.

Catherine Winter Stollery, wife of George Stollery of the well-known firm of Stollery Bros., Chicago, died April 11 of peritonitis after an illness of six weeks' duration. She was about 40 years of age and beside her husband leaves four children, two boys and two girls, the eldest being 14 years old. The funeral took place at Rose Hill chapel on Thursday, April 13, which a large gathering of friends attended, and there were a large number of beautiful floral offerings from friends and associates. The interment will be in Rose Hill cemetery.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00  
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When sending us change of address always send  
 the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has  
 accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier  
 if possible) as we go to press Wednesday.

We do not assume any responsibility for the  
 opinions of our correspondents.

THE AMERICAN FLORIST,  
 440 S. Dearborn St., CHICAGO.

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GHENT, BELGIUM.—Louis De Smet  
 died at Mont-St. Amand April 6 after  
 a long and painful illness.

FLORAL CALENDARS.—The floral cal-  
 endars received this year include one  
 of Canna Mrs. Alfred F. Conard in  
 colors, issued by the Conard & Jones  
 Co., West Grove, Pa., and one of Car-  
 nation Washington in colors, issued by  
 the Chicago Carnation Co., Chicago.

ACCORDING to an article in a daily  
 newspaper, a gift of a square mile of  
 farming land near New York has been  
 made to Columbia University, with the  
 understanding that the contemplated  
 farming station be established there.  
 The idea is not to conduct an  
 experimental station on the lines of ag-  
 ricultural schools, but to study the  
 economic principles in the cultivation  
 of greater harvests and better quality  
 of crops, by a relatively smaller num-  
 ber of persons.

THE proceedings of the twenty-fifth  
 annual meeting of the Oregon State  
 Horticultural Society has been re-  
 ceived, containing, besides the min-  
 utes of the meeting, the papers read,  
 and illustrations of some of the prin-  
 cipal exhibits of the apple show held  
 in conjunction with the meeting.

THE premium list of the June exhibi-  
 tion of the Newport Horticultural So-  
 ciety to be held in Masonic Hall, New-  
 port, R. I., June 22-23 is received. Lib-  
 eral premiums are offered for plants,  
 fruit, flowers and vegetables and spe-  
 cial premiums for gardens, roses and  
 peonies. A copy may be had on ap-  
 plication to Daniel J. Coughlin, secre-  
 tary.

### Our Supplements.

Subscribers should see that they get  
 copies of the fine supplementary illus-  
 trations showing high grade design and  
 decorative work. These fine supple-  
 ments should be carefully preserved,  
 as they mean much to the retail flor-  
 ists in dealing with their customers,  
 illustrating as they do the various  
 kinds of work that the everyday florist  
 is called upon to perform.

The papers in which the supplements  
 appear should be likewise preserved,  
 as they contain much valuable data  
 with regard to these special illustra-  
 tions. Subscribers should see that they  
 get every issue, as otherwise they may  
 miss some of this high-grade work.

### National Council of Horticulture.

THE fourth installment of the arti-  
 cles sent out by the National Council  
 of Horticulture has been received,  
 which comprise "Preparing a Canna  
 Bed," "Plants and the Soil They Like,"  
 "Planting and Care of Perennials," and  
 "Substitutes for Manure." These arti-  
 cles are very timely, and treat the sub-  
 jects very comprehensively, and are  
 distributed to the press gratuitously  
 by James H. Burdett, 1620 West One  
 Hundred and Fourth street, Chicago.  
 Seedsman should advise their local edi-  
 tors to procure them as they are pro-  
 ductive of interest in gardening.

### Texas Cape Jasmine Conditions.

#### THE LATEST REPORTS.

ALVIN, April 15.—I wish to state that  
 the publication of the condition of the  
 jasmine crop in the Alvin vicinity is  
 misrepresented to a great extent. The  
 crop will be short but what buds there  
 are will be as good if not better than  
 last year. Some patches were dam-  
 aged badly by spraying with a solu-  
 tion recommended by the state, while  
 others were not sprayed with that solu-  
 tion and are in as fine condition as  
 before.

R. W. WOODWARD.

ALVIN, April 15.—Our jasmine buds  
 are in perfect shape. Our buds have  
 not been sprayed for insects of any  
 kind, and are going to be better this  
 year than in a good many years. The  
 stems will be longer than usual. There  
 are a few jasmine patches that have  
 been infested with white fly. They  
 have had to be sprayed with strong  
 fluid to kill the fly and this has in-  
 jured such crops. These crops would  
 not have been much anyway with the  
 white fly on them. I have an inspec-  
 tion card from the state saying mine  
 are in perfect condition.

T. W. CARLTON.

### Horticultural Society of New York.

A meeting and exhibition of the so-  
 ciety were held on Wednesday, April  
 12, at the American Museum of Natural  
 History. Six life and 17 annual mem-  
 bers were elected. A large audience  
 listened to an interesting lecture by  
 Dr. E. B. Southwick on "Hyacinths:  
 their history, cultivation and present  
 day types," illustrated with lantern  
 slides. The exhibition held in the West  
 Assembly Hall was largely attended  
 and prizes were awarded lilies, tulips,  
 and hydrangeas and silver medals and  
 certificates of merit to worthy ex-  
 hibits. Thos. Aitchison and A. Her-  
 rington served as judges. The next  
 exhibition will occur on Wednesday,  
 May 10, and succeeding exhibitions  
 during the summer will be held in the  
 Museum Building, New York Botanical  
 Garden, Bronx Park, New York City.  
 GEORGE V. NASH, Sec'y.

### National Sweet Pea Society.

THE preliminary schedule of the sum-  
 mer exhibition to be held in Philadel-  
 phia, Pa., June 23-24 contains the fol-  
 lowing prizes:

Class 1. President Burpee's cup,  
 value \$25.00, for the finest collection  
 of sweet peas, 12 vases, 12 varieties.

Class 2. The W. Atlee Burpee prize,  
 for the best vase of one variety of  
 Spencer type sweet peas introduced in  
 1911; first prize \$5.00; second prize  
 \$3.00; third prize \$2.00.

Class 3. The W. Atlee Burpee prize  
 for the best vase of grandiflora type of  
 sweet peas; first prize \$5.00; second  
 prize \$3.00; third prize \$2.00.

Class 4. The Henry F. Michell Co.'s  
 prize for the best six vases of sweet  
 peas in the following six varieties:  
 Nora Unwin, Asta Ohn Spencer, Lov-  
 ely Spencer, Captain of the Blues  
 Spencer, King Edward Spencer, Blanche  
 Ferry. First prize \$10.00; second prize  
 \$5.00.

Class 5. The Henry F. Michell Co.'s  
 prize for the best vase of Spencer sweet  
 peas in mixed varieties; first prize  
 \$2.50.

Class 6. The Henry F. Michell Co.'s  
 prize for the best vase of "Magnifi-  
 cent" sweet peas mixed; first prize  
 \$2.50.

Class 7. The Peter Henderson &  
 Co.'s prize of \$15.00 to be awarded to  
 the exhibitor of the best vase of not  
 less than 50 stems of Martha Wash-  
 ington sweet peas with their own foli-  
 age (amateurs only).

Class 8. The Peter Henderson &  
 Co.'s prize of \$10.00 to be awarded to  
 the best collection of 12 distinct vari-  
 eties of the Waved Spencer sweet peas,  
 not less than 12 stems to a vase; own  
 foliage (amateurs only).

Class 9. The Arthur T. Boddington  
 prize, a silver "Challenge Cup," value  
 \$50.00, for a collection of sweet peas,  
 25 varieties, not less than 25 stems to  
 a vase, to be shown with sweet pea  
 foliage only. To be won twice by the  
 same exhibitor. Arthur T. Boddington  
 will also award to the winner of this  
 cup (each time won) a cash prize  
 of \$25.00, also \$15.00 second prize and  
 \$10.00 third prize.

Class 10. The Harry A. Bunyard  
 prize for the best vase of vari-colored  
 sweet peas. First prize \$3.00; second  
 prize \$2.00; third prize \$1.00.

Additional prizes are invited from  
 the trade, which will be published from  
 time to time.

For further particulars write to  
 Harry A. Bunyard, Sec'y., 342 West  
 Fourteenth street, New York.

## Meetings Next Week.

Baltimore, Md., April 24, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.  
 Cleveland, O., April 24, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2610 Detroit avenue.  
 Hartford, Conn., April 28, 8 p. m.—Connecticut Horticultural Society, County building.  
 Lake Forest, Ill., April 28, 8 p. m.—Horticultural Society of Lake Forest, Council Chamber, City Hall.  
 Toledo, O., April 26.—Toledo Florists' Club.

## Wants, For Sale, Etc

## One Cent Per Word, Cash with Adv.

## For Plant Adv., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc

**Situation Wanted**—Gardener, 12 years experience; Polish; married. Address Key 420, care American Florist.

**Situation Wanted**—Carnation grower wishes position near Milwaukee or Chicago. Address J. SCHWENK, 68 Wright St., Milwaukee, Wis.

**Situation Wanted**—A position as all around florist; married; no children. Address ADOLPH TESSNER, Hamlet, Ind. R. 1, care of Fred Arndt.

**Situation Wanted**—As working foreman in up-to-date retail place; life experience; exceptional references; married. Address J. H. 334 S. Patrick, Alexandria, Va.

**Situation Wanted**—By gardener on private place; Chicago preferred; 18 years experience; references in Germany, Switzerland and United States. Address Key 417, care American Florist.

**Situation Wanted**—Experienced florist, grower fine roses, carnations, mums, bulbs, general stock; design and all kinds of goods; best references. Florist, 707 17th St., Detroit, Mich.

**Situation Wanted**—Young lady with a little experience wishes to secure a position in retail florist store in Chicago. Salary must be at least \$7.00 or \$8.00 to start. Address 430 care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and lawns. First-class references. Ready April 1; single; age 35. Address Key 392, care American Florist.

**Situation Wanted**—As head gardener or foreman in large commercial establishment; has a thorough knowledge of all knowledge of horticulture; a specialty in orchid culture. Address C. H. M., 13 East Broadway, Post Chester, N. Y.

**Situation Wanted**—As working foreman, by a thoroughly capable grower of roses, carnations, mums, and all kinds of greenhouse and tropical plants and bulbs and the forcing of the same; references. Address Key 433, care American Florist.

**Help Wanted**—A young man of experience for work in private orchid collection; state age, wages, experience, etc. Address Key 432, care American Florist.

**Help Wanted**—Man to work in and around greenhouses under a foreman; state wages and references; steady job to right man. EDWARD TATRO, 407 E. Iron Ave., Salina, Kansas.

**Help Wanted**—Young man, experienced at potting and bedding out; must be sober, active and industrious; wages \$12 per week; references required. Address J. C. RENNINGSON Co., Sioux City, Iowa.

**Help Wanted**—Young man; some experience in drafting; willing to learn landscape architecture and drafting; permanent position to right man; state age; experience, references, salary expected etc. Address Key 435, care American Florist.

**Help Wanted**—Young man of experience to take charge of small greenhouse, hot beds, etc., and willing to work outdoors; wages \$30 per month, board and room. Send references in first letter to HENRY TOLMAN, Walworth, Wis.

**Help Wanted**—An assistant gardener; all around man; German or Swede preferred; age between 15 and 25 years; single man; sober and good worker; wages \$5 dollars a month, board and room; all the year around. Send references in first letter to PAUL F. MAILLARD, Chief Gardener, National Soldiers' Home, Maine.

**Help Wanted**—Competent, sober man to grow bulbs, pot plants and bedding stock; must know how to do a good job of bedding out; \$15.00 a week to start; prefer a married man who would appreciate a permanent position and fair, square dealing; the business is long established and thriving and amply able to pay more wages to the man who shows by results that he is worth more; give full particulars in first letter. GREEN'S GREENHOUSES, Fremont, Nebr.

**For Sale**—Florist refrigerator, nearly new; fine condition; 52 in. wide, 29 in. deep; cheap. A. G. PRINCE, Iowa City, Iowa.

**For Sale**—On account of death, an up-to-date retail flower store is for sale. Address Key 436, care American Florist.

**For Sale**—The best opportunity on earth for a florist with small means. Particulars. Address Key 428, care American Florist.

**For Sale**—At a bargain if taken at once \$500 ft. of glass; no competition; can sell as much again as you can grow, at good prices. DWIGHT GREENHOUSES, Dwight, Ill.

**For Sale**—A retail flower store in one of the best localities in Chicago; big chance to make money; poor health reason for selling. Address Key 434, care American Florist.

**For Sale**—Two excellent greenhouses, nearly new, each 23x18 ft.; room for three more houses; right in a city of 75,000 population, central New York; price low. Address Key 415, care American Florist.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOCK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale Cheap**—Failing health; 9/4 acres with 2 greenhouses 10x100; 75 sash, house and barn; drilled well, tank and pumping engine. (One block to interurban car line; to center of city one mile; 20,000 population. N. NEY, Second Avenue, Appleton, Wis.

**For Sale**—Three greenhouses, 5300 feet glass, good eight-room house, 2 barns in smart town, 8000 population, no other within 26 miles; stock tools, horse and wagons all go. Price \$6,500, part cash. Send for book farm bargains. D. B. CORNELL Co., Great Barrington, Mass.

**For Sale**—Up-to-date retail flower store, established nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. F. KNORR, 223 Bergevine Ave., Union Hill, N. J.

**To Rent**—Fine corner store for florist, busy transfer corner, 51st street, cor. Indiana Ave. will make rent reasonable. R. SAVRE & Co., 7205 Jeffery Ave., Phone 2734 Hyde Park.

## FOR SALE.

Small but good business; greenhouse, 25x50, cottage, 50 feet hot beds; in city limits in fast growing town in Oklahoma. No competition within 60 miles, \$1000.00 if taken at once. Address

Key 425, care American Florist.

## Private Place—Gardener.

Is open to engagement; has a thorough knowledge of all branches, including landscape work, flower and fruit growing, lawn and park work, greenhouse management, etc.; best references,

Key 426, care American Florist.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## NURSERYMAN

Thoroughly experienced in landscape work and in the propagation and culture of nursery stock, including trees, shrubs and hardy herbaceous perennials; desires permanent position with western nursery concern specializing in these lines. For further particulars address

Key 427, care American Florist.

## A Golden Opportunity.

A good practical grower of greenhouse and outdoor crops can take over at a nominal rental a greenhouse plant of about 16,000 square feet of glass; a fine heating plant with 100 tons of coal in the cellar; houses well stocked with carnations, sweet peas, fuchsias, parsley, Asparagus plumosus and Sprengerii. A good cottage is a part of the plant; with from 10 to 20 acres of the very best land. Fine location; markets for crops already established. Plant has been conducted as a semi-commercial establishment; owner now wishes to be relieved of all responsibilities. For further particulars apply to John T. Withers, 1 Montgomery St., Jersey City, N. J.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# A Big Crop of Beauties

## And Roses Now on

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

| AMERICAN BEAUTIES |           | Per doz. |
|-------------------|-----------|----------|
| Extra long.....   | \$3 00 to | 4 00     |
| 24-36-in.....     | 2 00 to   | 2 50     |
| 15 to 20-in.....  | 1 00 to   | 1 50     |
| 8 to 10-in.....   |           | 75       |
| Short stems.....  | Per 100   | 4 00     |

| Rhea Reid              |  | Per 100 |
|------------------------|--|---------|
| Extra long select..... |  | \$10 00 |
| Good length.....       |  | 8 00    |
| Medium length.....     |  | 6 00    |
| Short.....             |  | 4 00    |

**Maids, Maryland, Killarney, Brides,  
White Killarney, Kaiserin and Richmond.**

|                        |         | Per 100 |
|------------------------|---------|---------|
| Extra select.....      |         | \$ 8 00 |
| Good length.....       |         | 6 00    |
| Medium length.....     | 4 00 to | 5 00    |
| Good short length..... |         | 3 00    |

| CARNATIONS                      |            | Per 100        |
|---------------------------------|------------|----------------|
| Fancy pink and white.....       |            | \$3 00         |
| Fancy red, O. P. Bassett.....   |            | \$3 00 to 4 00 |
| <b>HARRISII LILIES</b> .....    | per doz.   | 1 50           |
| " ".....                        |            | 10 00          |
| Lily of the Valley.....         | \$3 00 to  | 4 00           |
| Select Pink and White Peas..... |            | 1 00           |
| Adiantum.....                   |            | 1 00           |
| Asparagus.....                  | per string | 50             |
| Asparagus Sprays.....           | 3 00 to    | 4 00           |
| Ferns.....                      | per 1000   | 3 00           |
| Galax, Green.....               | per 1000   | 1 00           |
| " Bronze.....                   | per 1000   | 1 00           |
| Smilax.....                     | per doz.   | 2 00           |

**By Direct of the Grower and Get Fresh Stock**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

### Chicago.

#### A GRAND EASTER BUSINESS.

The great flower day of the year has passed, and the trade done by both retailers and wholesalers was enormous. The weather for the week preceding Easter was all that could be either asked or expected. While not too warm, yet the days were bright and pleasant and not cold enough to interfere with the deliveries or to cause unnecessary wrapping. Saturday was, however, very windy, and the plants had to be handled carefully or under cover. At the wholesale stores the business was fine, and "very satisfactory" is the expression of the more conservative dealers, and "a grand good business" is the word of the more enthusiastic. The demand for cut flowers exceeded the supply in many of the stores and telephones to the greenhouses for more stock was the case with many of the dealers. Lilies sold well, and the pot stock cleaned up nicely, with the exception of some of the shorter stemmed plants, and those that were too far advanced and in full bloom. The call for roses and carnations was large and with the exception of American Beauties and Richmond there were enough to fill the orders. American Beauties were off crop with many of the growers and a great many more could have been sold if they had been obtainable, and consequently Richmond had an exceedingly heavy call and were entirely cleaned up. A large quantity of pickled carnations were pushed upon the market; why growers will persist in doing this is beyond understanding, for the price of carnations has held firm for the last week, and it would have been far better for all concerned if the flowers had been placed upon the market when they were in their best condition. Sweet peas had an

immense call and there was a clean up of all stock of this class and orchids sold out entirely. More could have been handled if they could have been obtained. Violets were in great demand, and as was expected with Easter being so late, the supply was not large, and the blooms of good quality sold out early. There was call for quantities of smilax and the market was depleted of this necessary green, but the supply of asparagus was good. The plant trade was very heavy, all the retailers being extremely busy, and in most cases working all night to get the orders ready for delivery. In fact, Saturday morning showed that much of the best stock had already been sold. This week is one of general apathy and the stock is accumulating, and it will take a full week for the trade to get back to normal conditions. Some very fine gladioli are now to be seen on the market, and the other stock is of very fine quality and now coming in in large quantities.

### NOTES.

The wedding of Miss Paula Kroeschell, daughter of Mr. and Mrs. W. L. Kroeschell, to Robert O. Butz was solemnized at the family residence at Winnetka, April 12. The decorations were unusually beautiful and effective, spring flowers being used in abundance. The ceremony was performed in the music room, where a platform was arranged as a verandah with a canopy overhead hung with trailing vines, and the room decorated with blooming plants.

Chas. W. McKellar says the demand for orchids for Easter greatly exceeded the supply and many orders were unfilled, gardenias also had a good call and cleaned up early. The Cattleya Mossie that this house is offering are magnificent and some of the largest

blooms that have ever been received can be seen at the store this week. On Saturday evening this store looked somewhat bare for all the stock had been sold, not even a lily bloom remained.

Pochlmann Bros. Co. did an enormous Easter business and cleaned up fairly well in all lines. An immense stock of Easter lilies were sent out but a large quantity of fine flowers are still coming in. As usual at all holidays, a force from the greenhouse assisted at the store last week, where their services were so greatly needed. The American Beauties that this firm is cutting are of unsurpassed quality and are eagerly sought for by the best trade.

Bassett & Washburn are now receiving a fine, fancy stock of American Beauty roses of the long-stemmed grade. This firm seems to be doing as much business this week as they did last and C. L. Washburn can be seen assisting the help filling the many orders that are received.

The Des Plaines Floral Co. is filling a large number of orders for rooted carnation cuttings that are especially strong and well rooted. Judging from the many orders they are receiving they will have no trouble disposing of the 30,000 that are now in the propagating bench.

Aug. Koelbe is enjoying a good season at his store at 422 North Fortieth avenue; funeral work keeping him very busy.

The Palace Floral Co. had a beautiful Easter window display at their North Clark street store last week.

Frank Fisher, with the Wm. Blackman Floral Co., of Evansville, Ind., paid the city a visit on April 17.

M. P. Lynch has accepted a position as salesman with J. W. Niesen, 304 E. Forty-seventh street.

# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

Can Supply Finest

## BEAUTIES

In large quantities from now on. We also have a large supply of

## Easter Lilies and Callas

and are prepared to fill your orders at all times. Our

## ROSES AND CARNATIONS

are in splendid condition, and are arriving in quantity large enough to meet all demands.

### CURRENT PRICE LIST:

| AMERICAN BEAUTIES        |  | Per Doz.         |
|--------------------------|--|------------------|
| Extra Select             |  | \$4.00 to \$5.00 |
| Medium                   |  | 2.00 to 3.00     |
| Short                    |  | .75 to 1.50      |
|                          |  | Per 100.         |
| KILLARNEY, special       |  | \$10.00          |
| Fancy                    |  | 8.00             |
| Medium                   |  | \$4.00 to 6.00   |
| Good Short               |  | 3.00             |
| RICHMOND, special        |  | 10.00            |
| Fancy                    |  | 8.00             |
| Medium                   |  | \$4.00 to 6.00   |
| Good Short               |  | 3.00             |
| MY MARYLAND, special     |  | 10.00            |
| Fancy                    |  | 8.00             |
| Medium                   |  | \$4.00 to 6.00   |
| Good Short               |  | 3.00             |
| WHITE KILLARNEY, special |  | 10.00            |
| Select                   |  | 8.00             |
| Medium                   |  | \$4.00 to 6.00   |
| Good Short               |  | 3.00             |

|                                                    |          | Per 100.       |
|----------------------------------------------------|----------|----------------|
| PERLE, long                                        |          | \$6.00         |
| Medium                                             |          | 3.00           |
| Our Extra special grade Roses charged accordingly. |          |                |
| CARNATIONS, fancy                                  |          | \$3.00         |
| firsts                                             |          | 2.00           |
| ORCHIDS, Cattleyas, per doz.                       |          | \$6.00 to 7.50 |
| CALLAS, per doz., \$1.50                           |          | 10.00          |
| JONQUILS                                           |          | 3.00           |
| DAFFODILS                                          |          | 3.00           |
| TULIPS                                             |          | \$3.00 to 4.00 |
| SPANISH IRIS                                       |          | 8.00           |
| VALLEY                                             |          | \$3.00 to 4.00 |
| MIGNONETTE, large spikes.                          |          | 4.00           |
| SWEET PEAS                                         |          | \$0.75 to 1.25 |
| ADIANTUM CROWEANUM                                 |          | \$1.00 to 2.50 |
| SMILAX                                             | Per doz. | \$2.00 to 2.50 |
| SPRENGER, PLUMOSUS SPRAYS                          |          | \$3.00 to 4.00 |
| PLUMOSUS STRING                                    | each     | .60            |
| FERNS                                              | per 1000 | 3.50           |
| GALAX                                              | per 1000 | 1.25           |
| LEUCOTHOE                                          | per 100  | .75            |
| BOXWOOD, per bunch, 35; per case of 50 lbs.        |          | 7.50           |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other.



**U S Budlong's**  
**E Blue Ribbon Valley.**

**HEAVY SUPPLY**  
**Roses and**  
**Carnations**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**WE ARE DOING BUSINESS**

**in Our New and Much Larger Quarters.**

**Where We Are Much Better Prepared**

**To Handle All Orders for the**

**SPRING TRADE**

**Quality Speaks Louder Than Prices**

**Buy Direct**  
**From the**  
**Grower.**

**J. A. BUDLONG**

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES**  
**and CARNATIONS**  
**A Specialty.....**

**WHOLESALE**  
**GROWER O**

**CUT FLOWERS**

**L. D.**  
**Phone**  
**Central**  
**3120**

J. A. Budlong is cutting a large quantity of Kaiserin roses of exceptionally good quality, foliage and stem being all that could be desired. This firm is also cutting a fancy grade of long-stemmed American Beauties and were among those fortunate enough to have a large supply to fill their Easter orders. The shipping trade from this store for Easter was exceptionally heavy and many customers from long distances have written words of appreciation for the excellent condition of the stock upon arrival.

E. E. Pieser of Kennicott Bros. Co., says that this year's Easter trade was the largest they ever experienced and was fully 17 per cent greater than that of 1910. The sales of the five days preceding this holiday were equal to the six last year. The stock cleaned up fairly well and what odds and ends were left over were sold the following Monday, on which day only one shipment, and that of sweet peas, was received. The first Parrot tulip and lilacs of the season were seen at this store on April 15.

Peter Reinberg's American Beauty roses have been arriving in great quantities during the week, and the quality is excellent. Out-of-town trade has kept up very well, and considering the large amount of stock on hand, each day shows a fair clean up. The Easter business was very large and Tim Matchen had his troubles seeing that the many orders were properly filled. He was equal to the task, however, and has yet to hear of the first complaint.

A fine Easter is reported at Zech & Mann's; all the stock cleaned up well. Mathias Mann, the junior member of the firm, proved to be as good a store man as he is a grower, and was a valuable assistant at the store during the Easter rush. John Zech, with his many years of experience on this market, knew what his customers wanted for

the holiday and left nothing undone to fill all orders to their satisfaction.

Hoerber Bros. supplied their customers with as fine a grade of Killarney roses for the Easter trade as is often seen, the color, foliage and stems being perfect. Harry Manheim, the hustling store manager, is deserving of much credit for the splendid manner in which he, with two assistants, handled the large supply of stock that was brought in from the greenhouses last week.

A. C. Rott, the well-known florist of Joliet, was in the city on Tuesday, buying stock for two large decorations. On April 20 he has the decorations for the Firemen's Ball and on the following day the ball to be given by the Union Club, which is the social event of the season.

The Chicago Carnation Co. is showing some fine bunches of hepatica this week, which were picked in Higginbotham's park at Joliet. Will Starrett is greatly missed at the store by the customers, his sudden death being a great shock to all.

The J. B. Deamud Co. had an exceptionally large Easter trade and it was nearly 11 o'clock on Saturday evening when Nic Miller, waited on the last customer. The first trailing arbutus of the season were seen at this house this week.

Vietor Bros. moved their immense Easter cut with very little trouble and report a fine business. The Mrs. Jardine roses that this firm is cutting are of such high quality that many of the retail stores are featuring them in their window displays.

Vaughan & Sperry took care of all their old customers at Easter and many new ones in a very satisfactory way. This firm is enjoying a splendid shipping trade which is steadily growing larger, extending to all parts of the country.

**U S Budlong's**  
**E Blue Ribbon Valley.**

*Mention the American Florist when writing*

W. P. Kyle of Kyle & Foerster, reports a very good Easter trade, the sales being much larger than those of last year. The stock cleaned up fairly well and the quality was greatly appreciated by their customers.

Henry Hilmer of the Kenwood Floral Co., had a very attractive Easter window display at his East Forty-seventh street store that was greatly admired by the public.

James Cochrane, the prosperous florist of West Pullman, says his Easter business was double that of last year, which his many friends will be pleased to know.

E. B. Washburn has recovered from his recent illness and is again attending to his duties at the Bassett & Washburn store.

Henry Van Gelder of Percy Jones, has added another grower to his list and has now on hand a fancy grade of lily blooms.

The sympathy of the trade is extended to F. L. Otto in the loss of his father, whose death occurred on Monday, April 10.

H. W. Rogers of the Weiland & Risch force, left April 17 for Spring Lake, Mich., to visit his mother, who is seriously ill.

W. N. Rudd delivered an address on the "Planting of Home Grounds" before the Normal Improvement Association, April 18.

# Large Crop of Roses

Of all the best varieties. The quality is perfect and there are no better flowers coming into this or any other market.

We have also a good supply of **BEAUTIES** and **CARNATIONS**.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

## PRICE LIST:

| AMERICAN BEAUTIES     |             | Per doz.          |                           |               | Per 100           |
|-----------------------|-------------|-------------------|---------------------------|---------------|-------------------|
| Extra long stems..... |             | \$4 00            | Ivory.....                | } Select..... | \$6 00 to \$ 8 00 |
| 36 inch stems.....    | 3 50        |                   | Sunrise.....              |               | 3 00 to 4 00      |
| 30 inch stems.....    | 3 00        |                   | Perle.....                |               | 3 00 to 4 00      |
| 24 inch stems.....    | 2 50        |                   | Roses, our selection..... |               | 3 00              |
| 20 inch stems.....    | 2 00        |                   | Carnations.....           | 1 50 to       | 2 50              |
| 15 inch stems.....    | 1 50        |                   | Fancy.....                |               | 3 00              |
| 12 inch stems.....    | 1 00        |                   | Harrisli.....             | 10 00 to      | 12 00             |
| Short stems.....      | 75          |                   | Valley.....               | 3 00 to       | 4 00              |
|                       | Per 100     |                   | Sweet peas.....           | 75 to         | 1 00              |
| Richmond.....         |             |                   | Tulips.....               | 3 00 to       | 4 00              |
| Killarney.....        | Select..... | \$6 00 to \$ 8 00 | Adiantum.....             |               | 1 00              |
| White Killarney.....  | Medium..... | 3 00 to 4 00      | Asparagus, per bunch..... |               | 50                |
| My Maryland.....      |             |                   | Ferns, per 1000.....      | 3 50 to       | 4 00              |
| Mrs. Field.....       |             |                   |                           |               |                   |
| Uncle John.....       | Select..... | 6 00 to 8 00      |                           |               |                   |
| Bride.....            | Medium..... | 3 00 to 4 00      |                           |               |                   |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

New No. 30 E. Randolph St., CHICAGO.

The body of James Fitzgerald, night watchman at the Atlas building, was found Friday morning, April 14, at the bottom of the freight elevator shaft. It was first believed he was killed by falling down the shaft accidentally, but when blood stains were discovered at the foot of the stairway of the first floor up to the second floor and through a hallway to the elevator door, the police were convinced that the night watchman had been murdered. Further evidence of foul play was furnished when Fitzgerald's lantern was found broken at the foot of the stairway where the blood stains were found.

The Chicago Woman's Outdoor Art League is endeavoring to have the State Legislature pass the bill to have Arbor Day, April 21, made compulsory in the schools of Illinois. The motto of the league is, "Leave the world more beautiful than you found it," and the members believe the most effective way is to work with the children. It is suggested that individuals make this day the occasion of the planting of at least one shrub or vine.

The annual flower sale arranged for the benefit of the Home for Destitute Crippled Children will be held in Lincoln hall, Saturday, April 22.

Governor Deneen on April 14 issued a proclamation designating Sunday, May 14, as Mothers' day.



## ORCHIDS

**::A Specialty::**

A fine stock of Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. MCKELLAR**  
162 N. Wabash Avenue,  
**CHICAGO.**

The Florist Bowling League will close its season next Wednesday evening, April 26, at Bensinger's alleys, 118 Monroe street, when the Roses bowl



# EXTRA FANCY BEAUTIES

THE FINEST THE MARKET AFFORDS.

Not only will you find our prices right, but the high quality of the stock we send out will make and keep you customers. Every order gets our personal attention, and we are confident we can give you every satisfaction. We are strong on

## Roses, Carnations, Orchids, Lilies, Callas and all Spring Stock

If anyone has it in this Market WE HAVE

### PRICE LIST

| BEAUTIES                             | Per doz.               |
|--------------------------------------|------------------------|
| Long stems.....                      | \$4 00                 |
| 30 to 36 inch stems.....             | \$3 00 to 3 50         |
| 20 to 24 inch stems.....             | 2 50                   |
| 15 to 18 inch stems.....             | 1 50                   |
| 12 inch stems.....                   | 75                     |
| <b>Killarney, special.....</b>       | <b>Per 100 \$10 00</b> |
| fancy.....                           | \$6 00 to 8 00         |
| good.....                            | 4 00 to 6 00           |
| <b>White Killarney, special.....</b> | <b>10 00</b>           |
| fancy.....                           | 6 00 to 8 00           |
| good.....                            | 4 00 to 6 00           |
| <b>Richmond, special.....</b>        | <b>10 00</b>           |
| fancy.....                           | 6 00 to 8 00           |
| good.....                            | 4 00 to 6 00           |

|                                  |                   |
|----------------------------------|-------------------|
| Brides and Bridesmaids.....      | \$4 00 to \$10 00 |
| Maryland.....                    | 4 00 to 10 00     |
| Gates and Uncle John.....        | 4 00 to 10 00     |
| Perle.....                       | 4 00 to 10 00     |
| <b>ROSES, our selection.....</b> | <b>3 00</b>       |

|                                |                     |
|--------------------------------|---------------------|
| <b>ORCHIDS, Cattleyas.....</b> | <b>5 00 to 7 50</b> |
| <b>CARNATIONS.....</b>         | <b>2 00</b>         |
| special fancy.....             | 3 00                |

| MISCELLANEOUS      | Per 100          |
|--------------------|------------------|
| Callas.....        | \$15 00          |
| Easter Lilies..... | \$12 50 to 15 00 |
| Valley.....        | 3 00 to 4 00     |
| Sweet Peas.....    | 75 to 1 25       |

| MISCELLANEOUS   | Per 100          |
|-----------------|------------------|
| Tulips.....     | \$3 00 to \$4 00 |
| Daffodils.....  | 3 00 to 4 00     |
| Jonquils.....   | 3 00 to 4 00     |
| Mignonette..... | 35 to 75         |
| Violets.....    | 50 to 1 00       |

| GREENS                              |                         |
|-------------------------------------|-------------------------|
| Asparagus Plumosus, per string..... | \$0 50                  |
| Sprengerli, bunch.....              | \$0 25 to 50            |
| sprays.....                         | 35 to 50                |
| Smilax.....                         | per doz. 1 50           |
| Fancy Ferns.....                    | per 1000. 4 00          |
| Adiantum.....                       | per 100. 1 00           |
| Galax Leaves.....                   | per 1000 1 00 to \$1 25 |
| Boxwood.....                        | 50 lb. case. 7 50       |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751

161 N. Wabash Ave., CHICAGO

the Orchids and the Violets the Carnations. After the games the prizes won will be awarded to the successful participants.

Stollery Bros. had a large decoration this week in Arcadia Hall, Evanston avenue, on the occasion of the North Side Society Ball. The walls were heavily draped, and owing to the scarcity of smilax, wild smilax, palms and hemlock boughs were used with telling effect. Twenty-five men were employed putting up the decoration.

Peter Reinberg returned April 1 from Hot Springs, Ark., where he has been resting from the arduous duties during the mayoralty campaign. Upon the assembling of the city government, he was appointed chairman of the local transportation committee.

Mrs. Coppersmith, a daughter of John Starrett, the florist at the La-Salle Hotel, died April 16. The family is doubly grieved, the son, William E., having passed away the previous Tuesday and the sympathy of the trade is extended them in their affliction.

The nursery business at the George Witthold Co.'s Edgebrook place is booming, and all hands are hustling getting the stock out and transplanted. They have secured the services of C. P. Andersen of Kenosha, Wis., to assist them with the work.

Miss Helen Gormley, formerly of Vaughan's Seed Store, and John Anthony Kaufmann were married April 17.

Gladioli planting stock is going into the ground rapidly both at Vaughan's nursery and farm.

Visitors: S. R. Lundy, representing W. A. Manda, South Orange, N. J.; F. L. Tornquist, Benton Harbor; Gustav Frederickson, St. Joseph, Mich.; James Karins, representing Henry A. Dreer, Philadelphia, Pa.

### Detroit.

#### UNPRECEDENTED DEMAND.

Easter business this year by far exceeded in volume that of any previous year in the history of the local trade. It was, however, devoid of distinguishing features except that alone of unprecedented demand. From some dealers we learn that the plant trade did not encroach as far upon the cut flower division as upon former holidays, and yet it was evident that flowering plants sold in great quantities and in the aggregate was the major portion of the Easter business, because plants sold during the whole week when the cut flower branch was quiet till Saturday and Sunday. It was noticeable, though, that during the first days of the week the demand did not meet the expectations of many florists and gave no indications of the great demand that fell to the fortune of Friday and Saturday and found most of the trade utterly unable to properly handle it, so great was the rush. Few could dare say what the leaders were after the lily was named, for the whole list of seasonable flowering plants found favor with the public. Azaleas, of course, were very popular in sizes, retailing for from \$2.50 to \$5.00 and yet many rhododendrons were sold at good figures. Spirea, as a medium priced plant, was much sought and hundreds were sold. Bulbous stock in pans and pots were somewhat soft, owing to the lateness of the season, but much good stock was on the market and it sold well. Hydrangeas were in fair demand, especially when well grown, while many roses, including Tausendschon and Baby Ramblers were easily disposed of. In cut flowers, the usual proportion of seasonable varieties were sold, the exceptions favoring great quantities of violets and sweet peas, the latter, while in

## U S Budlong's E Blue Ribbon Valley.

good supply, was yet quite short of the spirited demand that commenced early Saturday and continued until late Sunday. Prices were about the same as a year ago, and possibly the better grades of roses were somewhat lower, while violets that were at all fair commanded good prices, though many were poor and hard to move at any price, as sweet peas were popular substitutes. The weather was favorable except during a snow flurry that prevailed Saturday afternoon for a couple of hours, and even this threatened handicap did not hinder the impetus that gained earlier in the day and resulted in the most successful Easter trade ever enjoyed here.

#### CLUB MEETING.

The Florists' Club meeting, Monday evening, April 17, was poorly attended and the tired condition of those present stripped the meeting of its usual spirit. A paper was read by M. Bloy, which was prepared by Barney Myers, Lancaster, N. Y., on the "Adaptability of Wooden Benches Contrasted with Results with Cement and Solid Beds." The essay was brief but forceful in its advocacy of raised benches, and the author proved his points by convincing data gleaned under his own observation. The subject was discussed by several of the growers present and a hearty vote of thanks was given the author of the paper. J. F. S.

**We Supply Our Customers With**  
**THE FINEST STOCK**  
**IN THE CHICAGO MARKET**  
**BAR NONE**

Our **Killarneys** and **White Killarneys** are magnificent, **Brides** and **Maids** are grand and our **Richmonds** are of unsurpassed quality.

Our **Carnations** are of A1 quality and you will agree with us after receiving a shipment that they are all we claim them to be **The Finest Stock in the Chicago Market**  
**---Bar None.**

# HOERBER BROS.

**Wholesale Growers of Cut Flowers**

**162 North Wabash Avenue,  
 30 East Randolph Street,**

**Long Distance Phone,  
 Randolph 2758.  
 Automatic 41770.**

**CHICAGO.**

## European Horticulture.

FROM THE FRENCH TRADE PAPERS.

The International Institute of Agriculture—This comparatively new institution, having headquarters at Rome, has heretofore expressed itself publicly only in a monthly bulletin of statistics, devoted principally to the culture and production of cereals. Two new series of monthly publications have recently been inaugurated, a bulletin of economic and social institutions, and a bulletin of agricultural information and of the diseases of plants. The two first volumes of the bulletin of economic institutions are veritable volumes, devoted to a study of associations for production, co-operation, credit, etc., in the forty-seven states represented in the Institute. Those studied so far are Germany, Austria, Denmark, N. S. of N. America, Great Britain and Ireland, Italy, Japan, Ottoman Empire, Norway, Netherlands, Portugal, Roumania, Sweden, Switzerland. The bulletins contain much valuable information, never before collected, from which forceful comparisons should be drawn. The third bulletin is divided in two parts—official communications to the Institute and information bearing upon agronomy, agriculture, agricultural industries and the diseases of plants; the second part of short notices collected from the publications of the various countries, forming a mass of information of greatly varying value. The Institute will receive subscriptions for these bulletins in regard to which communications are to be addressed to M. P. Jannacone, secretary, at Rome.—Editorial in *Revue Horticole*.

**Antiseptic Bath for Lily Bulbs.**—Lily bulbs of most varieties are peculiarly liable to decay, from three principal causes: first, an excess of moisture in the soil; second, unfavorable conditions where raised, such as

## "The Busiest House in Chicago"

Our customers all had satisfactory shipments from us for Easter. If you did not fare so well send us an order.

**J. B. DEAMUD CO.**

**Long Distance Phone  
 Central 3155**

**160 N. Wabash Ave., CHICAGO**

fungous or microbe diseases; third, unfavorable shipping conditions, owing often to the long journey. Bulbs arriving in partially rotted or dried condition should be carefully trimmed with a sharp knife, removing all diseased scales even to the base of the bulb, then plunged into a bath composed of one quart boiled water, two grammes sulphate of copper and enough ammonia to entirely dissolve the precipitate formed, from one-half hour to 12 hours, as seems necessary. After this bath the bulbs must be thoroughly dried off, either in the shade in the open or some sheltered place, for a week or so, or until the scales begin to draw slightly apart. Plant in loamy soil covered with sand and powdered charcoal, and sift a good layer of the charcoal over the bulbs and in between the scales. In this way diseased bulbs may often be quite renewed.

**Monument to Gregor Mendel.**—On October 2, 1910, a group of naturalists and scientists met at Brunn, in Moravia, to assist at the unveiling of the monument to Gregor Mendel, whose

memoir on the transmission of characteristics written in 1866, but practically unknown until 1900, became famous as embodying "Mendel's Law of the Principles of Heredity." The monument stands on the plaza before the monastery where Mendel spent the greater part of his life, and represents the naturalist in his monk's robe, standing against a rock covered with the foliage of the plants which he studied most—the peas. Naturalists from England, Holland, Germany, Sweden, Austria, France and Italy joined to do honor to the dead scientist.

Rose Comtesse Maggie Starzynska—Tea—introduced by Paul Nabonmand, and described as follows: Flower very large, double, outer petals large, diminishing and becoming tongue-shaped as they approach the center, where a few stamens develop, giving an added charm to the perfectly formed bloom; it lasts several days in full bloom. Its color is a fine rose, madder tinted, with coppery lights and continues a shade of old rose. The buds are elongated, carmine or coppery, carried singly on a long stem.



# Full Crop of Roses

Including Beauties, Killarney, Jardine, Bride, Maid, Richmond and Uncle John

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$5 00   |
| 36-inch stem..... | 4 00     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 2 00     |
| 20-inch stem..... | 1 50     |
| 16-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100         |
|-----------------------------------------|-----------------|
| Killarney, select.....                  | \$ 6 00         |
| "    medium.....                        | \$ 2 00 to 4 00 |
| Jardine (finest pink rose), select..... | 6 00 to 8 00    |
| "    medium.....                        | 2 00 to 4 00    |
| Bride, select.....                      | 6 00            |
| "    medium.....                        | 2 00 to 4 00    |
| Maid, select.....                       | 6 00            |
| "    medium.....                        | 2 00 to 4 00    |

|                            | Per 100         |
|----------------------------|-----------------|
| Uncle John, select.....    | \$ 6 00         |
| "    medium.....           | \$ 2 00 to 4 00 |
| Richmond, select.....      | 6 00            |
| "    medium.....           | 2 00 to 4 00    |
| Carnations, fancy.....     | 2 50            |
| "    good.....             | 1 50            |
| "    splits.....           | 1 00            |
| Easter Lilies, medium..... | 12 50           |
| "    long.....             | 15 00           |
| Callas.....                | 12 00 to 15 00  |
| Tulips.....                | 3 00 to 4 00    |
| Daffodils.....             | 3 00 to 4 00    |
| Valley.....                | 3 00 to 4 00    |
| Violets.....               | 1 00 to 1 25    |
| Sweet Peas.....            | 75 to 1 25      |
| Ferns.....                 | 4 00            |

All Green Goods at market rates.

**ROSES, our selection, - \$3.00 per 100**  
**WIETOR BROS., 162 N. Wabash Ave., Chicago**

Foliage green brilliant; plant well shaped, wood strong with rather large thorns, very free blooming.

New Gladiolus Pont-de-Ceais.—This new race, which has been in process of hybridization and selection about eight years, is a hybrid of G. Colvillei and G. Nanceianus; the purpose in view has been the obtaining of a gladiolus combining the earliness and easy forcing quality of the Colvillei class and the wonderful coloring and size of the Nanceianus. Planted March 25, these gladiolus have bloomed June 15, even earlier than the Colvillei, flowers measure from four to eight inches in diameter, and show an infinite variety of color. This race should become a real commercial gain.

Smilax hybrids.—Some years ago an attractive hybrid asparagus was introduced in Germany under the name of Medeola myrifolium, the leaflets resembling those of the myrtle in size and shape; this season two new French hybrids are offered: Felix Plateau, a cross between myrifolium and the asparagoides or old type, having the leaflets narrow, very stiff, lanceolate, very elegant; Serres de Bretagne, leaflets curled like an ostrich plume, color varying from deep green to pale green, and more separated on the stem than the parents. It received a certificate of merit.

Rose Lyon-Rose (Pernet-Ducher)—Hybrid tea or Permetiana.—Introduced in 1907. Vigorous grower with spreading green branches, armed with few thorns; foliage, fine green, ample; buds rounded, large, coral red, chrome yellow at the base of the petals; flowers solitary or two or three on the same branch, large, broad-petalled, double or nearly double, globular; coloring superb, shrimp pink at the extremity of the petals, center of the flower coral and salmon red, shaded with chrome yellow, forming a marvelous contrast of colors; very fragrant; ever-blooming.

Leather from Cabbages.—The "Jewish Chronicle" states that a manufacturer has discovered a process whereby a passable imitation of leather may be manufactured from a vegetable product. The novelty owes its introduction to the enterprise of London

## Roses and Carnations

**SPECIAL PRICES THIS WEEK**

| ROSES                                   |                            | PRICE LIST                                                                                                            |                                 |
|-----------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------|
| American Beauty.....                    | per doz., \$1 50 to \$6 00 | Orchids, Cattleyas.....                                                                                               | per doz., \$7 50                |
| White Killarney.....                    | \$3 00 to \$8 00           | Gardenias.....                                                                                                        | 4 00                            |
| Killarney.....                          | 3 00 to 8 00               | CARNATIONS                                                                                                            |                                 |
| My Maryland.....                        | 3 00 to 8 00               | Special, large and fancy.....                                                                                         | per 100, 3 00                   |
| Richmond.....                           | 3 00 to 8 00               | Select.....                                                                                                           | 2 00                            |
| Extra special roses billed accordingly. |                            | Splits.....                                                                                                           | 1 00                            |
| MISCELLANEOUS                           |                            | DECORATIVE                                                                                                            |                                 |
| Orange Blossoms.....                    | \$1 00 to \$1 50           | Asparagus Plumosus.....                                                                                               | per string, \$0 50 to \$0 75    |
| Violets, double.....                    | 0 75 to 1 00               | "    per bunch.....                                                                                                   | 35 to 50                        |
| single.....                             | 50 to 75                   | Asparagus Sprengeri.....                                                                                              | per bunch, 25 to 50             |
| Sweet Peas, fancy.....                  | 1 25                       | Per 100                                                                                                               |                                 |
| medium.....                             | 75 to 1 00                 | Adiantum, fancy, long.....                                                                                            | \$ 1 00                         |
| Easter Lilies.....                      | 12 50 to 15 00             | Farleyese.....                                                                                                        | 8 00 to 10 00                   |
| Callas.....                             | 12 50 to 15 00             | Smilax.....                                                                                                           | per string, 20c; per doz., 2 00 |
| Valley, select.....                     | 3 00                       | Mexican Ivy.....                                                                                                      | per 1000, 6 00                  |
| special.....                            | 4 00                       | Ferns.....                                                                                                            | 40                              |
| Daisies, white and yellow.....          | 1 00 to 2 00               | Galax.....                                                                                                            | 1 00                            |
| Joquills.....                           | 2 00                       | Leucothoe Sprays.....                                                                                                 | 75                              |
| Daffodils.....                          | 3 00                       | Subject to Market Changes.                                                                                            |                                 |
| Paper Whites.....                       | 3 00 to 4 00               | Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors. |                                 |
| Tulips.....                             | 3 00 to 4 00               |                                                                                                                       |                                 |

## Chicago Carnation Co.

A. T. PYFER, Manager.  
Phone Central 3373.

30 E. Randolph St., CHICAGO

vegetarians, who shuddered at the thought of the number of animals that were killed annually to keep humanity in boots. The imitation leather is being used for the manufacture of boots, shoes, Bible covers, and a hundred other articles usually found in the art leather department.

Horticultural Catalogues.—A good catalogue should not be a mere list of names and prices; it should allure the reader, present the articles in an attractive aspect, bring out their merits. It should even do more in the case of the horticulturist; it should become a guide, a counselor which teaches the best species or varieties, the means of using them to best advantage and of

**U S Budlong's**  
**E Blue Ribbon Valley.**

raising them under the most favorable conditions.

Rose Auguste Rodrigues—Hybrid tea.—Plant of good vigor, foliage dark brilliant green; branches generally one-flowered, stiff and long; buds very long,

# Cut Flowers \* E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

dark blood red, calyx curiously slashed and striped; flower double, well formed; petals thick, concave, velvety when opening; color, brilliant red, center often lighter, tending to cochineal; plant extra free blooming. Etoile de France and Richmond.

Rose Gaston Bonnier—Hybrid tea.—Plant of medium size but good vigor, brownish green foliage; oval buds on firm stems; petals broad, slightly concave, pinkish white in the center and bordered with a peach blossom pink center petals, canary yellow; flower large, double, well formed; a seedling of Antoine Rivoire. Two silver medals and two certificates at Lyons.

Tuberous Begonias.—The novelties, certificated this year, include B. cristata Papilio, single flowers with a deep rose or red base, brightened with irregular white markings; Hubert Dansette, large double salmon pink flowers on cream ground; Madam Page, large double, marbled and striped pink; Duplex race, in eight colors, large flowering.—(Le Jardin.)

Rose Johanna Sebus—Hybrid tea.—Introduced in 1899. This rose is highly recommended as a vigorous grower and constant bloomer, producing flowers well into the autumn. The flower very large and double, stem very strong and bud well shaped, opening well; the color is a pretty bright cerise pink with a slight shading of yellowish salmon.

Rose Anne Duverne—Hybrid tea. Vigorous, erect stems, bearing one flower; thorns few and medium in size, dark brown like the bark; ample glaucous green foliage; pointed bud, medium in size; large flower, well formed, very double, deep salmon in the center, flesh outside. (Germaine Trochan X Beant's Lyonnaise.)

To ripen late tomatoes.—In the island of Guernsey, where tomatoes are grown on a large scale, the last green fruits are picked (after having attained their full growth, of course), and spread upon sacks in the greenhouse, and sprinkled frequently. By this simple treatment they are induced to ripen in a few days.

Rose Madame Julia Bouche—Hybrid tea.—Good grower, branches fine and stiff, bud very long, flower large, double, shapely; petals very firm, recurving as they open; color, white, shaded salmon, center shaded rose, stalk very firm. Received two medals and a certificate of merit in 1910.

Rose Petite Marcelle—Polyantha.—Very small bush, well branched, always in bloom; foliage fine dark green; corymbs of five to 10 small flowers; very double, snow white, opening well; petals numerous and narrow, imbricated like a large double daisy; extra for borders or pot culture.

Rose Helene Granger—Climbing multiflora.—Handsome, broad, shining foliage, enormous corymbs of 15 to 20 flowers, double opening well; color, yellow, coppery in the center, shaded

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, April 19.              | Per doz.            |
|---------------------------------|---------------------|
| Roses, Beauty, specials.....    | 4 60                |
| "    36 in.....                 | 3 50                |
| "    30 in.....                 | 3 00                |
| "    24 in.....                 | 2 50                |
| "    18 to 20 in.....           | 1 50 2 00           |
| Short stem.....                 | 75 2 00             |
| " Killarney.....                | 3 00 7 10 00        |
| " White Killarney.....          | 3 00 6 10 00        |
| " Richmond.....                 | 3 00 6 10 00        |
| " My Maryland.....              | 3 00 6 10 00        |
| " Cardinal.....                 | 3 00 6 0 00         |
| " Perle.....                    | 3 00 6 0 00         |
| Carnations.....                 | 2 00 6 00 3 00      |
| " fancy.....                    | 3 00                |
| Daffodils.....                  | 5 00                |
| Harrisii and Callas.....        | 1 50                |
| Jacquils.....                   | 10 00               |
| Miconette, large spikes.....    | 3 00                |
| Orchids, Cattleyas.....         | 5 00 6 7 50         |
| Sweet Peas.....                 | 75 60 1 50          |
| Tulips.....                     | 3 00 74 00          |
| Valley.....                     | 3 00 64 00          |
| Adiantum Croweatum.....         | 1 00 62 50          |
| Boxwood, per bunch 35; per case |                     |
| of 50 lbs.....                  | \$7 50              |
| Ferns.....                      | per 1000 3 50 24 00 |
| Galax.....                      | 1 25                |
| Leucothoe.....                  | 75                  |
| Pumilus String.....             | each 60             |
| Smilax.....                     | per doz. 2 00 22 50 |
| Sprenger, Plumosa Sprays.....   | 3 00 62 00          |
| Wild Smilax, 50 lb. case.....   | 5 00                |

pink at the edges; slightly lighter on opening; does not burn in the sun.

New Chrysanthemum, Berthe Lachaux.—Certificated at Paris in November, this new variety excited much interest. Japanese in form, hairy, incurved at the center of a "Cyclamen rose" color, with reverse of petals white tinted rose.

Rose Mme. Felix Boulanger—Tea.—Strong, semi-climbing, free-blooming; bud ovoid, single, well carried; flower large, very double, fragrant, opening in all weathers; color, bright yellow with deeper yellow center.

Rose Madame Lucien Picard—Hybrid tea.—Vigorous plant, large, double, well-formed flower, long bud, salmon white color; offspring of B. Chateau. Medal and certificate.

Rose Germaine Chenault—Hybrid tea.—Vigorous, upright; long buds, very large flowers, double, fragrant; salmon white, deeper in the center, sometimes shaded carmine.

Rose Eileen Loow—Dwarf polyantha.—Vigorous, shining green foliage, free

## WIETOR BROS.

Wholesale  
Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO.



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

## Budlong's E Blue Ribbon Valley.

of bloom; color, China pink merging into cream at the base of the petals.

Rose Janine Viaud-Bruant—Hybrid remontant.—Large flowers; color extremely brilliant; fragrant. Said to be most desirable for its vivid coloring.

Hydrangea cinerea sterilis.—Flowers, large, flattened, pure white umbels; leaves broadly elongated, deep green; very hardy, very floriferous.

Rose Atropurpurea—Dwarf polyantha.—Similar to the Baby Rambler but of a deeper color.



# Do You Gamble? Ask

## Milwaukee.

### BUSINESS SATISFACTORY.

The weather that prevailed during the last two weeks certainly helped the Easter stock considerably, bringing in plenty of flowers of nearly all descriptions. According to the reports from the retailers business in general was very satisfactory. There were blooming plants enough for everybody. Lily plants, although rather short in stem, sold well. Rambler roses sold the best, the wholesale growers cleaning up a week before Easter. Cut flowers were fine, the warm spell during the middle of the week played havoc with the stock which had been held back, but toward the end of the week the weather turned colder and the stock kept in fine condition. The heavy demand for red and white carnations kept them cleaned up all of the time. Enchantress were the most plentiful. Violets were fine considering the late Easter and sold well. Saturday evening found the retailers looking for them. Killarney roses were of a fine grade and sold readily, there being enough to fill all orders of both white and pink. Smilax became a little shy, the demand being rather heavy. American Beauties and Richmond were scarce.

### NOTES

Holton & Hunkel Co. report business very satisfactory with plenty of stock. The shipping business in the plant line at their Humboldt avenue greenhouse was very large as they had a large supply of blooming plants which were all cleaned up by Saturday. The lilies were grown at Brown Deer and were shipped in, arriving in fine shape. This place also supplied a considerable amount of fine Killarney roses.

Nie Zweifel had a large crop of carnations for Easter. Among them was a fine white seedling which is certainly worth while mentioning, it is as fancy a white as has been seen in this market for some time. It is known as No. 274.

Edlerson & Leidiger had a quantity of blooming plants in their conservatory adjoining their store the middle of the week, but on Saturday eve there was not anything left to sell, which tells the story.

C. C. Pollworth Co. says that business was good, selling out entirely of blooming plants which were grown for Easter. There were plenty of cut flowers to fill all orders.

E. Welke Co. had a fine Easter trade, selling out completely. A large amount of plants were handled and several large church decorations for Easter Sunday were supplied.

J. M. Fox & Son were completely sold out by Saturday noon and could have disposed of many more plants had they been able to obtain them.

Heitman & Baerman are bringing in iris, which are usually ordered in advance and are of a fine quality.

Mueller & Schroeder are cutting some fine carnations and snapdragon, which are selling readily.

M. A. McKenny & Co. had a large selection of plants for Easter and report business good.

Currie Bros. report a fine Easter trade and say they were well pleased with business.

F. P. Dilger was there with the goods as usual and his bulb stock sold fine.

## E. G. GILLETT, Wholesale Commission Florist

CONSIGNMENTS SOLICITED

131 E. 3rd St., CINCINNATI, OHIO

Manufacturers of Superior Wire Work for Florists

### Hanging Baskets

ALL SIZES, A SPECIALTY.

Must not be compared with rat trap work.

Once a customer always a customer.

GREEN SHEET MOSS and SPHAGNUM MOSS

Ohmer's Superior Florida Asparagus Plumosa, 25c per bunch the year round.

WRITE FOR CATALOGUE AND PRICES

## Wholesale Flower Markets

CINCINNATI, April 19.

|                                     |             |
|-------------------------------------|-------------|
| Roses Beauty.....per doz.           | 1 00@2 50   |
| " Bride, Bridesmaid.....            | 2 00@ 8 00  |
| " Golden Gate.....                  | 2 00@ 8 00  |
| " Killarney.....                    | 2 00@ 6 00  |
| " Richmond.....                     | 2 00@ 8 00  |
| " Pres. Tait.....                   | 3 00@ 8 00  |
| Carnations.....                     | 3 00@ 4 00  |
| Callas.....                         | 8 00@10 00  |
| Daffodils.....                      | 3 00@ 3 00  |
| Hyacinths, Dutch.....               | 4 00@ 5 00  |
| " Roman.....                        | 2 00@ 3 00  |
| Jonquils.....                       | 3 00@ 4 00  |
| Lilium Longiflorum.....             | 12 50@15 00 |
| Narcissus Paper White.....          | 3 00@ 4 00  |
| Lily of the Valley.....             | 3 00@ 4 00  |
| Sweet Peas.....                     | 75@ 1 00    |
| Tulips.....                         | 3 00@ 4 00  |
| Violets.....                        | 75@ 1 00    |
| Adiantum.....                       | 1 00@ 1 50  |
| Asparagus Plumosa.....per bunch.    | 50          |
| ".....per string.                   | 50          |
| Asparagus Sorengerii.....per bunch. | 25          |
| Smilax.....                         | 12 50@15 00 |

Visitors: B. Schneek, Waukesha; C. B. Tremain, Hartford; M. Bush, Fond du Lac, Wis.; Robt. Miller, Racine. G. R.

Cincinnati.

### EASTER TRADE SATISFACTORY

Everyone apparently seems satisfied with the Easter business. On Sunday morning, when the cut stock was sold out or low in the retailer's ice-boxes, most of them made a handsome clean up of plants. These included principally lilies, hydrangeas, American Beauty and Rambler roses and spiraeas. Many decorative plants also found buyers. Considerable pickled stock came into the wholesale houses and much of it was sold. It did not, of course, sell at the same price that first-class stock brought. The demand centered on carnations; they were offered in larger quantities than was anticipated. As a result the prices towards the end were not as stiff as was expected, white selling a little higher than the others. In roses the amount of pink and red was short of the requirements, white roses were ample at all times, but about cleaned up at the close. The gloomy predictions in a Cincinnati daily paper, of some pessimists among the local florists a few weeks ago, to the effect that lilies would be scarce at Easter time, were not fulfilled. There were plenty of them and more, too, than the retailers required. The same thing was true of callas. The jonquils were the best thing offered in bulbous stock and they sold readily at good figures. Most of the tulips showed the effects of

—THE—  
**J. M. McCullough's Sons Co.,**  
Wholesale Commission Florists.  
—CONSIGNMENTS SOLICITED.—  
Special attention given to Shipping Orders.  
—  
**Jobbers of FLORISTS' SUPPLIES**  
**SEEDS and BULBS.**  
Price List on Application.  
—  
**316 Walnut St., CINCINNATI, OHIO.**  
Phone Main 584.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT  
FLOWERS and Jobbers of  
FLORISTS' SUPPLIES.

Columbus, Ohio

holding them for the day. Some Narcissus poeticus helped out nicely. Sweet peas were a little short of requirements. Lily of the valley and marguerites were sufficient to meet demands and this was also true of greens.

### NOTES.

J. M. McCullough's Sons Co. received a lot of Easter lilies from John Karsten of Chattanooga, Tenn., that were very excellent.

Wm. Reutenschroer offered a decided novelty, at his stand in the flower market on Saturday, in the shape of chrysanthemums. The blooms were well formed.

But seven enthusiasts showed up for bowling. Their general scores were about their average. Al Sunderbruch rolled the highest score made this season by anyone in the club.

Insert Agt—1st game 2d game etc.

|                        | 1st game | 2nd game | Avg. |
|------------------------|----------|----------|------|
| Al. Sunderbruch.....   | 178      | 247      | 173  |
| Al. Horning.....       | 176      | 187      | 159  |
| Al. Heckman.....       | 172      | 205      | 169  |
| Tom. Jackson.....      | 160      | 189      | 147  |
| Lawrence Fritz.....    | 151      | 155      | 123  |
| C. H. Hoffmeister..... | 155      | 169      | 119  |
| O. H. Hoffmeister..... | 128      | 138      | 115  |

KENTON, O.—John F. Sabransky has succeeded his father, W. Sabransky, in the business here.

# Kennicott Bros. Co.

## Jasmine Buds

We Have Some Fine  
Stock for This Year

Place your orders early, as the  
crop is very short this season.  
Buds will be ready about the 8th.

\$8.50 to \$13.00 per 1000;

\$1.00 to \$1.50 per 100.

500 at 1000 rate.

Cash or C. O. D.

WRITE US, PLEASE.

**Woodward Floral Co.**  
ALVIN, TEXAS

St. Louis.

A BUSY WEEK.

The week before Easter was a busy one for all the florists, and the plant-men were extremely so, having all the business they could handle. There was a very large demand for white flowers of all kinds, and of these and similar there was a shortage in supply.

A TERRIFIC HAIL STORM.

On the afternoon of April 13 one of the most disastrous hail storms ever experienced passed over the city. The damage in the northern and western parts of the city was very large, it being estimated that 250,000 feet of glass was destroyed. The loss at Kirkwood was especially heavy, the broken glass covering and injuring the plants on the benches. The firm of C. Young & Sons Co. were the greatest sufferers in the city. Fortunately the Easter stock had been removed to the sheds, but the loss to the bedding stock is large, and the damage to the houses and stock is estimated at \$30,000 to \$40,000. W. C. Young, the manager, was completely prostrated. Among those who were damaged by the storm are J. F. Windt, Kalisch Bros., F. C. Weber, Fred Meinhardt, Koenig Floral Co., John Nyfot, Alex. Waldbart & Sons, Luther Armstrong, Hugo Gross, Oakland Floral Co., Woodbine Floral Co., Wm. Winter, Fred Ude, Adolph Ahner, Geo. Hartmann, August Hartmann and the Bentzen Floral Co.

NOTES.

The Florists' Club met April 13, there being 15 members present. J. F. Ammann gave a very interesting talk on the National Flower Show at Boston.

Otto Klinger, a 14 year old boy working for Grimm & Gorley, was run over by an automobile while delivering lilies.

The tulip display at the Shaw Gardens is a great attraction.

W. F.

ELMWOOD, CONN.—Louis S. Barton of Milford has purchased twenty-three acres of land and will at once build greenhouses and establish a wholesale florist business.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

### Wholesale Flower Markets

|                                |             |
|--------------------------------|-------------|
| St. Louis, April 19.           |             |
| Roses, Beauty, long stems..... | 40 00@50 00 |
| "    "    medium stems.....    | 20 00@25 00 |
| "    "    short stems.....     | 2 00@4 00   |
| "    Bride, Bridesmaid.....    | 5 00@8 00   |
| "    Killarney.....            | 5 00@8 00   |
| "    My Maryland.....          | 5 00@8 00   |
| "    Richmond.....             | 5 00@8 00   |
| Carnations.....                | 3 00@4 00   |
| Easter Lilies.....             | 12 50@15 00 |
| Valley.....                    | 3 00@4 00   |
| Adiantum.....                  | 1 25        |
| Asparagus Sprengerii.....      | 2 00@3 00   |

MILWAUKEE, April 19.

|                             |            |
|-----------------------------|------------|
| Roses, Beauty.....per doz., | 1 00@2 50  |
| "    Bride.....             | 4 00@8 00  |
| "    Killarney.....         | 4 00@8 00  |
| "    Richmond.....          | 4 00@8 00  |
| "    Kaiserin.....          | 4 00@8 00  |
| Carnations.....             | 1 50@2 00  |
| Dafodils.....               | 50         |
| Lilium Giganteum.....       | 8 00@12 50 |
| Lily of the Valley.....     | 3 00@4 00  |
| Mignonette.....per doz.,    | 50@75      |
| Munich Tulips.....          | 4 00       |
| Snagdragons.....per doz.,   | 1 00@1 50  |
| Sweet Peas.....             | 50@1 00    |
| Trumpets.....               | 3 00       |
| Tulips.....                 | 5 00       |
| Violets.....                | 50@75      |
| Adiantum.....               | 1 50       |
| Asparagus.....per string,   | 50         |
| "    Pinnatus, per bunch,   | 35@        |
| "    Sprengerii.....        | 35         |
| Boxwood.....per bunch,      | 25         |
| Ferns, Fancy.....per 1000,  | 4 00       |
| Galax.....                  | 1 50       |
| Magnolia.....per bunch,     | 35         |
| Wild Smilax.....per case    | 5 00       |

### Stevia and Gypsophylla.

Will you inform me how to propagate and grow stevia serrata? Can gypsophylla be grown in the greenhouse? The Begonia Rex plants are dropping their leaves. Does it injure their leaves to wet them?

SUBSCRIBER.

Stevia serrata can be grown either from seeds or cuttings, but the latter is preferable, for they root very easily and the plant produces plenty of cuttings. The cuttings should be rooted in the spring and potted. The dwarf varieties can be planted in the field, but the taller growing varieties are more easily handled in pots, being shifted as they may require it, the pots being plunged in the open ground—the growth is so soft that they do not lift readily. The plants should be kept pinched back until mid-summer that they may be made to branch. The tall plants will have to be tied to stakes to protect them from heavy rains and winds. In the fall they should be potted in their blooming pots, and grown in a cool house. By keeping some of the plants very cool the season of bloom can be greatly extended. Gypsophylla paniculata can be bloomed in the greenhouse but commercially it would not pay, as it would require too long a time to bring it into flower. It most certainly injures the leaves of Begonia Rex to wet them, especially if they are in a house where the sun shines on them, as the leaves

**WM. C. SMITH**  
Wholesale Floral Co.  
WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.  
Supplies and Everything in Season always on hand  
Mention the American Florist when writing

## CHIFFONS

(About 35 to 40 yards to piece.)  
Plain (any color), 4 in. wide.....3c yard  
6 in. wide.....4c yard  
10 in. wide.....6c yard

GED. H. ANGERMUELLER, Wholesale Florist,  
1334 Pine Street, ST. LOUIS, MO.

## H. G. BERNING

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## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

will spot and rot. If the whole leaf is dropping off, the plants are either receiving too much water or grown in too cool a temperature. W.

NEW CUMBERLAND, PA.—John A. Kepner has been petitioned into involuntary bankruptcy. Assets to the amount of \$50,000 are claimed, with liabilities of \$41,000.

FALL RIVER, MASS.—The local florists' association has asked Mayor Higgins to obtain from the city solicitor an opinion as to the right of the board of park commissioners to sell flowers and plants to persons other than those who have perpetual care lots in the cemeteries. The florists object to the practice, claiming it is injuring their business, and that where flowers and plants are sold by the city, the men employed at the cemeteries water and take care of them, but will not care for those purchased from the florists.



# WELCH BROTHERS, Asparagus Plumosus Nanus

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonable stock.

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

## Boston.

### AN OVERSUPPLY OF STOCK.

King Richard, on the battlefield cried, "My kingdom for a horse!" The florists in modern Athens on Saturday morning were crying for an outlet for the surplus stock which they had on hand. Trade all the week was slow, some of the salesmen saying it was hard to move anything. The wholesalers report a good shipping trade on Thursday and Friday, but the market Saturday was like the "charge of the six hundred." Those who had contracts, or orders, at a stated figure were lucky, but they were the exception and not the rule. It seems to be an instinct of mankind to go after the "almighty dollar," and in some to get it at any price, but it seems poor business to hold stock until it is in the last stages of decay, being so timed as to last only a day or so. Abraham Lincoln told about fooling the public some of the time, but the trade often gets a black eye by giving nothing for something. It is not many years ago that a certain magazine advised its readers to take the flower money at Christmas and buy candy. About two years ago a prominent man in the G. A. R. advocated artificial instead of natural flowers for Memorial day, his reasons being the high prices and the poor quality. Such things hurt and hurt seriously. They hurt the wholesaler and the retailer and rebound on the grower. The dollar that is honestly made is good to its possessor, but the one not honestly obtained is, in the long run, the opposite. The only scarce article on the market was smilax. The market was cleaned out so quickly that the holders did not have time to raise the price before they became aware that the supply was exhausted. There is very little of it grown now, asparagus having the past few years largely taken its place. The opinion of many is that Easter of 1911 will go down as having seen the biggest glut, especially in carnations, of any year.

### NOTES.

Mayor Fitzgerald has asked for an appropriation to build greenhouses for the cultivation of flowers, which will be open to the public, and it has been referred to a committee. This may be a result of the late show. Mr. Fitzgerald is a lover of flowers, and his plans are to have the houses built in one of the park systems. This will hold up his motto of a "Bigger, Better and Busier Boston," and give many a poor tenement child a chance to see nature under greenhouse conditions, which otherwise they would never have.

Mr. A. Patten & Co., Tewksbury, report having a great call for carnation plants; that orders have been refused the last week, the sales have been so large. Mr. Patten has a red carnation of which he expects great things. This is another carnation expert who has built up his business on clean business methods and who rightly holds a high place in the esteem of the trade. Anything with the Patten trade-mark means quality.

The retail stores were full of beautiful stock and the windows were nicely arranged. Galvin had an elegant display in his Tremont street windows, Comley and Zinn each had a good show. Penn had an extra store for a sale on Dorothy Perkins roses in pots, and their usual sale on violets.

## Wholesale Flower Markets

| BOSTON, April 19.         |    | Per 100   |
|---------------------------|----|-----------|
| Roses Beauty, best        | 25 | 00/25 00  |
| " " medium                | 15 | 00/25 00  |
| " " culls                 | 2  | 00/2 40   |
| " Bride. Bridesmaid       | 4  | 00/2 00   |
| " " Extra.                | 4  | 00/2 80   |
| " Killarney and Richmond. | 2  | 00/2 80   |
| " My Maryland.            | 2  | 00/2 80   |
| " Carnot.                 | 2  | 00/2 80   |
| Carnations, select        | 1  | 00/2 20   |
| " fancy                   | 2  | 00/2 30   |
| Callas                    | 8  | 00/212 00 |
| Cattleyas                 | 2  | 00/2 00   |
| Gardenias                 | 15 | 00/25 00  |
| Lilium Longiflorum        | 8  | 00/210 00 |
| Lily of the Valley        | 2  | 00/2 40   |
| Violets                   | 2  | 50/2 00   |
| Smilax                    | 12 | 00/216 00 |

Robert Doherty, of West Medway, is to erect a house for carnations 26x100 his specialties are carnations and snap dragon, both of which he grows well, shipping the stock to Welch Bros.

Mrs. Robert Montgomery, Natick, has been taken to the hospital, ill with the disease from which her husband is just recovering.

John MacFarland of North Easton had a large shipment of gardenias, which he grows as well as any grower we have seen.

The Waban Rose Conservatories marketed some excellent Killarneys and American Beauty roses.

The wholesalers were too busy to mention trades. Call next week, was the greeting.

Thos. Roland had his usual quota of excellent pot plants of all kinds.

Peirce Bros. brought in some elegant azaleas.

Weather springlike.

MAC.

## Glen Cove, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke Hall Wednesday evening, April 12. President Trepass in the chair and with a good attendance. The result of the competition for the society's prizes was as follows: 12 mixed carnations, James MacDonald, first; one calceolaria, Alexander MacKenzie, first; flowering shrub, Alexander MacKenzie, first. Certificates of culture were awarded to Wm. Eccles for vase of mixed carnations, and J. W. Everett for gardenias. Honorable mention to James MacDonald for antirrhinums, George Dorber for mushrooms, and vase of mixed roses. Geo. Dorber, G. Barton, R. Wright and E. Westlake were appointed judges. Harry Jones, Thos. Rolley and Andrew MacHenry were elected to active membership. A. MacKenzie, J. W. Everett and Geo. Dorber spoke as to the methods of culture of their exhibits, which were of great interest and benefit.

It was decided to hold the fall exhibition on November 1-2. The executive committee were requested to draw up a preliminary schedule for the fall show to be presented at the next meeting and also one for the rose show which is to be held at the June meeting. J. Ingram offered a prize of \$5 for sweet peas, 24 varieties, 12 of each. W. A. Sperling, of Stump & Walter Co., offered \$5 for a prize for tulips for the May meeting, six varieties, six of each.

Messrs. Ingram and Sperling were very heartily thanked for their generous offers. E. WESTLAKE, Secy.

## TRY MY PRICES.

J. JANSKY, Tel. Main 3552-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Vases \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10-lb., \$1.75 per doz.; 12-lb., \$2.25 per doz.; 14-lb., \$3.00 per doz.; 16-lb., \$4.50 per doz. Laurel Trimming, 1 and 5c per yard.

## Pittsburg.

### A SATISFACTORY EASTER BUSINESS.

This Easter was very similar to the usual Easter except that stock seemed more plentiful and consequently lower prices prevailed; in fact, some of the stores advertised "no raise in prices," and carried it out. The market on lilies around Easter is as variable as curb mining stocks, and a range of from six to 15 cents is about as nearly correct as one can state. There were far more lilies on this market this year than last and they also cleaned up better. There was an immense lot of potted ones handled—in fact all potted plants had a larger run than usual. The next flower in importance seemed to be the violet, which always cleans up at Easter, and they were much better than one would expect this late in the season, very few complaints being heard. Roses were more in evidence than ever, the wholesalers being very long on white. American Beauties sold well and brought as high as \$7.00 per dozen. Lily of the valley, as usual, cleaned up nicely, as well as sweet peas, and there were some fine specimens of the latter. Bulb stock was not very much in evidence, with no regrets. Smilax was one thing that was not plentiful and the big demand for this green seemed to magnify the call for it. Taking it all around, everyone is satisfied, as one was able to handle good stock and sell at very reasonable prices with the usual profit. The increased demand for potted plants is more noticeable each year.

### NOTES.

The Easter display of the local retailers easily eclipses any shown before. The Easter displays of the Phipps Conservatories are up to their usual standard, as attested to by the thousands who flock there.

Chas. Dougherty, McKeesport, had the misfortune to have his greenhouse, which was stocked with Easter plants, burn down just a few days before Easter. None of the plants were saved.

Quite a number of florists are now located on Penn avenue in East Liberty, two new ones opening before Easter.

Frank Faulk has been very ill lately, and was just able to get out and help a little during the Easter rush.

Lorch & Hoffmeister opened their new store at 402 Smithfield street, April 14.

De Forest Ludwig spent a few days at home recently.

J.

LEAVENWORTH, KAN.—The terrific tornado which passed over the states of Oklahoma and Kansas, April 12 destroyed much greenhouse property. In this city hailstones as large as hen's eggs fell during the storm, and the greenhouses at the Soldiers' Home and St. Mary's academy were demolished and the valuable collection of palms at the home, it is feared, were ruined.

When in the Market for

# Beauties, Richmond, Killarney, Maryland

State your price—YOU will be pleased with the good value we are giving in Roses.

THE LEO NIESSEN CO..

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

Philadelphia, Pa.

## Philadelphia.

## AN INCREASED EASTER BUSINESS.

The great rush of Easter is over, and all in the trade vote "aye" to the motion that they are glad of it. Expectations have for the most part been realized. There was a large demand, which was, however, quite equalled by the supply. The volume of business was perhaps a trifle greater than last season, just a natural growth to keep pace with the newer stores and facilities for handling the same. The most attractive plants in the stores were the pink Rambler roses, the Tausendschon, Lady Gay, Dorothy Perkins, and the darker Hiawatha. The trained forms of the Lady Gay as pyramids and the spreading umbrellas on single stems about four to five feet high with their pendent clusters of flowers were among the first things picked out and all brought fancy prices. The Tausendschon in all sizes were also good sellers and it has gained a place as one of the standard varieties for Easter. Mrs. Cutbush and Annie Muller were largely used in basket work. Plants of these and similar varieties well flowered in four or five-inch pots should be a good crop as they are invaluable for giving grace and color to these arrangements. One of the artists, in speaking of baskets, said that they are certainly very pretty and add variety to the Easter stock, but it is a question whether there is any money in them. The profit is very little if any greater than on plants of the same value, while their preparation at this busy season always takes a lot of valuable time of one or two of the best men. They are also more difficult to handle in delivery than plants. The lily crop was ample, but in many cases the plants were under size, and not very heavily budded, the made up pans with from 15 to 25 buds were popular and sold very well. There was a splendid stock of hydrangeas; they were never finer than this season. Azaleas also sold as well as usual; there was a dearth of small sizes, plants that wholesaled at \$1 to \$1.50 and many more could have been handled. Genistas were scarce, what few good ones were offered were quickly picked up, medium priced, well flowered genistas are sure sellers and if one grower would turn his attention to this stock he would surely find sale for it. Gardenias in pots were also in demand and very few were left over. Spireas, which are a big eye-fall for the money, sold very well. When stocking up, the tendency of the buyers is to take on a goodly supply of the large showy plants and as a rule quite a few of these high priced beauties are generally found in the list or inventory taken on the Monday following. This is the case this year, the remaining stock in the central stores being in this class. There was a fair demand for cut flowers, the stock was good, with very little increase in prices that prevailed the past two weeks. The best Easter lilies were the Eastern stock which outclassed the local supply in quality and were well worth the two and a half a hundred more. Southern daffodils were seen in quantity and were handled largely by the street men. Violets were in great demand,

## Wholesale Flower Markets

| PHILADELPHIA, April 19.            |    |    | Per 100 |
|------------------------------------|----|----|---------|
| Roses, Beauty, extra.....          | 50 | 00 | 25 00   |
| " " first.....                     | 25 | 00 | 25 00   |
| " Brides and Maids.....            | 6  | 00 | 15 00   |
| " Killarney.....                   | 4  | 00 | 25 00   |
| " White Killarney.....             | 4  | 00 | 15 00   |
| Callas.....                        | 8  | 00 | 10 00   |
| Cattleyas.....                     | 25 | 00 | 25 00   |
| Daffodils.....                     | 2  | 00 | 3 00    |
| Forget-me-nots.....                | 2  | 00 | 4 00    |
| Gardenias.....                     | 2  | 00 | 24 00   |
| Lilacs.....                        | 75 | 10 | 10 00   |
| Lilium Harriet.....                | 10 | 00 | 215 00  |
| Lily of the Valley.....            | 3  | 00 | 2 50    |
| Mignonette.....                    | 5  | 00 | 2 80    |
| Snapegrasses.....                  | 10 | 00 | 25 00   |
| Sweet Peas.....                    | 40 | 00 | 25 00   |
| Violets.....                       | 50 | 00 | 75 00   |
| Adiantum.....                      | 1  | 00 | 2 15 00 |
| Asparagus.....                     | 50 | 00 | 20 00   |
| Smilax.....                        | 15 | 00 | 20 00   |
| Pittsburgh, April 19.              |    |    | Per 100 |
| Roses, Beauty, special.....        | 35 | 00 | 25 00   |
| " " extra.....                     | 20 | 00 | 25 00   |
| " " No. 1.....                     | 15 | 00 | 20 00   |
| " Bride, Bridesmaid.....           | 4  | 00 | 10 00   |
| " Chateaux.....                    | 4  | 00 | 10 00   |
| " Killarney.....                   | 4  | 00 | 10 00   |
| " My Maryland.....                 | 4  | 00 | 10 00   |
| " Richmond.....                    | 4  | 00 | 10 00   |
| " Chateaux.....                    | 3  | 00 | 5 00    |
| Cattleyas.....                     | 50 | 00 | 25 00   |
| Lilium Longiflorum.....            | 10 | 00 | 12 00   |
| Lily of the Valley.....            | 4  | 00 | 4 00    |
| Paper Whites.....                  | 3  | 00 | 2 00    |
| Romans.....                        | 2  | 00 | 2 00    |
| Sweet Peas.....                    | 50 | 00 | 1 00    |
| Violets.....                       | 50 | 00 | 1 00    |
| Adiantum.....                      | 1  | 00 | 1 50    |
| Asparagus Sprenger, per bunch..... | 50 |    |         |
| " " strings.....                   | 50 |    |         |
| " " sprays.....                    | 50 |    |         |
| Smilax.....                        | 15 | 00 |         |

but were disappointing, the quality being very poor.

## NOTES.

A great many plants were sold on the streets, the city hall pavements were crowded with stock, which was all cleared out before Saturday night was very far advanced. The department stores also handled a good many plants and towards the last sold them very cheap, marking plants that had been selling for \$2, down to 25c.

Alexander Scott, of Robert Scott & Son, said that last week's cut of roses of all kinds totaled over 40,000 blooms, and the plants in quite a number of the houses were not in crop. There should certainly be something doing here when all the houses get to going. In last week's letter Berger Brothers were quoted as architects of a wonderful floral church. This was an error. Wm. Berger of Germantown having had the construction of this piece.

K.

## Dipladenias.

A very pretty flowering summer plant is the dipladenia, which when grown in covered with beautiful funnel-shaped flowers having a remarkable range of color, being especially rich in rosy shades, with throats brilliantly covered with yellow. While the plants are classed with the climbers and are allied to the allamanda, yet some species are naturally erect bushes, at least when young, and can be grown and bloomed as very handsome pot plants. The cuttings should be propagated in winter, and should

## FANCY

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2½-in. pots \$5.00 per 100; 3-in. pots \$8.00;  
4-in. pots in bud and bloom, fine plants,  
\$10.00 per 100.  
Poinsettias, strong, healthy stock plants,  
\$6.00 per 100.

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## U S Budlong's E Blue Ribbon Valley.

be made from well-ripened wood inserted in sand with brisk bottom heat. When rooted they should be potted in soil consisting of fern root with some sharp sand added. They should be then placed in a light airy house without shade and watered carefully. The plants are slow growers and will make fine specimens the second year. The young stock can be planted outdoors, being careful not to set the crowns too deep; and before frost, lifted and brought into the house. The water supply should be gradually reduced during November and used sparingly until it is desired to start the plants into fresh growth. They do not require a hot steaming house but a cool airy location in a temperature of 50 to 60°. They should be frequently sprayed during the growing period to keep down insects. As soon as the season of blooming is past the plants should be cut back and allowed to rest by gradually withholding water.

BIRMINGHAM, ALA.—A. J. Koenig has fitted up the store at 318 North Twenty-first street and an opening was held April 10.



## New York.

## AN IMMENSE EASTER BUSINESS.

This was one grand Easter so far as the plant and flower trade were concerned. The weather was a little squally at times during Saturday and Sunday, but never became bad enough to interfere with business. A little snow even came in on Sunday morning, but this was soon followed by sunshine and cool and pleasant weather was the rule. Never before was such a huge volume of business done, and never before was there seen such an immense stock of material. Looked at from an individual standpoint, business did not seem to be more than ordinary, because there were lots of flowers left on hand when the wholesale stores closed their doors on Sunday, but the almost unlimited sources from which come the supplies for this market preclude all possibility of a general clean up, either at Easter or at any other time, hence we repeat that while there was plenty of stock on hand after the rush was over, business was good and, when the returns are all in, will be considered as very satisfactory indeed. The early morning market of the Cut Flower Exchange on Saturday gave a clear indication of what was coming. Stock of all sorts was extremely plentiful and no boosting of prices was attempted. Buyers were there on business bent and everything moved off in short order. All throughout the day Twenty-eighth street was an animated scene, something doing all day, and all night, too, for that matter, for it was not until well after daybreak on Sunday that the wholesale men could leave their stores and go get a bite to eat—theirs is surely a strenuous lot at these holiday seasons. But while stock was being moved out steadily during the 24 hours, there was a seemingly constant stream of increasing shipments, and some dealers declared that it was puzzling to realize where it all came from, there seemed to be no end to it. The things that were in the shortest supply, and which consequently cleaned out satisfactorily all around, were cattleyas, good grade violets, lily of the valley and pink sweet peas. Of these it may safely be said that the supply was not equal to the demand. Cattleyas brought 60c and 75c; violets 75c per 100; lily of the valley, \$4.00 per 100. With the exception of these four items prices on all cut flowers were no better than had been prevailing for some time. Lilies ranged at all prices between 4 cents and 12 cents each, there were all grades and there must have been upwards of 100,000 in the market. We thought we had seen lilies plentiful at other Easters, but there was never a dealer of them like this seen before, no wonder there were many left over. Roses, too, came in a regular flood, many of them unexpected and some few of them a trifle weary with age. Special American Beauties were in rather poor demand and were among the left-overs to quite an extent. Forty cents each was as high as we heard quoted anywhere, and we are under the impression that among those which were sold there were more that realized 25c each than 40c. Bride, Bridemaids, My Maryland, Killarney and white Killarney, were all very, very numerous, many were disposed of, and many remained unsold. Ten cents was about the top asking price and eight cents was the taking price as a rule, and from this figure they were available at any price down to \$1.00 per 100, according to the grade. Brunners were not so plentiful, neither were Richmonds, hence these two sorts cleaned out better than other varieties of roses. Carnations, also, were right in crop, they could not all be cleaned out no matter how cheap they had been offered. Four dollars per hundred only was asked for the

best, so it was not high prices that caused some of them to be left over, it was simply a case of too many. While violets were not perhaps what may be called very plentiful compared with what has been seen at previous Easters, there was a fairly good supply came in, unfortunately the really good ones were very much in the minority and they only brought the price mentioned above. The bulk of the stock went to the peddlers and did not realize much, if any, over \$2.50 per 1,000. Gardenias were too plentiful. Long stemmed flowers of these can usually be moved fairly satisfactorily, but let an unusual quantity of short stemmed blooms appear on the market, they soon find their way into the hands of the street peddlers, it would seem that the gardenia supply can be glutted with a lesser number of blooms than can that of any other flower. All available small bulbous stock was in good demand. There was a limited supply of Lillium candidum, of L. rubrum and L. alba there were plenty to supply all wants. Marguerites, both white and yellow, were plentiful and very good. Snapdragon of splendid quality was available and brought from \$1.00 per bunch upward. Mignonettes, wall flower, trailing arbutus, lilacs and other miscellaneous stock helped to fill up the corners. We must not forget to mention single violets; these were in good demand and fetched 75c per 100, just as much as the best doubles. Among the varieties in cut flowers were a few gladioli and white and yellow lilies.

Since Easter Sunday the wholesale cut flower business has been quite slow and prices have weakened along all lines. Some of the retailers have been quite busy with wedding affairs but so vast is the amount of stock coming in daily that a few extra weddings do not seem to affect the market in the least. Lilies and roses are, we believe, the two hardest propositions with the wholesale men. Clearances are out of the question for the time being.

## NOTES.

Quite a nice little exhibition of cut flowers and plants was that given by the Horticultural Society of New York on April 12 in the Museum of Natural History building. Prizes were given only to private gardeners. J. Canning, Ardley, N. Y., showed three splendid plants of hybrid calceolarias, also a new impatiens, the result of a cross between I. oliveri and I. sultana. Among trade exhibitors were John Lewis Childs, with several varieties of richardias and Lager & Hurrell with a plant of Miltonia Bleuana, a beautiful, large flowered white variety. In connection with the show, Mr. Southwick, of the New York Parks, gave an illustrated lecture on "Hyacinths."

The auction rooms had their harvest during the few days preceding Easter. Sales were held several days in succession, and the quantities of flowering plants thus disposed of to suburbanites who believe anything at auction is a bargain, is truly remarkable. Some of the Bermuda cut lilies were seen at the Trent Auction Co.'s rooms,—the stems are too short for them to be of any use to the trade.

The Florists' Bowling Club have secured quarters at "Thums," corner Thirty-first street and Broadway, and from now on bowling will be in order every Friday evening. Commencing with May, a record of scores will be kept and those showing the best form will be selected to represent the club at the annual tournament which will take place in Baltimore next August.

Go where you would about the city, the wagons of the plant peddlers were in evidence, and my how these professional hucksters can shout! They sure arouse the neighborhood with their cries of "Fi-Flowers!" Theirs is mis-

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E Blue Ribbon Valley.

sionary work indeed, and no doubt highly profitable, too.

Union Square on Easter Sunday was turned into a public plant market. The broad walks along the sides were almost covered with plants, this stock coming mostly from the Queensboro Bridge wholesale market. Business was good and the plant speculators reaped a big harvest.

The annual stockholders' meeting of the Cut Flower Exchange takes place on May 6. Officers and directors are to be elected and no doubt a substantial dividend will be declared by this prosperous association.

The early morning plant market, under the arches of the Queensboro bridge, Fifty-ninth street, is in full swing every morning and will continue until Memorial day, perhaps all through the summer.

Alex. McConnell will move May 1 to 611 Fifth avenue, two blocks north of his present location. Mr. McConnell had the Tilford wedding work in St. Thomas Church, April 18, which was quite elaborate.

W. Bluthgen, Jr., grower, Hudson Heights, N. J., had the misfortune to lose his dwelling, and part of his greenhouses, by fire, April 7. He carried but \$1,000 insurance.

Chas. Thorley will vacate his present store, corner Twenty-eighth street and Broadway, and go to No. 10 West Twenty-eighth street, May 1.

Retailers all report excellent Easter trade. Plants sold well and flowers, not being pushed too high in price, did very well also.

The plant auction rooms are very busy places these days. Daily auction sales have been the rule this week.

A. Le Mout, the old-time Bowery florist, has moved to No. 202 Bowery, a little north of his old location.

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**Wholesale Flower Markets**

| NEW YORK, April 19.              |              |
|----------------------------------|--------------|
| Res. Beauty, special.....        | 20 00@ 35 00 |
| extra and fancy.....             | 10 00@ 20 00 |
| No. 1 and No. 2.....             | 2 00@ 6 00   |
| Bride, Bridesmaid, special.....  | 5 00@ 8 00   |
| extra and fancy.....             | 3 00@ 4 50   |
| No. 1 and No. 2.....             | 1 00@ 2 00   |
| Killarney, My Maryland, and..... | 4 50@ 8 00   |
| extra and fancy.....             | 3 00@ 4 00   |
| No. 1 and No. 2.....             | 1 00@ 2 00   |
| Richmond.....                    | 1 00@ 10 00  |
| Callas.....                      | 1 00@ 3 00   |
| Carnations.....                  | 8 00@ 10 00  |
| Cattleyas.....                   | 35@ 75       |
| Gardenias.....                   | 1 00@ 4 00   |
| Lilium Longiflorum.....          | 4 00@ 6 00   |
| Lily of the Valley.....          | 2 00@ 4 00   |
| Narcissus P. White.....          | 1 00@ 2 00   |
| Yellow.....                      | 1 00@ 2 50   |
| Roman Hyacinths.....             | 1 00@ 1 25   |
| Sweet Peas..... per doz. bchs.   | 60@ 1 25     |
| Tulips.....                      | 1 50@ 3 00   |
| Violets.....                     | 70@ 50       |

| BUFFALO, April 19.             |              |
|--------------------------------|--------------|
| Roses, Beauty, special.....    | Per 100.     |
| fancy.....                     | 40 00@ 50 00 |
| extra.....                     | 25 00@ 30 00 |
| No. 1.....                     | 15 00@ 20 00 |
| No. 2.....                     | 10 00@ 15 00 |
| Bride Maid, Killarney.....     | 4 00@ 6 00   |
| Killarney, White and Pink..... | 5 00@ 12 00  |
| Carnations.....                | 2 50@ 5 00   |
| Callas.....                    | 10 00@ 12 50 |
| Daisies.....                   | 1 00@ 1 50   |
| Double Von Sion.....           | 2 00@ 3 00   |
| Lilium Longiflorum.....        | 12 00@ 15 00 |
| Lily of the Valley.....        | 3 00@ 4 00   |
| Mignonette.....                | 3 00@ 5 00   |
| Myosotis, per bunch.....       | 10@ 25       |
| Sweet Peas.....                | 75@ 1 25     |
| Trumpet Major.....             | 2 00@ 3 00   |
| Tulips.....                    | 2 50@ 3 00   |
| Violets.....                   | 75@ 1 25     |
| Adiantum Croweatum.....        | 75@ 1 50     |
| Asparagus, per bunch.....      | 35@ 50       |
| Asparagus Sprengeri.....       | 35@ 50       |
| Asparagus Str.....             | 50@ 60       |
| Ferns..... per 1000.....       | \$3 00       |
| Galax, green and bronze.....   | 1 50         |
| Leucothoe Sprays.....          | 75           |
| Similar.....                   | 15 00        |

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# Fancy Ferns, - \$2.50 per 1000



|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| New Crop Galax, Bronze or Green.....            | \$1.25 per 1000; 10,000 \$7.50             |
| Sphagnum Moss, large bales.....                 | \$1.25; 6 bales, \$7.00. Extra Fine        |
| Leucothoe Sprays, Green and Bronze.....         | \$1.00 per 100; \$7.50 per 1000            |
| Boxwood.....                                    | per bunch, 35c; 50-lb. case, \$8.50        |
| Magnolias, Brown and Green, Imported stock..... | per basket, \$2.50; 6 baskets, \$2.00 each |

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,  
All Phone Connections.

38-40 Broadway,

DETROIT, MICH.

NOW READY FOR SHIPMENT.

## Southern Wild Smilax

Can fill all orders, large or small, promptly,  
on receipt of same.

Give us a trial. We know we can please you.

Galdwell the Woodsman Co., Evergreen, Ala.

ROCHESTER, N. Y.—E. C. Campbell has opened a new flower store at 9 North street, the management of which will be under F. Albert, formerly in business on East avenue.

NEW YORK, N. Y.—The Wall Street Floral Co. has been incorporated to deal in flowers, plants, shrubs, etc., with a capital of \$10,000. The incorporators are Philip M. Brimberg, Brooklyn; Jacob Ansbacher, and Esther Freed, New York.

ORDER YOUR  
**WILD SMILAX**  
AND ALL OTHER  
**DECORATIVE GREENS**  
FROM  
**GEORGE M. CARTER**  
EVERGREEN ALABAMA  
THE QUICKEST  
SHIPPER

PHILADELPHIA, PA.—The florists of the Reading Railroad are planting the flowers at the stations on the Bethlehem branch. Over 200,000 bulbs have been prepared by the company for this purpose.

## George Cotsonas & Co.

Wholesale and Retail Dealers  
in all kinds of  
**Evergreens**



Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.,



Delivered to all parts of United States and Canada  
127 W. 28th St., bet. 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

## Southern Wild Smilax

Now ready for shipment.

Perpetuated and  
Natural Sheet **MOSES**

Satisfaction guaranteed.

E. A. BAYEN,

Evergreen, Ala.

# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.

— Deliveries in —

NEW YORK, LONG ISLAND and NEW JERSEY.  
Mention the American Florist when writing



2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.  
Mention the American Florist when writing

New York.



2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.  
Mention the American Florist when writing

New York and Washington, D.C.

**J. H. Small & Sons**  
FLORISTS

New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.  
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Indianapolis, Ind.

**Bertermann Bros. Co.**  
FLORISTS

.....241 Massachusetts Ave.  
Mention the American Florist when writing

St. Louis, Mo.



**Floral Designs**  
a Specialty

LONG DISTANCE  
Phones: BELL, TYLER 1104  
KIN., CENTRAL 4131

Grand Ave. and Palm St.

.....Wagon and Automobile Service.

**Washington,**  
D. C.

14th and H Street

Also

1601 Madison Ave.

**Baltimore, Md.**

J. DAN BLACKSTONE

Chicago.

**A. LANGE,**  
25 E. MADISON ST.



FROM NEW YORK EXCEPT AS NOTED.

April 25.

Moltke, Ham.-Amer., Hoboken Pier.  
Ryndam, Holl.-Amer., Hoboken Pier.  
Kaiser Wilhelm der Gross, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
FROM BOSTON, Zealand, White Star, Charlestown Pier.

April 26.

Campania, Cunard, Piers 54 and 56, North River.  
FROM ST. JOHN, N. E., Lake Erie, Allan.

April 27.

Carpathia, Cunard, Piers 54 and 56, North River.  
La Savole, French, 10 a. m., Pier 57, North River.  
FROM ST. JOHN, N. E., Lake Manitoba, Can. Pacific, 12 noon.

April 28.

FROM PHILADELPHIA, Menominee, Red Star, 10 a. m.

April 29.

Chicago, French, Pier 54, North River.  
Caledonia, Anchor, 9 a. m., Pier 54, North River.  
Koenig Albert, No. Ger. Lloyd, 11 a. m., Hoboken Pier.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Mention the American Florist when writing

Kansas City, Mo.

**WILLIAM L. ROCK**  
Flower Co.

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on Telegraphic Order.

11 NORTH PEARL STREET.

Mention the American Florist when writing

Omaha, Neb.

**Hess & Swoboda**  
FLORISTS,

1415 Farnum St. TELEPHONES 1801 and L 1883

Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.



# DESIGNS 'OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

## Young & Nugent

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out of town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

## Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.  
Telephone 247.

We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

## Dallas, Texas.

**The Texas Seed and  
Floral Company**  
Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

## Washington, D. C.

**GEO. H. COOKE**

FLORIST

Connecticut Avenue and I Street.

## Rochester, N. Y.

**J. B. KELLER SONS,**  
FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506. Long Dist. Bell Phone 2189

## St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery  
in this section from the

## LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

**Geo. M. Kellogg  
Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either  
Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

## Boston, Mass.



## "Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET.

## Denver, Colo.

**The Park  
Floral Co.**

1643 Broadway  
J. A. VALENTINE, President.

## Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

## Dayton, O.

**Matthews,**

—FLORIST—

16 W. 3rd Street.

Flowers in any arrangement for all occasions,  
for Dayton and vicinity. Long dis. Phones

## THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.



## New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

## Nashville, Tenn.

**Gemy Bros.** LEADING  
FLORISTS  
212 Fifth Ave. No. NASHVILLE, TENN

## New York.

Established 1849

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones: 1552-1553 Columbus. Choice Cut Flowers  
Mention the American Florist when writing

## Louisville, Ky.

Established 1880

Orders for delivery in this city and every city  
in United States and Europe solicited by

**M. D. REIMERS**

Successor to Chas. W. Reimers.

.....223 S. Fourth Avenue  
Mention the American Florist when writing

## New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS.

158 EAST 110TH STREET:

Bet. 3rd and Lexington Aves. Tel. 5633 Harlem.  
Mention the American Florist when writing

## Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance Phone.

Mention the American Florist when writing

**M. C. Bowe**

IN THE HEART OF NEW YORK CITY

Phone 6404 Madison Sq. 60 West 33d St.

Our Motto—THE GOLDEN RULE.

Mention the American Florist when writing

## Cedar Rapids, Iowa.

**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut  
Flowers in Iowa and the Middle West.

Mention the American Florist when writing

## Rockford, Ill.

**H. W. Buckbee**

## Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

## Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON  
D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874, Incorporated 1909.

Denver, Colo.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.

CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

FLORISTS.

Phones: Home 1388, Cumb. Main 1388 A.

.....634 Fourth Avenue.

New York.

Established 1874.

**DARDS**

N. E. Corner 44th St.

and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Mention the American Florist when writing

Michigan.

Orders will be carefully  
cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

City Index to Retail Florists

Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N Pearl St.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Cornhill St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Canger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Texas—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg F. & P. Co.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolskill Bros.  
Louisville, Ky.—M. D. Reifers, 228 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Nashville, Tenn.—Geny Bros.

New York—M. A. Bowe.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Dard's 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex McConnell, 571 5th Ave.  
New York—Malandre Bros., 2094 Broadway.  
New York—Myer, Florist, 809 Madison Ave.  
New York—J. H. Small & Sons, 1153 Broadway.  
New York—Frank Valentine, 358 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Heess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.  
Rochester, N. Y.—J. B. Kier Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis, Mo.—Mullanphy Florist.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—J. B. Boland, 60 Kearney St.  
Terre Haute, Ind.—J. G. Heintz & Son.  
Toronto, Can.—Dunlop's 96 Yonge St.  
Washington—Blackstone, 14th and H Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade.

NEW YORK CITY.

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL.  
Western Union Code.

Mention the American Florist when writing

**CHICAGO**

**Canger & Gormley**

187 N. State St.

HIGH GRADE OF FLOWERS

Phones: Central 5196 All orders are very  
2190 carefully executed.

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
NORTHERN OHIO.

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.  
Write, Telegraph or Telephone

Los Angeles, Calif.

**Wolskill Bros.**

FLORISTS

Successors to J. W. Wolskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only  
the  
Best  
**Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

take proper  
of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

TUBEROSE contracts show advancing tendency in prices.

GRASS seed firms generally report very satisfactory and profitable trade to date.

WINTER or sand vetch is rapidly growing in popular favor. Foreign quotations show a material advance in price over last year.

CHICAGO—Prices on the board of trade April 19 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

IN Massachusetts next fall a meeting of the State Board of Agriculture and a committee of the state grange will be held to consider a seed law. Bill No. 550 was dropped by the committee in charge.

MARBLEHEAD, MASS.—The location of the next seedsmen's convention is noted in New England Horticulture. A traditional scene pictures one farmer-gardener drilling holes in the rock while his assistant is dropping grain in the holes.

NEW YORK.—Plants are being handled quite extensively at some of the seed stores. Counter trade in seeds has developed no unusual rush so far, though a fairly continuous business is being done. The season is considered quite backward.

HOLLISTER, CALIF., April 17.—Severe frosts April 11-13 have injured radish and sweet peas severely throughout the state. Seed crops in general are a month behind normal and later rains will be necessary for these crops. Onions are recovering from the March floods, but all growers are late with their work and labor is very scarce.

SALT LAKE CITY, UTAH.—I notice by the public press that Senator Sutherland of this state has just forwarded seven bags of seeds by mail to be given away to our public schools. The post-office employees, including those in the rural delivery districts, are kept busy distributing seeds to the senator's constituents. If this is not bribery, what is it?—E. E. R.

### California Seed Crops.

San Francisco, April 11.—We are prepared to report that crops are looking fairly well, though later than usual, owing to the continued drought during the early part of the season. The floods of February did some damage, but on the whole we do not see anything that is seriously affected at this time sufficient to cause us to report any apparent shortages.

Celery looks well, excepting White Plume and Golden Self Blanching, both of which may be short. Endive, leek, lettuce and mustard are all good stands. While some lettuce was sown late, it should still make a crop, as it has often done in the past under similar conditions. Radish is later than usual and while normal at present, we have provided a liberal acreage. Parsnip looks well.

Some of our smaller lots of sweet peas are late and under normal, but we will await the effects of the spring rains before reporting them definitely. The general acreage of sweet peas, though late, looks very well and stands are good.

On the whole, the onion crop looks well and the loss we sustained from some crops, does not cause us any uneasiness at the present time. There is lots of time, however, for other troubles, and our advices, at this time, are simply to inform you that the winter floods have done no serious damage to our crops.

C. C. MORSE & CO.

### French Bulb Crop.

Since United States dealers are the largest buyers of flowering bulbs, notably of white Roman hyacinths and Narcissus grandiflora, in the markets of Toulon, Ollioules, and Hyers, the following information gathered recently from among some of the largest shippers of these products has a direct bearing upon the 1911 crop and prices. For some years the tendency has been toward an increase in the prices of bulbs of the finer varieties and the largest dimensions. The prices quoted in 1910 were no exception to this rule, states Consular Agent Mansfield of Toulon, but, in spite of this, shipments from the region to the United States increased from \$119,047 in 1909 to \$166,704 in 1910.

In 1910 the smaller syndicated growers, while not comprising all individuals engaged in the industry, agreed on 68 francs (\$13.324) as the minimum price per 1,000 for the chief competitive article—white Roman hya-

cinths. This was the price paid, or supposedly paid, by all middlemen, negotiators, or shippers, who are the real distributors of the fine product of the region to American dealers. Prices for the finer varieties and the larger dimensions ran as high as 120 francs (\$23.16) for bulbs 15 centimeters in circumference. The comparatively high prices of recent years were caused as much by the relation of supply and demand as by anything else, though there has been a manifest shortage of bulbs of the largest dimensions, as well with respect to narcissus as hyacinths, the specialties of the region. The ruling prices to United States buyers in 1910 were as follows: the prices per 1,000 being those averaged from the figures given on a series of invoices presented at this consular agency for certification (centimeter equal 0.3937 inch): White Roman hyacinths—12 to 15 centimeters, \$15.574; 13 to 15 centimeters, \$18.445; 14 to 16 centimeters, \$21.712; Narcissus grandiflora—13 to 14 centimeters, \$3.898; 14 to 15 centimeters, \$4.941; 15 centimeters, \$5.507.

The 1911 crop in the region promises to be more than ordinarily good, owing to favorable late winter and spring-time conditions, and unless undue humidity occurs between now and the middle of May or the first of June there will be an abundance of bulbs of one sort or another, the growers always hoping for an excess of the larger dimensions, the existence of which, or the lack thereof, really making the market price on those of all dimensions.

As a matter of record, the 1910 season closed with a considerable stock of smaller sizes left on the growers' and shippers' hands, whereas this was not the case in 1909, when the stocks of all dimensions were completely closed out. This argues, if anything, that the larger and finer varieties are those chiefly in demand, above all by American buyers. Just how high prices will go the present season can not be foreseen until the actual state of the crop is known, and this can hardly be before the first bulbs are taken from the ground in June. In general, the shippers basing their statement on the demand of former years, the prices for the bulbs of the largest dimensions and the finer varieties will be high, and, unless there is a falling off in the demand, not lower than in 1910. For the smaller sizes prices may be somewhat lower. It is the general opinion here that United States buyers want the best of the crop and are willing and able to pay for it. If buyers in seeking lower prices (which some of the shippers admit are too high, or at least higher than formerly ruled for the

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.



# Now For Those Rush Orders

**F**LORISTS who want their orders filled accurately and quickly will make no mistake in sending to us. We are prepared to fill orders the day they arrive. We have just doubled our packing force—a change made necessary by the largest number of orders ever received. Here are some of the things you should not overlook in planning your spring planting.

## Aster Seed! Aster Seed! Aster Seed!

Sweet Peas, Dahlias, Gladioli, Lilies,  
Market Garden Strains of Vegetable and Flower Seeds,  
Hardy and Tender Plants, Potatoes, Small Fruits,  
Lawn Grass, Fertilizers, Insecticides and Sprayers.

Five minutes study of our wholesale catalogue will convince you that it is to your interest to send us your rush order. To insure its reaching the right department the minute it arrives, mark both your order and envelope "Wholesale Department, Rush." Mention this paper.

## JAMES VICK'S SONS, Rochester, N. Y.

same grade of product) will be content with bulbs of smaller dimensions, there will be a general lower average of prices; but, again, if there is a shortage of large sizes, even those of smaller size will be the subject of a rise in prices. The prices are not, therefore, to be regulated by demand and supply alone, but will be not a little affected by the quality of the crop. The small growers are shipping more and more through syndicates or agents and few growers seek to market their product direct. In more ways than one this tends to keep up the standard of prices.

The cost of freight and other transport expenses to the United States somewhat affect the values there, but this of itself is not enough to account for the higher price of the best French-grown bulbs of the varieties mentioned. Freights from Marseille to New York are about 50 francs (\$9.65) a ton, with 6 to 10 francs (\$1.158 to \$1.93) added for rail transport to Marseille from Ollioules, Toulon, or Hyeres. It is possible that these figures for transport may be considerably reduced the coming season if shipments can be made direct by steamships from Toulon to New York or Philadelphia, which come here several times a year to load bauxite ore. If, as is proposed, sailings this year are taking place at the moment when the bulb shipments are being made ready, American buyers will have every reason to favor this method of transportation, and to that end should acquaint themselves with terms and probable conditions from O. G. Hempstead & Son, of Philadelphia, the charterers of the steamers.

## SEVEN TOP TURNIP

Originally introduced by us from South Carolina in 1850 and annually grown for over sixty years under the zero winter temperature of Bloomsdale Farms, the Landreth's strain of Seven Top has obtained, by this northern culture, a hardness not approached by southern grown seed. All inferences would point that way, while thousands of experiments have conclusively proven it beyond a shadow of doubt; consequently one pound of Landreth's Seven Top will, in the dead of winter, produce more greens than can be cut from three times the more delicate southern-grown Seven Top.

Write us how much you want, and we will name you a price.

D. LANDRETH SEED COMPANY, Bloomsdale Farms, Bristol, Pa.

## Every Seedsman

Interested in **CABBAGE, CAULIFLOWER, or ROOT SEEDS** of high grade quality, should ask my contract prices before placing his order. Tell me which sorts you use and I will send you my prices and conditions.

(Largest Seed Grower  
in Scandinavia.  
Established 1850.)

**L. DAHNFELDT, Odense, Denmark**

The conclusion is that the crop of hyacinth and narcissus bulbs promises well; that prices for the best varieties will be as high, if not actually higher, than formerly, with the possibility that the smaller sizes will be somewhat cheaper; that freights stand a prospect of being lowered and that the best market for the finer varieties is still considered to be the United States.

HELENA, MONT.—Harry Gray, of Boston, has accepted a position at the store of the State Nursery Co. and will have charge of the floral work.

## PANSY SEED

Matchless. . . . . \$4.00 per oz.  
New Masterpiece. . . . . 5.00 per oz.  
A New Strain of Pansy, very dwarf, large bloom, showy in color. Trade packets \$1.00; price per oz. on application. Seed raised by myself.

**J. SAMBRIDGE,**

Mendeville Road, Enfield Lock, England.

COLORADO SPRINGS COLO.—D. D. P. Roy, the well known salesman of Vaughan's Seed Store, was in the city recently visiting the trade with whom he is very popular.



## Summer-Flowering BULBS GLADIOLUS

|                             |                |                  |
|-----------------------------|----------------|------------------|
| Mrs. Francis King, 2nd size | Per 100 \$2 00 | Per 1000 \$18 00 |
| Write for samples.          |                |                  |
| Mme. Moneret                | 2 25           | 20 00            |
| Florists' Mixture           | 1 75           | 15 00            |
| Extra Fine Mixed            | 2 00           | 18 00            |
| Seedling Mixture            | 1 50           | 12 00            |

## TUBEROUS BEGONIAS

|                          |         |  |
|--------------------------|---------|--|
| Single                   | Per 100 |  |
| { Scarlet                | \$2 50  |  |
| { White                  | 2 50    |  |
| { Pink                   | 2 50    |  |
| { Yellow                 | 2 50    |  |
| Doubles, colors as above | 4 50    |  |

## TUBEROSES

|                     |                  |
|---------------------|------------------|
| Dwarf Pearl, medium | Per 1000 \$ 7 50 |
| 1st size            | 11 00            |

## LILY BULBS

|                             |         |
|-----------------------------|---------|
| Lil. Auratum                | Per 100 |
| 9 to 11 inches, 120 to case | \$8 00  |

|                             |         |
|-----------------------------|---------|
| Lil. Rubrum                 | Per 100 |
| 9 to 11 inches, 120 to case | 8 00    |

|                             |         |
|-----------------------------|---------|
| Lil. Album                  | Per 100 |
| 8 to 9 inches, 160 to case  | \$ 7 50 |
| 9 to 11 inches, 120 to case | 10 00   |

## LILY OF THE VALLEY

|        |                 |
|--------|-----------------|
| Clumps | Per 100 \$20 00 |
|--------|-----------------|

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.

*Mention the American Florist when writing*

### American Seed Trade Association.

The annual convention of the American Seed Trade Association will be held at Marblehead, Mass., June 20-22, 1911. The Hotel Rock-mere has been selected as headquarters. This is one of the best hotels on the famous north shore of Massachusetts, occupying a beautiful location which commands a view of one of the finest and most interesting harbors on the Atlantic coast. On one side of the deep waters and bold rocky coast of this harbor are the beautiful summer homes; and on the other the old colonial fort, and the old town of Marblehead with its ancient churches, its hip-roofed houses with brass door knockers and little old fashioned gardens; its winding, twisting streets, and its ancient and historic landmarks, making it one of the most interesting places on the New England coast. This makes a vivid and contrasting picture of the old and the new, and nearly every room in the Rock-mere commands this beautiful view. Marblehead is only 17 miles from Boston and trains leave the North station every hour. Tickets can be purchased direct to Marblehead and baggage checked through.

It is thought by some of the officers of the association that this, the twenty-ninth annual convention, will be the largest ever held. Extra efforts are being made for an unusually good programme, and there will be plenty of amusement, with special entertainment provided for the ladies.

E. L. PAGE, Secretary.

# Azalea Indica

**New Varieties** for Fall delivery of Double White and very finest Pink sorts, grown by The Haerens Co., of Somergem, Belgium, which were exhibited and greatly admired at the National Flower Show, Boston, Mass. Also all of the leading commercial varieties, grown especially for the American trade. For full information, prices, etc., please apply to

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For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

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175 First Prizes, the highest awards  
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1000 seeds, finest mixed, .25c  
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Price list on application. Cash with order  
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## Danish Seeds

If you take interest in Cabbage, Cauliflower, Tomato, Carrot, Mangel, Swede and Turnip, please apply to

**CHR. OLSEN, Odense, Denmark**

Wholesale Seed Grower (Established 1862), in order to have your name placed on my mailing list

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**Florists and Seedsmen. Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag, \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: 'I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle.'

**J. BOLGIANI & SON, Importers and Wholesalers**  
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Contracting growers of **Peas, Beans** and famous **Sweet Corn**. Introducers of the **White Mexican Sweet Corn**.

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# The Two New Carnations for 1911

## WHITE WONDER.

The largest and most productive white carnation. Has all the white varieties outclassed.

## GLORIOSA.

Pure glistening bright pink. A decided improvement over all the pink varieties in color and every other respect.

The two carnations that will prove to please all growers and the most critical buyers. Commercially they will head the list of varieties grown in the future. Do not fail to grow these varieties that have been inspected and have met the approval of many of our best carnation growers. If you have not already ordered, **Do So Now.** Our March 15 delivery of White Wonder and March 15 and 27 delivery of Gloriosa were all sold in 5 days after our advt. appeared.

Prices: \$12.00 per 100; \$100.00 per 1000; 2,500 for \$237.50; 5,000 for \$450.00.

## F. DORNER & SONS CO., La Fayette, Ind.

# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

**CHAS. H. TOTTY,**

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## Asp. Plumosus Nanus

GREENHOUSE GROWN

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A delayed Crop has just come in; while the seed lasts we quote pre-paid.

2,000 seeds \$ 7.50  
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## Geraniums

Per 100  
S. A. Nutt and 6 other vars., 3 in. pots. \$4 00  
April 15. 3 00  
3,000 Geraniums, 2½ in. pots. 3 00  
Asp. Plumosus, May 15. 2 00  
Sprengeri, May 1. 2 00  
10 vars. Cannas, May 1. 4 00  
King Humbert, 3½ in. pots. 6 00  
Alternantheras, red and yellow, 2¼ in. pots. 2 00

Please,  
Cash.

**JOS. H. CUNNINGHAM, Delaware, O.**

## Coleus

Per 100  
10 varieties, 2 in. pots. \$2 00  
Verbenas. 2 00  
Plumosus Seedlings, April 20. 1 25  
Sprengeri Seedlings. 1 00  
Fancy Plants. 1 25  
Salvias, 2½ in. pots. 2 50  
Petunia Seedlings, Double Seed. 2 50

## 'MUMS FOR FLORISTS.

We are very strong on many of the Commercial and extra strong on the Exhibition varieties from 2¼ in. pots: place your orders early so as to secure early delivery. We would also be pleased to fill your order for **Aster Seed** as we have one of the finest strains known as well as a good list of the standard kinds.

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**Wholesale Seed Grower,**

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Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn. Correspondence solicited.





# Dreer's Offer of New Dahlias.

## New German Giant CACTUS DAHLIAS

**Nerthus.** Flowers fully 6 inches in diameter, of splendid form, borne on stout, stiff stems, held well above the foliage. The centre of the flower is a rich, glowing bronzy orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives it an iridescence which it is not possible to describe. Strong plants, ready April 15th. 35 cts. each; \$25.00 per doz.; \$25.00 per 100.

**Rheinkönig.** In this we believe we are offering the ideal white Cactus Dahlia which has been a desiderata for a long time. In habit of growth it is robust, similar to the varieties *Lavine* and *Flora*; in color a pure snow-white, with flowers 5 to 6 inches in diameter. These are of great substance, lasting splendidly when cut; they are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting. Our own representative had the opportunity of comparing this variety with many other sorts which were planted for comparison at the trials which during the past summer were made at the Palmen Garten at Frankfurt, Germany, where it showed up in such superior form over all others that we at once secured all available stock. We offer it, believing it to be the most desirable acquisition in Dahlias offered in many years. Strong plants, ready April 15th. 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

**Vater Rhein.** Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow suffused with salmon-rose; a beautiful, attractive and imposing flower. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wodan.** This is the strongest-growing variety in the collection, the plant being exceptionally robust and growing fully 6 feet high, with large, bold flowers, frequently over 7 inches in diameter; but with this large size there is no coarseness, the flowers being a graceful arrangement of semi-incurved tubular petals of a most pleasing, delicate salmon-rose color shading to old gold in the centre. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

**Wolfgang von Goethe.** A splendid large, free-flowering variety, with gracefully arranged, perfect flowers of a rich apricot with carmine shadings; a splendid cut flower. Strong plants, ready April 15th. 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the above 5 new sorts for \$1.75.



NEW GERMAN GIANT CACTUS DAHLIA RHEINKÖNIG.

## Decorative Dahlias of Recent Introduction

**Beloit.** Particularly effective on account of its very large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Delice.** Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Le Grand Manitou.** The first variegated Dahlia of the decorative type introduced, and which attracted much attention in our trial ground the past season. The flowers are from 5 to 6 inches across, the ground color being white, prettily spotted, striped, blotched and suffused with deep reddish-violet; these are borne on stout, stiff stems and held well above the foliage. Plants ready April 15th. 35 cts. each; \$3.50 per doz.

**Perle de Lyon.** The most valuable white Decorative Dahlia yet introduced, and which is certain to become a leader as a cut flower, perfect in form, pure in color, and produced on long, stiff stems, and very free-flowering. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

**Yellow Colosse.** Flowers of very large size, of perfect form, pure primrose-yellow; the best of its color and valuable for all purposes. Plants ready April 15th. \$1.50 per doz.; \$10.00 per 100.

One each of the above 5 new Decorative Dahlias for \$1.00.

See our Current Wholesale List for other varieties of Dahlias, Seasonable Plants, Seeds, Bulbs, etc.



DECORATIVE DAHLIA, PERLE DE LYON.

The above prices are intended for the Trade only.

HENRY A. DREER, Inc.,

714 Chestnut Street,

PHILADELPHIA, PA.



## Market Gardeners

### Vegetable Growers' Association of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

DES MOINES, IA.—The state assembly has enacted a law to become operative January 1, 1912, which will require that all small fruits shall be in packages containing full measure, the standard of measure being the quart containing 67.2 cubic inches, and its divisions and multiples, and all packages are to be marked so as to indicate the part of a quart or pint contained.

### Prices of Indoor Fruits and Vegetables.

New York, April 15.—Mushrooms, 60 cents per pound; cucumbers, 15 cents each; lettuce, \$1.25 per dozen heads; tomatoes, 25 cents per pound; radishes, 50 cents per dozen bunches; rhubarb, \$1.25 per dozen bunches; grapes, \$1.10 per pound.

Chicago, April 15.—Mushrooms, 30 cents per pound; cucumbers, \$1.75 to \$2 for two dozen; lettuce, 15 cents to 17½ cents per pound; radishes, 50 cents to 75 cents per dozen bunches.

### Growing Early Tomatoes.

That the size and character of the plants at the time of transplanting to the field have a marked influence on the yield of early tomatoes, and that the age of the plants and the conditions under which they have been grown determine their size and character, are the conclusions resulting from certain experiments conducted by the Illinois Agricultural Experiment Station. Plants ten or even twelve weeks old that have made a slow, steady growth, and have been provided with sufficient room so that they remained stocky, and have retained all their lower leaves, are capable of giving quick results, provided they can be transplanted to the field without seriously disturbing their root systems. However, an old plant that has begun to stretch for light, lose its lower leaves or turn yellow because of outgrowing its allotted space, is inferior to a younger and smaller plant. The experiments consisted in sowing the seed at different periods in flats and then shifting to pots; in pots, thinning and shifting; in flats, shifting to other flats and then to cold frame; and seeded and transplanted in frame. The best results were obtained from plants seeded in February sown in 2½-inch pots, thinned, and shifted to 4-inch and later to 6-inch pots, the pots placed in cold frame and then planted as early as possible before they became pot bound.

But the condition of the plant may be more important than its age and the plants should be carefully hardened off before they are set in the field. That the differences in the plants at the time of setting in the field influence chiefly the yield of early fruits and have comparatively little influence on later yields. Plants that had produced a heavy crop of early fruit continued to produce abundantly

until killed by frost, and plants that had produced only a light early crop, on account of securing a late start, likewise produced heavily late in the season. The production of a heavy early crop does not impair the vigor enough to seriously affect the yield of late fruits. This means that all the extra early fruits a tomato plant can be made to produce are practically clear gain.

### Frost Protection.

Probably the most difficult problem the market gardener has to contend with is protection from spring frosts. His business absolutely demands running great risks, and a few hours of low temperatures often means big losses. Many methods applicable in home gardens cannot be used on a large scale, owing to expense, or lack of help. We will briefly review some of the practices, hoping to benefit some growers thereby. About the poorest protection is smoke or smudging. There are several reasons for this, the chief one being that heat rises and cold sinks, hence a fire often causes the heaviest losses immediately around the pile, as the ascending heat induces the cold air to draw to the fire. Shifting winds are another cause of loss. We have seen cold west winds induce the grower to build his smudge fires along that line, and in a few hours the wind would shift to east, thus sending the smoke over to the neighbor. We have watched others smudge a good deal and never thought enough of the practice to try it ourselves. While orchards have been heated, the case is quite different. The trees are not at the ground line and the innumerable branches intercept the winds and also the heat currents. Hence while orchard heating may be successful, a bleak garden field is quite a different proposition. The best means we have found is earth and hay mulches. Where rows are straight

and uniform it is an easy matter to cover most crops, provided the ground is in mellow condition. However, wet spells sometimes end in hard freezes or are preceded by a little snow before the frost, and the land is in no shape for furrowing or ridging. Figuring a number of years, we have succeeded fairly well with this earth covering. The most trying season was last year; while the ground was always nice and mellow, the freezes were so numerous and so alternate with good weather that the covering operation had to be repeated so often as to render the work unprofitable. To cover with earth is advisable where one such protection is likely to save the crop.

Broadcasted crops we protect with litter. Thus we use a manure spreader and scatter coarse straw over spinach and radish immediately after sowing the seed. The plants come up between the straws and will stand much more freezing than if exposed. Earthen-pots, tin cans and glasses over tender plants are not safe, as these articles are good conductors and give poor protection. Plant bed cloth is excellent where some framework exists to keep it off the plants, but wherever cloth touches plants damage is surely done. We have seen tomatoes badly damaged by cloth resting on them, where uncovered plants escaped unhurt. Mechanical watering may offer some relief, but our installation is not perfected to a point that we could attempt frost protection. If it was, our land is too retentive to think of throwing water on for ten hours.

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Substitution of cheaper grades is so easily exposed. Fresh sample rich with illustrated book, mailed or shipped by manufacturers upon receipt of 40 cents in postage. Address

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1777.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼-oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

**WILDPRET BROS.**

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**BERMUDA ONION SEEDS**

Highest Germination, Moderate Prices, Early Delivery

Let us book your order at once to secure a full supply.

**Port Orotava, Teneriffe, Canary Islands.**

# A Few Good Things We have for Leaders

## Burbank's Othello Plum

An Improvement on Prunus Pissardi.

|           | Each   | Doz.  |
|-----------|--------|-------|
| 2 1/2 ft. | \$0 35 | 3 60  |
| 2 3/4 ft. | 0 45   | 5 00  |
| 3 1/2 ft. | 0 60   | 6 00  |
| 3 5/8 ft. | 0 75   | 8 00  |
| 4 1/2 ft. | 1 00   | 10 00 |

## AMPELOPSIS VEITCHII

|                   | Each   | Doz.   | 100     |
|-------------------|--------|--------|---------|
| 2-year-old plants | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants | 20     | 2 00   | 15 00   |

## Ampelopsis Engelmanni

|                   | Each | Doz.   | 100     |
|-------------------|------|--------|---------|
| 3-year-old plants | 25   | \$2 40 | \$15 00 |
| 4-year-old plants | 30   | 3 00   | 20 00   |

## Hardy Perennials

Choice stock of all the popular hardy plants is ready for immediate shipment at reasonable prices. Refer to catalogue for varieties and prices.

## Clematis—Large Flowering

|                      |                                        |
|----------------------|----------------------------------------|
| 2 yr. ea.            | \$0 30; doz., \$3 00; per 100, \$20 00 |
| 3 yr. ea.            | 40; doz., 3 60; per 100, 28 00         |
| Beauty of Worcester. | Miss Bateman.                          |
| Gypsy Queen.         | Nellie Moser.                          |
| Henryii.             | Sieboldi.                              |
| Jackmanni.           | "Ville de Lyon."                       |
| Mme. Baron Veillard. |                                        |

## Spiraea Van Houttei

|                   | Each   | Doz.   | 100    |
|-------------------|--------|--------|--------|
| 1-2 ft.           | \$0 10 | \$0 85 | \$5 00 |
| 2-3 ft.           | 0 15   | 1 50   | 10 00  |
| 2 1/2 ft. strong. | 0 20   | 1 80   | 12 00  |
| 3 ft.             | 0 20   | 2 00   | 15 00  |

## Amoor River Privet

|           | Doz.   | 100    |
|-----------|--------|--------|
| 12-18 in. | \$0 85 | \$3 50 |
| 18-24 in. | 1 00   | 4 50   |

## Clematis Paniculata

|                            | Each   | Doz.   | 100   |
|----------------------------|--------|--------|-------|
| Seedlings from flats       | \$0 50 | \$2 50 |       |
| 1-yr. old from 2 in. pots. | 60     | 4 00   |       |
| 2-yr. old clumps.          | 15     | 10 00  |       |
| 3-yr. old clumps.          | 20     | 2 00   | 15 00 |
| 4-yr. old clumps.          | 35     | 3 60   | 25 00 |

## ROSES

Extra Choice  
Field-Grown Stock.

|                        | Each   | Doz.    | Per 100 |
|------------------------|--------|---------|---------|
| American Pillar.       | \$0 35 | \$3 50  |         |
| Baby Rambler, 2-yr.    | 2 00   | \$14 00 |         |
| 3-yr.                  | 2 40   | 16 00   |         |
| Blue Rambler.          | 35     | 3 50    | 27 50   |
| Climbing Baby Rambler  | 75     | 8 00    |         |
| Crimson Rambler, 2 yr. | 2 00   | 15 00   |         |
| 3 yr.                  | 2 50   | 18 00   |         |

|                       | Each, 25c; Doz., \$1.75; per 100, \$14.00. |
|-----------------------|--------------------------------------------|
| Alfred Colomb         | Magna Charta.                              |
| Crimson Baby Rambler. | M. P. Wilder.                              |
| Fisher Holmes         | Prince de Rohan.                           |
| General Jack.         | Ulrich Brunner.                            |
| John Hopper.          |                                            |

|                         | Each   | Doz.   | Per 100 |
|-------------------------|--------|--------|---------|
| Dorothy Perkins         | \$0 25 | \$2 00 | \$15 00 |
| Hiawatha                | 3 00   | 20 00  |         |
| Jessie                  | 50     | 5 50   | 40 00   |
| Kaiserin Aug. Victoria. | 2 50   | 18 00  |         |
| Killarney               | 2 50   | 18 00  |         |
| Lady Gay                | 25     | 2 50   | 20 00   |

|                     | dozen, \$2.00; per 100, \$15.00. |
|---------------------|----------------------------------|
| General Washington. | Mrs. R. G. S. Crawford.          |
| Gruss an Teplitz.   | Paul Neyron.                     |
| Lady Ashtown.       | Philadelphia Rambler.            |
| La France.          | Rugosa Alba.                     |
|                     | Rugosa Rubra.                    |

|                       | Each   | Doz.   | Per 100 |
|-----------------------|--------|--------|---------|
| Lyon                  | \$0 50 | \$5 50 |         |
| Payilla               | 35     | 3 00   | 22 00   |
| Soleil d'Or           | 2 50   | 20 00  |         |
| Tausendschon          | 3 00   | 20 00  |         |
| Vellchenblau          | 35     | 3 50   | 27 50   |
| White Dorothy Perkins | 25     | 2 50   | 20 00   |

Unless noted, all the above varieties are 2-year dormant stock, budded. Besides the above, we can supply pot-grown stock of all the Novelties and Standard Varieties. Write for prices. On all orders for Dormant Roses, Vines, Shrubs and Trees, packing will be charged at cost.

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Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

## A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3 1/2 inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5000, \$400.00. 25 at 100 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

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## 200,000 Canna Roots

As good as can be grown. Our stock is large, and to move a large quantity at once we will offer a big reduction on the regular price. We grow 120 varieties. Don't fail to get our started plant proposition. Send for price list of *Cannas*, *Caladiums* and *Xanthosomas*, the new flowering *Caladiums*, they will be money makers.

## CLEAR VIEW GARDENS,

THE CUMMINGS CO., Inc., successors to  
The Frank Cummings Plant and Bulb Co.

MERIDIAN, MISS.

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A SPECIALTY.

The Dingee & Conard Co.,

WEST GROVE, PA.

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## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2 1/4-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateau, Golden Gate,

2 1/2-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2 1/4-inch pots.

Send for circular.

J. L. DILLON, Bloomsburg, Pa.

## Geo. A. Kuhl ROSES

WHOLESALE AND RETAIL  
FLORIST,

PEKIN, ILL.

## SPIREAS

Fine Forcing Clumps

Gladstone \$9.00 per 100

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

|                                                                       | 2 1/4-in. | 1000    |
|-----------------------------------------------------------------------|-----------|---------|
| Pink Killarney                                                        | \$6 00    | \$55 00 |
| White Killarney                                                       | 6 00      | 55 00   |
| Maryland                                                              | 5 50      | 50 00   |
| Richmond                                                              | 5 00      | 45 00   |
| Perle, Ready April 1                                                  | 5 50      | 50 00   |
| Richmond, Now ready                                                   |           |         |
| 3 1/2-inch                                                            | 8 00      | 65 00   |
| Cut back bunched Pink Killarney, \$60.00 per 1000; good strong stock. |           |         |

POEHLMANN BROS. CO.,  
Morton Grove, Ill.

## Start Your Season's Business Right

by advertising now in this journal, early with advertisers in the

Don't delay. The best orders are placed  
**AMERICAN FLORIST.**



## The Nursery Trade

### American Association of Nurserymen

W.P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shenandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

"SEED-EATING mammals in relation to reforestation" is the title of circular No. 78 issued by the Department of Agriculture which deals with the attacks of mice, ground squirrels and other rodents upon newly planted seeds in a reforesting experiment in the Black Hills in which from 30 to 70 per cent of the seed was destroyed, and the methods employed to protect the seed from the destructive animals.

### Tree Planting in Korea.

The Seoul Press of February 8, 1911, notes that by way of commemorating one of the three national holidays of Japan, to be observed for the first time in Korea, the director of the agricultural department has notified all provincial governors that 2,500,000 young trees reared in the government nurseries, will be distributed among the provinces to be planted on that particular day, in the grounds of public offices, schools, and other public establishments throughout Korea.—Consular and Trade Reports.

### Other Shrubs for Steep Banks.

While reading the article, "A Shrub for Steep Banks," that appeared in THE AMERICAN FLORIST, issue of December 24, 1910, page 1126, a number of other plants suitable for the purpose came to mind.

Chief among these is the Matrimony Vine (Lycium Chinense). We use it on several steep terraces and find it most luxuriant in growth. It stands as much abuse as the symphoricarpos. Its roots freely along the stems which have been known to grow from ten to fifteen feet in a season. It is very ornamental when in fruit as the branches become literally loaded with bright red berries. Propagation is readily effected by hardwood cuttings or suckers; and by seeds or layers. We also find that the trailing Memorial Rose (Rosa Wichuraiana) does well on banks, especially terraces. It requires a year or two in which to become established after which it makes prodigious headway. Bittersweet (Celastrus scandens) is well worth planting. When in fruit it is wonderfully effective. Plants should be placed close together to secure an early cover. The Golden Bell (Forsythia suspensa) will soon spread if the season is reasonably favorable. Any branch which touches the ground quickly forms roots at the point of contact. They revel in good soil.

The brambles will grow in practically any situation. If the bank is not too steep they will soon show a tendency to walk right over it! They require comparatively no care and are worthy a place in any garden. On account of their thorny disposition, however, they are probably better adapted to large places. If given an opportunity the sumach will soon overrun almost any bank and furnish beautiful leaf colorings in the autumn. Rhus

# CLOSING-OUT SALE OF Ornamental Nursery Stock

Of the late Samuel C. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready.  
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## "MORRISVILLE NURSERIES"

WM. H. McCLOSSY, Former Supt., Agent.  
MORRISVILLE, PA.

# Ligustrum Ibota

The Privet Hedge. That Never Gets Winter Killed

North Carolina Grown and Wintered at as low as 10 to 20 degrees of frost.

While they last, \$5.00 per 100; \$40.00 per 1000; \$350.00 per 10,000.

## THE HORTICULTURAL CO.

Office: Worcester, Mass.

Nurseries: Castle Hayne, N. C.



## Arbor Vitæ

(Thuya Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

typhina (staghorn sumach) a tall growing sort, is excellent in some situations. Rhus glabra (smooth sumach) of medium size, is also fine. The cut-leaved varieties seem to give more leafage than the types and would doubtless be valuable as a soil binder on banks. Most of the above mentioned plants do well in dry situations. Prunus pumila (Sand Cherry) suckers freely and would doubtless be valuable for bank planting. When young it has more of a spreading habit but later on assumes an upright growth to five feet or more. The Sand Cherry inhabits the sand dunes and rocky places in the great lakes region, but does well in our soil. Prunus cuneata, the Appalachian Cherry, is an allied form found in bogs and low wood lands of the north. The Indian Currant is certainly tenacious as it is not easily driven out when once established. It does well on any fully exposed situation, in shade or partial shade. I have seen it growing in heavy masses by the hazel and viburnum.

FRANK K. BALTHIS.

PORTLAND, ORE.—At the coming rose festival to be held June 5-10 it is estimated that 5,000,000 flowers will be used in decorative effects. One of the spectacular features will be the battle of roses in which 100 of Portland's prettiest girls will bombard the crowds with flowers.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

Mention the American Florist when writing

## Jacs Smits & Co., NAARDEN (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiræas, Valleys.

Price List Free on Demand.

## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa

LEXINGTON, MASS.—The New England Nurseries of Bedford has leased the meadow farm lands in the vicinity of Monroe station, which is excellent location for the growing of nursery stock.

## ROSES

On Own Roots,  
Summer Grown,  
Winter Rested,  
Strong and Healthy.

## Hybrid Perpetuals

|                              | 2½ inch | 4 in              |
|------------------------------|---------|-------------------|
| Alfred Colomb                | \$0.75  | \$4.15 \$40. \$10 |
| American Beauty              | .85     | 6. 50. 15.        |
| American Beauty, 6 in.       |         |                   |
| Anna de Dieblich             | .50     | 3½ 30. 10.        |
| Black Prince                 | .60     | 4. 35. 10.        |
| Ball of Snow (Boule de Nige) | .50     | 3½ 30. 12.        |
| Captain Howard               | 1.00    | 7. 60. 12.        |
| Clio                         | .60     | 4. 35. 10.        |
| Dunmore                      | .60     | 4. 35. 10.        |
| Francis Lever                | .50     | 3½ 30. 10.        |
| Frau Karl Druschki           | 1.00    | 7. 60. 12.        |
| General Jacqueminot          | .50     | 3½ 30. 10.        |
| Giant of Battles             | .50     | 3½ 30. 10.        |
| Gloire de Margottin          | .50     | 3½ 30. 12.        |
| Gloire Lyonnaise             | .50     | 3½ 30. 10.        |
| John Hopper                  | .75     | 5. 45. 10.        |
| Jubilée                      | .60     | 4. 35. 10.        |
| La Reine                     | .60     | 4. 35. 10.        |
| Madame Charles Wood          | .60     | 4. 35. 10.        |
| Madame Musson                | .50     | 3½ 30. 10.        |
| Madame Plantier              | .60     | 4. 35. 10.        |
| Magna Charta                 | .60     | 4. 35. 10.        |
| Paul Neyron                  | .75     | 5. 45. 10.        |
| Robert Duncan                | .75     | 5. 45. 10.        |
| Vick's Caprice               | 1.00    | 7. 60. 12.        |
| White American Beauty        | 1.00    | 7. 60. 12.        |

## Climbing Hybrid Perpetual

Climbing Frau Karl Druschki 1.75 12½ 100.

## Moss Roses

|                   |     |            |
|-------------------|-----|------------|
| Henri Martin      | .75 | 4½ 40. 12. |
| Mousseline        | .75 | 4½ 40. 12. |
| Princess Adelaide | .75 | 4½ 40. 12. |

## Hybrid Teas

|                       |      |             |
|-----------------------|------|-------------|
| Grace Molvenaux       | .85  | 6. 50. 15.  |
| Helen Gould (Baldwin) | .50  | 3. 27½ 10.  |
| Instituteur Sirdey    | .60  | 4½ 40. 15.  |
| Jacob's Ferle         | .60  | 4. 35. 12.  |
| Kaiserin Aug. Vic.    | .50  | 3½ 30. 10.  |
| La France (Pink)      |      |             |
| Mme. Jennie Guillemot | .50  | 3½ 30. 10.  |
| McLean                | .50  | 3. 27½ 10.  |
| Mrs. Aaron Ward       | 3.50 | 25. 50. 60. |
| Mrs. David Jardine    | .60  | 4. 35. 12.  |
| Mrs. Maryland         | 1.00 | 7. 60. 12.  |
| Wellesley             | .50  | 3½ 30. 10.  |
| White La France       | .50  | 3. 27½ 10.  |

## Climbing Hybrid Tea

Climbing Killarney .60 4. 35. 12.

## Teas

|                           |     |            |
|---------------------------|-----|------------|
| Bongere                   | .50 | 3. 25. 10. |
| Cocquette de Lyon         | .50 | 3. 25. 10. |
| Duchesse de Brabant       | .50 | 3. 25. 10. |
| Etoile de Lyon            | .50 | 3. 27½ 10. |
| Golden Gate               | .50 | 3. 27½ 10. |
| Isabella Sprague          | .50 | 3. 25. 10. |
| Mlle. Francisca Krueger   | .50 | 3. 25. 10. |
| Marie Lambert (Snowflake) | .50 | 3. 25. 10. |
| Marie Louise              | .50 | 3. 25. 10. |
| Marie von Houtte          | .50 | 3. 25. 10. |
| Papa Gontier              | .50 | 3. 27½ 10. |
| Rainbow                   | .50 | 3. 27½ 10. |
| White Bongere             | .50 | 3. 25. 10. |
| Wm. R. Smith              | .50 | 3½ 30. 10. |

## Climbing Tea

Reve d'Or (Golden Chain or Climbing Safrano) .50 3. 25. 10.

## Hardy Climbers

|                               |      |              |
|-------------------------------|------|--------------|
| American Pillar               | 1.00 | 6. 50. 15.   |
| Crimson Rambler               | .50  | 3. 25. 10.   |
| Flower of Fairfield           |      |              |
| Ever-blooming Crimson Rambler | 1.75 | 12½ 100. 25. |
| Keystone                      | .50  | 3. 25. 10.   |
| Philadelphia Rambler          | .50  | 3. 25. 10.   |
| Pink Rambler (Euphrosyne)     | .50  | 3. 25. 10.   |
| Tausendachon                  | .50  | 3½ 30. 10.   |
| Trier                         | .50  | 3. 25. 10.   |
| Vellchenblau (Blue Rambler)   | 1.00 | 6. 50. 15.   |
| White Rambler (Thalia)        | .50  | 3. 25. 10.   |
| Yellow Rambler (Aglaia)       | .50  | 3. 25. 10.   |

## Multiflora

Seren Sisters (Greville) .50 3. 25. 10.

## Hybrid Wichuraiana

|                       |     |            |
|-----------------------|-----|------------|
| Carissima             | .50 | 3. 25. 10. |
| Debutante             | .50 | 3. 25. 10. |
| Dorothy Perkins       | .50 | 3. 25. 10. |
| Hiawatha              | .50 | 3. 27½ 10. |
| Lady Gay              | .50 | 3. 25. 10. |
| Mary Washington       | .50 | 3. 25. 10. |
| White Dorothy Perkins | .50 | 3. 25. 10. |

## Climbing Noisettes

|                       |     |            |
|-----------------------|-----|------------|
| Lamarque              | .50 | 3. 25. 10. |
| Mary Washington       | .50 | 3. 25. 10. |
| Reine Marie Henrietta | .50 | 3. 25. 10. |
| Solfatara             | .50 | 3. 25. 10. |
| Wm. Allen Rambler     | .60 | 3½ 30. 10. |

## Dwarf Rambler

Annny Muller .50 3. 25.

Catherine Zeinert (White Baby Rambler) .50 3. 27½

Phyllis (Mrs. Cutbush or Pink Baby Rambler) .60 3½ 30.

## Hybrid Polyantha

Clothilde Souper .50 3. 25. 10.

Mosella (Yellow Souper) .50 3. 25. 10.

Climbing Hybrid Polyantha

Climbing Clothilde Souper .50 3. 25. 10.

## Bourbon

Burbank .50 3. 25. 10.

Hermosa .50 3½ 30. 12.

Mrs. Degraw .50 3. 27½ 10.

Bengal or China .50 3. 25. 10.

Queen's Scarlet .50 3. 25. 10.

Hybrid Rugosa .50 3. 25. 10.

Conrad F. Meyer .50 4. 35. 12.

New Century .50 4.

## Seasonable Stock

FOR FLORISTS

## Roses

Crimson Rambler, Dorothy Perkins, Lady Gay, Philadelphia, Hiawatha Trier, fine forcing grade. \$12.00 per 100

Baby Rambler, crimson and white 15.00 per 100

Frau Karl Druschki Gruss an Teplitz, La France, Alfred Colomb, Gen Jacqueminot, Magna Charta, Margaret Dickson, Marshall P. Wilder, Paul Neyron, Persian Yellow, for potting. \$12.00 per 100

Standard Roses, fine assortment. \$35.00 per 100

Half-Standard Roses, Baby Rambler and Mrs. Cutbush. \$35.00 per 100

## California Privet

Two years, transplanted bushy.  
3 to 4 feet. \$30.00 per 1000  
2 to 3 feet. 25.00 per 1000  
18 to 24 inches. 20.00 per 1000  
12 to 18 inches. 17.50 per 1000

## Tree Hydrangeas,

## Tree Altheas, Tree Lilacs

4 to 5 feet, fine well branched tops on straight stems, named varieties. \$25.00 per 100

## Berberis Thunbergii.

2 to 3 feet, bushy. \$12.00 per 100

## And Lots of Other Attractive Offers

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And use printed letterhead, please, as we sell to the trade only.

## JACKSON &amp; PERKINS CO.

NEWARK, Wayne County, NEW YORK

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## Seasonable Stock

Rhododendrons, best named varieties, 18 24 in., \$75.00; 24-30 in., \$100.00 per 100.

Nephrolepis Bostoniensis, fine 2½-in. stock. \$4.00 per 100.

Nephrolepis Scottii, strong 4-in., \$25.00 per 100.

Primula Kewensis, 3-in., \$5.00 per 100.

Moonflower, Ipomea Grandiflora, \$3.00 per 100.

Anthericum Variegatum, 2½-in., \$3.00 per 100.

Dracena Indivisa, fine 2½-in., for growing on, \$3.00 per 100.

Send for Catalog No. 5 if you have not received it.

THE STORRS &amp; HARRISON CO., Painesville, O.

## Moonvines

Ipomea Noctiflora, our so well known pure white, waxy Moonvine, bearing flowers very fragrant and as big as a saucer, 2½-in. pots, will make good stock for you to propagate from, \$5.00 per 100.

## Godfrey Aschmann

Wholesale Grower and Importer of Potted Plants.

1012 W. Ontario St., Philadelphia, Pa.

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## Geraniums

Rooted cuttings all summer, fine stock, ready now.

S. A. Nutt. \$10.00 per 1000

Ricard and Potteville. 10.00 per 1000

## Coleus

Golden Bedder, Verschaffeltii

and Standard Mixed. \$ 6.00 per 1000

Giant leaved. 1.00 per 100

## Carnations

Enchantress, Lawson - Enchantress, Victory, Scarlet Glow, Admiration, D. Gordon and others at late delivery prices.

Plumosis, 3-in. Sprenger, 4-in. \$5.00 per 100.

## Lime

An extra fine grade for florists' use at \$4.00 per one-half ton. Cash with order.

ALBERT M. HERR

LANCASTER, PA.



## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft.....65c 3 to 3½ ft.....\$1.00  
2½ to 3 ft.....75c 3½ to 4 ft..... 1.25

KENTIA NURSERIES, Santa Barbara, Calif.

## Ferns for Dishes

Per 100 Per 1000  
2¼-in .....\$3.50 \$30.00  
500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincy St., CHICAGO

### Large and Small Dahlia Roots.

There is a great difference in the growth of the several varieties of dahlias, especially as regards the size of the root upon which so much is depended for the propagation of the plant. Some varieties make immense clumps of roots, yet are very shy bloomers, while others produce a large quantity of bloom of the best quality, yet make scarcely any root at all and those that are made are very small. It often happens that among the latter are included some of the best varieties, and florists and seedsmen are prone to condemn them because "their customers complain." This is the opportunity which the dealer should embrace and proceed to educate the customers instead of decrying the variety, for those that are acquainted with the growth and habit of such a variety never make any complaint.

The variety Storm King is one of those that makes a very small root and inquiries are made asking "Is there not some way that this most beautiful dahlia can be made to produce larger roots?" Larger roots can be grown if the buds are cut off each week from June to October and the entire strength of the plant thrown into the roots, but this would amount to a loss, for the flowers will return more than can be obtained for the roots. Last year Storm King netted us \$1.00 per 100 over all expenses for the entire crop, while the roots are catalogued at 25c. Many growers have discarded this variety on account of its roots being so small, and grow inferior varieties that make larger roots because in selling the stock they are more profitable, but a small root of Storm King, weighing one-half ounce, will make a larger plant and will bloom earlier than any other dahlia from a root weighing one pound, and will produce twice the quantity of bloom. The florists' trade, that is, the intelligent class of florists, who know the varieties of dahlias and who regard quality above quantity, are perfectly satisfied with the small roots of Storm King. We were recently offered by one of the largest dahlia growers, who raises the blooms for market, any price we would name for 500 roots or plants of this variety.

L. K. PEACOCK

BROOKLYN, N. Y.—The display of lilies and spring plants at Prospect Park which was opened on Easter Sunday attracted thousands of visitors. It was considered the finest show ever attempted in these houses.

HELENA, MONT.—The Florists' and Nurserymen's Association of Montana is making preparations for competitive florists' and nurserymen's exhibits at the state fair this fall. W. J. Hugo having resigned the office of secretary of the association, J. W. Mallison has been appointed to succeed him.



## The Book of Gladiolus.

The first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

Price, postpaid, \$1.25

AMERICAN FLORIST CO.,

440 S. Dearborn St., Chicago.

## Florists, Seedsmen,

**Dahlias** are now the popular flower. **Peacock's Dahlias** are the "Quality Dahlias That Bloom." The best that can be grown. We know it. After a trial you will know it.

**Special Trial Offer** For \$1.00 we will send by return mail, postpaid, 12 new Dahlia post-cards and our special offers in Dahlia collections, neatly boxed, for counter or other trade. Great value and satisfaction for your customers and profit for you.

Our new illustrated catalogue, the leading American Dahlia Catalogue, free. Write today.

**Peacock Dahlia Farms,** Williamstown Junction, N. J. Post Office: Berlin, N. J.

Mention the American Florist when writing

## GERBERA JAMESONI HYBRIDA In Varied Colors

For which the Golden Medal and the Silver Medal were awarded: at the Golden exhibition at Cannes, March, 1911.

Seeds, Per 100, 66c.; Per 1000, \$5.75; Seedlings \$2.88 per 100.

Plants in pots

|              |                |                  |
|--------------|----------------|------------------|
| 2-inch ..... | Per 10, \$ .78 | Per 100, \$ 6.72 |
| 3-inch ..... | " 2.40         | " 19.20          |
| 4-inch ..... | " 8.36         | " 28.80          |

Parcels of five kilo (about 11 pounds) can be forwarded by parcel post at 66 cents direct to the United States.

ESTABLISSEMENTS HORTICOLES, Cap D'Antibes (Alp.-Mar.) France  
DU LITTORAL Letters and Telegrams, Villa Joyeuse Antibes

## THE CHRYSANTHEMUM MANUAL.

BY ELMER D. SMITH.

NEW AND REVISED EDITION.

Price 40 Cents. Cash with order.

AMERICAN FLORIST CO  
440 S. Dearborn St., CHICAGO.

## Boston Ferns...

2½-in. \$30.00 per 1000

WEITMANI FERNS

2½-in., \$5.00 per 100; \$40.00 per 1000.  
850 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

Mention the American Florist when writing

**Araucaria Excelsa**, 5-in. pots, 3-4 tiers, 50c; 6-in. pots, 75c.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.; 1 year-old plants, \$2.00 per doz.

**Clematis** *Paniculata*, strong 2-year-old, \$10.00 per 100; 1-year-old, \$5.00 per 100.

**Asparagus Sprenger**, strong 3-in. plants, \$4.00 per 100; 2½-in. pots, \$2.50 per 100; 2-in. pots \$2.00 per 100.

**Dracaena Indivisa**, 4-in. pots, 10c; 5-in. pots, 20c; 6-in. pots, 30c each.

**Stock** from 3-in. pots, \$4.00 per 100: **Lemon Verbena**; **Moonvine**, large flowering, the true variety; **Fuchsias**, 4 varieties; **Echeveria** *Clauca*; **Salvias**, *Bonfire* and *Zurich*; **Variegated Geranium**, Mrs. Parker; **Geraniums**, best commercial varieties; **Swainsona Alba**.

**Stock** from 2½-in. pots, \$2.50 per 100: **German Ivy**; **Impatiens**, *Sultani* and *Holsti*; **Cupheas**; **Spradrang**, white; **Fuchsias**, 4 varieties; **Variegated Vincas**; **Lobellias**, double and single blue; **Ageratum**, blue; **Clematis** *Paniculata*; **Variegated Ice Plants**; **Abutilon Savitzi**; **Nutmeg** and **Rose Geraniums**.

**Rooted Cuttings** from soil, \$1.00 per 100: **Carnation**, the Queen; **German Ivy**; **Salvias**, *Bonfire* and *Zurich*; **Pileas**, 2 varieties; **Stevia**; **Ageratum**; **Tradescantia**; **Flcus Repens**; **Lobellias**, single and double; **Swainsona**, *Alba*; **Verbenas**, separate colors.

**Chrysanthemum Rooted Cuttings** from soil: **White Cloud**, **Pacific Supreme**, **Bailey**, \$2.00 per 100.

**C. EISELE**

11th & Westmoreland Sts., Philadelphia, Pa.

# Bobbink & Atkins

## World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250-acre nursery a large variety of material constantly in demand by florists. Our New Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES

**Palms, Bay Trees, Ferns, Boxwood and Hardy Herbaceous Plants, Evergreens, Conifers and Pines, Flowering Shrubs and Fruit Trees, Roses, Rhododendrons and Trees, Vines and Climbers, Bulbs and Roots.**

We manufacture **TUBS** in every shape and size for florists. Ask for special list.

Florists are always welcome visitors to our nurseries.

We are only a few minutes from New York city; Carlton Hill station is the second stop on main line of Erie Railroad.

# BOBBINK & ATKINS

Nurserymen and Florists

RUTHERFORD, N. J.

## A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt. Perkins, Grant, La Favorite, R. C., \$1.25; 2-in. pots, \$2.00; 3-in., \$4.00 per 100; Vinca, Castellano, Pottvine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in. pots, \$2.50; 3-in., \$5.00 per 100.  
 Whitman Ferns, 4-in. 25c each. 5-in. 35c.  
 Boston Ferns, 5-in. 25c each.  
 Vinca Var., 2-in. \$2.00 per 100.  
 Dracena Ind., 4-in., \$10.00 per 100.  
 Dracena Ind., 3-in., \$5.00; 4-in., \$10.00; 5-in., \$25.00 per 100.  
 Asparagus Sprenger, 2-in., \$2.50 per 100.  
 Bellotrope, Blue, R. C., \$1.00 per 100.  
 Cash with order.

GEORGE M. EMMANS, Newton, N. J.  
 Mention the American Florist when writing

A New Fern **Nephrolepis Giatrasii**  
 Awarded a Certificate of Merit by the Horticultural Society of New York.

Prices: In 2 1/2 inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates; 250 plants at 1000 rates. Orders delivered in rotation as received.

Now Ready for Delivery.

GEORGE GIATRAS, 463 Summit Ave., West Hoboken, N. J.  
 Mention the American Florist when writing

## Vinca Variegata

4-Inch Pots

The same heavy grade that we have sold for the past five years.

\$12.00 per 100.

Strong 2-in. Stock, \$2.00 per 100; \$18.00 per 1000  
 W. W. COLES, Kokomo, Ind.

## PALMS, FERNS

AND

## Decorative Plants

JOHN SCOTT, Rutherford Rd. & E. 45th St., BROOKLYN, N. Y.

PHILADELPHIA, PA.—The Germantown Horticultural Society held an exhibition April 10. Addresses were made by President Jellett and Dr. Herman Burgin.

## QUALITY PLANTS

|                                                                                                              |         |        |
|--------------------------------------------------------------------------------------------------------------|---------|--------|
| 2 1/2-inch Boston, Whitman and Scott                                                                         | Per 100 | \$3.50 |
| 3-inch                                                                                                       |         | 8.00   |
| 4-inch Boston and Scott                                                                                      |         | 15.00  |
| 4-inch Whitman                                                                                               |         | 12.50  |
| 5-inch Boston and Whitman                                                                                    |         | 20.00  |
| Asparagus Plumosus, 2-inch                                                                                   |         | 2.50   |
| " 3-inch                                                                                                     |         | 5.00   |
| Asparagus Sprenger, 4-inch                                                                                   |         | 10.00  |
|                                                                                                              | Per 100 | 7.00   |
| Vinca Variegata, out of 2-inch pots. (These are divisions from field-grown stocks and will make fine plants) |         | \$2.00 |
| Shasta Daisy Alaska, 2-inch                                                                                  |         | 2.00   |
| Salvia Splendens, 2-inch                                                                                     |         | 1.50   |
| Coleus, Golden Bedder, Verschaft                                                                             |         | 12.50  |
| celtii and others                                                                                            |         | 1.50   |

— Cash, please. —

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Successors to Reeser & Youngstrand, Springfield, Ohio

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums  
 Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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 FLORISTS,

BOX 778,

Peoria, Illinois.

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HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

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 \$25.00 per 1000. WINSOR, May 1,  
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 once, \$2.50 per 100; \$20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

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 JOLIET, ILL.

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The Gem Bedding Plant.

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Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

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Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

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Of The United States and Canada

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Except Those Using

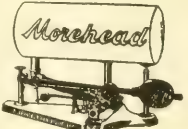
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1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

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1 The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

1 By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO. Department "N" Detroit, Mich.

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No. 6 Kroeschell Boiler---11,000 G.x 3,000 G.---60" at Zero

Your No. 6 Boiler is taking care of 11,000 square feet of glass. Used 3,000 bushels of soft coal (stack). Had no trouble keeping temperature at 60 degrees in zero weather. Fired ordinarily from six to eight hours. Boiler has given entire satisfaction. We're at 10 o'clock p.m. and not go to fire again until 6 a.m., even in the coldest weather (10 degrees below zero). One very windy, cold Saturday night through a m.s. understanding, the fire was not looked after from 10 o'clock p.m. until 8 o'clock a.m. Sunday morning (ten hours) and the h.u.s. registered 42 degrees. Very well pleased with the boiler.

WARRICK BROS., Washington, Penn.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

Send for Catalogue.

# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

Ageratum Stella Garney, R. C. \$50 per 100, prepaid. 2-in., 2c. J. L. Schiller, Toledo, O.

Ageratums, rooted cuttings, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ageratum, Imperial dwarf blue, 2½-in., \$2 per 100, Mosbach Greenhouse Co., Onarga, Ill.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. K. Davis Co., Morrison, Ill.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Duquoin, Ill.

ALTERNANTHERAS, red and yellow, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Alternantheras, red and yellow, 2½-in., \$2 per 100, Mosbach Greenhouse Co., Onarga, Ill.

Alternantheras, red and yellow, 2½-in., \$2 per 100, J. H. Cunningham, Delaware, O.

## ALYSSUM

Double giant alyssum, 70c per 100; \$8 per 1,000, prepaid. C. Humfeld, Clay Center, Kans.

Alyssum, giant dbl., R. C. 75c per 100, prepaid. 2-in., 2c. J. L. Schiller, Toledo, O.

Alyssum, dwarf Little Gem, 2½-in., \$2 per 100, Mosbach Greenhouse Co., Onarga, Ill.

Alyssum, dbl. and single, 2½-in., \$2 per 100, J. C. Schmidt, Bristol, Pa.

## AMPELOPSIS.

Ampelopsis Veitchii, 2-year, 18 to 24-inch pots, \$1.75 per doz.; \$12 per 100. Our new Trade List of everything you need now ready mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Ampelopsis, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Asparagus Sprengeri, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Araucaria excelsa, 5-in., 50c; 6-in., 75c. C. Eisele, Philadelphia.

## ASTERS.

Asters, Deere's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## ASPARAGUS.

Asparagus plumosus, and Sprengeri. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Asparagus plumosus, 2-in., \$2.50 per 100; 3-in., \$5; 4-in., \$10. Sprengeri, 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, 3-in., Sprengeri, 4-in., \$5 per 100. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-in., 2c; 3-in., 4c; 4-in., 6c. Mosbach Greenhouse Co., Onarga, Ill.

Potbound 3-in. Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Polivorth Co., Milwaukee, Wis.

Asparagus Sprengeri, 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, I. Asparagus Sprengeri, extra heavy 2-in., 2c. J. L. Schiller, Toledo, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, \$2 per 100; Sprengeri, \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 2-in., 2c; and 3-in., Vaughan's Seed Store, Chicago and New York.

## AZALEAS.

Azalea indica, also all the leading commercial varieties. H. Frank Darrow, 26 Barclay St., New York.

Azaleas, Jas. Smiths, Naarden, Holland.

Azaleas, Wm. Tricker, Arlington, N. J.

## BAY TREES.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK

Bedding stock, 3-in., \$4 per 100; Lemon verbenas, monvieve, Echeveria glauca, Salvia, variegated geraniums, Mrs. Parker, geraniums, Swainsona alba. Stock from 2½-in., \$2.50 100; German ivy, Impatiens Sultan and Holsti, cuphea, snapdragons, fuchsias, Var. Vinca, lobelia, Ageratum, Clematis Poniculata, Variegated ice plant, hardy pinks, Abutilon Savitzi, puting and rose geraniums, Rooted cuttings, from soil, \$1 per 100; Carnation Queen, German ivy, Salvia, pelvis, stevia, ageratum, tradescantia, ficus repens, lobelias, Santolina, Swainsona alba, Verbena, Chrysanthemums, rooted cuttings, White Cloud, Pacific Supreme, Bailey, Golden Glow, \$2 per 100. C. Eisele, Philadelphia.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100, Begonia La Patrie (new) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood. For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Palmsville, O.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, \$4 per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Flske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Caladiums, 5-7, 35c per doz.; \$2 per 100; 7-9, 60c per doz.; \$4 per 100; 9-11, \$1 per doz.; \$6.50 per 100; 11-14, \$1.63 per doz.; \$12 per 100. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, W. J. Eldering & Son, Overeen, Haarlem, Holland.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Cannas, 3-in., Alp. Bouvier, Buttercup, F. Vaughan, Egandale, J. D. Eisele, Jean Tissot, Louisiana, Mme. Crozy, Penn., Pres. Myers, Queen Charlotte, Richard Wallace, \$3 per 100; \$25 per 1,000. King Humbert, \$5 per 100; \$40 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Canna roots, Ex. Crampbell, Austria, Chas. Henderson, Mlle. Berat, Chicago, Iroquois Chief, Alsace and David Harum, \$2.50 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Cannas, B. Beary, \$2.50; D. Harum, \$2. Marlborough, B. Austria, America, Italia, Egandale, Penn., \$1.50 per 100. J. H. Dunn & Son, Westfield, N. Y.

CANNAS, 4-in. strong plants, Henderson, Patsy, Austria, Wyoming, Chicago, Egandale, GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. No. 1 20th Century red, \$5 per 100. Strictly cash. New National Floral Co., Bellevue, Pa.

Cannas, 10 vars., \$4 per 100. King Humbert, 3½-in., \$6. Jos. H. Cunningham, Delaware, O.

Cannas, The Cummings Co., Inc., Meridian, Miss.

## CARNATIONS.

Carnations, Enchantress, Perfection, Beacon, \$3 per 100; \$25 per 1,000; Rose Pink and White Enchantress, Winsor, \$2.50 per 100; \$20 per 1,000. Thompson Carnation Co., Joliet, Ill.

## ROOTED CARNATION CUTTINGS.

|                  | Per 100 | Per 1,000 |
|------------------|---------|-----------|
| Washington       | \$10.00 | \$75.00   |
| Sangamo          | 6.00    | 50.00     |
| Mary Tolman      | 6.00    | 50.00     |
| May Day          | 3.00    | 25.00     |
| Beacon           | 3.00    | 25.00     |
| White Perfection | 2.50    | 20.00     |
| Enchantress      | 2.50    | 20.00     |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

## ROOTED CARNATION CUTTINGS.

|                                  | 100     | 1,000   |
|----------------------------------|---------|---------|
| Washington, cerise, a sport from |         |         |
| Enchantress                      | \$10.00 | \$75.00 |
| Sangamo, brilliant flesh         | 6.00    | 50.00   |
| Mary Tolman, deep flesh          | 6.00    | 50.00   |
| May Day, flesh pink              | 3.00    | 25.00   |
| Enchantress                      | 3.00    | 25.00   |
| Alvina, cerise                   | 3.00    | 25.00   |
| White Enchantress                | 3.00    | 25.00   |

## CHICAGO CARNATION CO.

30 E. Randolph St. Chicago.

Carnations, Dorothy Gordon, plants from 2½-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C. \$1 per 100. Elbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2½-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

Carnations. For varieties and prices see advertisement elsewhere in this issue. F. Dornier & Son Co., La Fayette, Ind.

Carnations, Enchantress and Winsor, \$2.50 per 100; \$22 per 1,000 (prepaid). C. Humfeld, Clay Center, Kansas.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations, Echebrates, Lawson-Echebrates, Victory, Scarlet Glow, Admirer, D. Gordon, etc. A. M. Herr, Lancaster, Pa.

Carnation Dorothy Gordon, R. C. \$6 per 100; \$50 per 1,000. Joseph Hedges, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. Y.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## HARDY CARNATIONS.

The hardy, ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live out in the garden during the winter. We have pleasure in offering this new plant, as it will fill the bill. It is absolutely hardy, standing even the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By potting up in the fall you can have flowers in the house all winter. The color is a deep crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give as much satisfaction as the Hardy CARNATION "CRIMSON KING." Per dozen, \$1.25; per 100, \$8; per 1,000, \$75. 25 plants and cuttings at 100 rates. 250 plants at 1,000 rates. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CHRYSANTHEMUMS.

CHRYSANTHEMUMS: rooted cuttings, \$1.50 per 100; 2-in. \$3 per 100 of the following varieties: White and Pink Garza, Buckles, Enguehard, Bonafant, Golden Glow, T. Eaton, Pacific Supreme. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Chrysanthemums from 2-in. pots, Elise Paper-white, 5c; Pres. Taft, 4c; W. H. Chadwick, 2 1/2c; Oct. Frost, Jeanne Nonin, Golden Glow, Major Bonafant, J. L. Schiller, Toledo, O.

Chrysanthemums, novelties for 1911 and standard sorts. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Glory of Pacific, 2 1/2-in., 2c; Dr. Enguehard and Redstart, 2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. Y.

Hardy chrysanthemums, all colors, \$2 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums, leading vars., Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias. J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis Poniculata Grandiflora, strong one-year field-grown, \$6.50 per 100; \$60 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Eisele, Philadelphia.

## COBEAS,

Coba Standens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus. We have 6 to 10 varieties in sand and 2 1/2-in. pots, ready to go out any time. Let us know how many you want from 100 to 10,000. Also very fine stock plants in 4-in. which will be ready about May 15th. R. C. 70c per 100; \$6 per 1,000. Geo. A. Kuhl, Pekin, Ill.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus, Golden Bedder, Verschaffelti and others, \$1.50 per 100; \$12.50 per 1,000. Reesor Plant Co., Springfield, O.

Coleus, G. Bedder, Verschaffelti and Standard mixed, \$6 per 1,000. Giant leaved, \$3 per 100. A. M. Herr, Lancaster, Pa.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Coleus, \$2 per 100; \$18 per 1,000. E. G. Hill Co., Richmond, Ind.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

Cyclamen, transplanted seedlings, extra strong, 4 to 5 leaves, best strain in existence, 10 different varieties, ready to pot, \$2.50 per 100; \$22.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, transplanted seedlings. Best Giant commercial strain, sound, stocky plants with 3-5 leaves, 8 separate colors or mixed, 2 1/2-in. J. L. Schiller, Toledo, O.

Cyclamen, 2 and 2 1/2-in., \$3 per 100; 3-in., \$8; 4-in., \$10. The Leedham Bulb Co., Santa Cruz, Calif.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Seranton Florist Supply Co., Seranton, Pa.

Cyclamen, 2 1/2-in., \$1 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlia in 10c to books, hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 382, Denver, Colo.

Dahlias, cactus and decorative. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Dahlias, \$1 special offer by mail, postpaid, 12 new and best. Peacock Dahlia Farns, Williamstown, N. J. Postoffice, Berlin, N. J.

## DAISIES.

Daisies. We have a large lot of marguerites, Queen Alex. and yellow daisies, as well as some English Bellis daisies. Former three in 10c to 4-in. pots. Get these for they are in fine shape for Decoration Day. Geo. A. Kuhl, Pekin, Ill.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Slavia daisy Alaska, 2-in., \$2 per 100. Reesor Plant Co., Springfield, O.

## DECORATION DAY.

You will have calls for all kinds of plants for Decoration Day. Be sure and write us for what you may need. Geo. A. Kuhl, Pekin, Ill.

## DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., ready for shift, \$10 per 100. Fine stock, Cash. McDonald & Steele, Crawfordsville, Ind.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$75 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmons, Newton, N. J.

Dracena indivisa, 4-in., 10c 5-in., 20c; 6-in., 30c. C. C. Eisele, Philadelphia.

Dracena indivisa, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

## FERNS.

Ferns. Fine stock from 2 1/2-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern), NEW. See display advertisement March 25th issue, page 428. The American Florist. The grandest of all ferns. We book your order now for June 1st delivery, \$3.50 per dozen; \$35 per 100; \$240 per 1,000. Nephrolepis Bostoniensis (The Boston fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallifolides Farnes (The Fish Tail fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), an improved Amorphophall, \$1 per doz.; \$7 per 100. Nephrolepis Scottii (The New York fern), \$4 per 100. Nephrolepis Springfieldii (The Springfield fern), upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis Superbissima (The Plume fern), NEW, \$1 per doz.; \$8 per 100. Nephrolepis Whitmanii (The Ostrich Plume fern), \$3.50 per 100. Nephrolepis Harlessii (The Harris fern), a sport from Boston, of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$4 per 100; \$36 per 1,000; 4-in., \$4.50 per 100; \$45 per 1,000; 5-in., \$5 per 100; \$50 per 1,000; 6-in., \$5.50 per 100; \$55 per 1,000; 7-in., \$6 per 100; \$60 per 1,000; 8-in., \$6.50 per 100; \$65 per 1,000; 9-in., \$7 per 100; \$70 per 1,000; 10-in., \$7.50 per 100; \$75 per 1,000; 11-in., \$8 per 100; \$80 per 1,000; 12-in., \$8.50 per 100; \$85 per 1,000; 13-in., \$9 per 100; \$90 per 1,000; 14-in., \$9.50 per 100; \$95 per 1,000; 15-in., \$10 per 100; \$100 per 1,000; 16-in., \$10.50 per 100; \$105 per 1,000; 17-in., \$11 per 100; \$110 per 1,000; 18-in., \$11.50 per 100; \$115 per 1,000; 19-in., \$12 per 100; \$120 per 1,000; 20-in., \$12.50 per 100; \$125 per 1,000; 21-in., \$13 per 100; \$130 per 1,000; 22-in., \$13.50 per 100; \$135 per 1,000; 23-in., \$14 per 100; \$140 per 1,000; 24-in., \$14.50 per 100; \$145 per 1,000; 25-in., \$15 per 100; \$150 per 1,000; 26-in., \$15.50 per 100; \$155 per 1,000; 27-in., \$16 per 100; \$160 per 1,000; 28-in., \$16.50 per 100; \$165 per 1,000; 29-in., \$17 per 100; \$170 per 1,000; 30-in., \$17.50 per 100; \$175 per 1,000; 31-in., \$18 per 100; \$180 per 1,000; 32-in., \$18.50 per 100; \$185 per 1,000; 33-in., \$19 per 100; \$190 per 1,000; 34-in., \$19.50 per 100; \$195 per 1,000; 35-in., \$20 per 100; \$200 per 1,000; 36-in., \$20.50 per 100; \$205 per 1,000; 37-in., \$21 per 100; \$210 per 1,000; 38-in., \$21.50 per 100; \$215 per 1,000; 39-in., \$22 per 100; \$220 per 1,000; 40-in., \$22.50 per 100; \$225 per 1,000; 41-in., \$23 per 100; \$230 per 1,000; 42-in., \$23.50 per 100; \$235 per 1,000; 43-in., \$24 per 100; \$240 per 1,000; 44-in., \$24.50 per 100; \$245 per 1,000; 45-in., \$25 per 100; \$250 per 1,000; 46-in., \$25.50 per 100; \$255 per 1,000; 47-in., \$26 per 100; \$260 per 1,000; 48-in., \$26.50 per 100; \$265 per 1,000; 49-in., \$27 per 100; \$270 per 1,000; 50-in., \$27.50 per 100; \$275 per 1,000; 51-in., \$28 per 100; \$280 per 1,000; 52-in., \$28.50 per 100; \$285 per 1,000; 53-in., \$29 per 100; \$290 per 1,000; 54-in., \$29.50 per 100; \$295 per 1,000; 55-in., \$30 per 100; \$300 per 1,000; 56-in., \$30.50 per 100; \$305 per 1,000; 57-in., \$31 per 100; \$310 per 1,000; 58-in., \$31.50 per 100; \$315 per 1,000; 59-in., \$32 per 100; \$320 per 1,000; 60-in., \$32.50 per 100; \$325 per 1,000; 61-in., \$33 per 100; \$330 per 1,000; 62-in., \$33.50 per 100; \$335 per 1,000; 63-in., \$34 per 100; \$340 per 1,000; 64-in., \$34.50 per 100; \$345 per 1,000; 65-in., \$35 per 100; \$350 per 1,000; 66-in., \$35.50 per 100; \$355 per 1,000; 67-in., \$36 per 100; \$360 per 1,000; 68-in., \$36.50 per 100; \$365 per 1,000; 69-in., \$37 per 100; \$370 per 1,000; 70-in., \$37.50 per 100; \$375 per 1,000; 71-in., \$38 per 100; \$380 per 1,000; 72-in., \$38.50 per 100; \$385 per 1,000; 73-in., \$39 per 100; \$390 per 1,000; 74-in., \$39.50 per 100; \$395 per 1,000; 75-in., \$40 per 100; \$400 per 1,000; 76-in., \$40.50 per 100; \$405 per 1,000; 77-in., \$41 per 100; \$410 per 1,000; 78-in., \$41.50 per 100; \$415 per 1,000; 79-in., \$42 per 100; \$420 per 1,000; 80-in., \$42.50 per 100; \$425 per 1,000; 81-in., \$43 per 100; \$430 per 1,000; 82-in., \$43.50 per 100; \$435 per 1,000; 83-in., \$44 per 100; \$440 per 1,000; 84-in., \$44.50 per 100; \$445 per 1,000; 85-in., \$45 per 100; \$450 per 1,000; 86-in., \$45.50 per 100; \$455 per 1,000; 87-in., \$46 per 100; \$460 per 1,000; 88-in., \$46.50 per 100; \$465 per 1,000; 89-in., \$47 per 100; \$470 per 1,000; 90-in., \$47.50 per 100; \$475 per 1,000; 91-in., \$48 per 100; \$480 per 1,000; 92-in., \$48.50 per 100; \$485 per 1,000; 93-in., \$49 per 100; \$490 per 1,000; 94-in., \$49.50 per 100; \$495 per 1,000; 95-in., \$50 per 100; \$500 per 1,000; 96-in., \$50.50 per 100; \$505 per 1,000; 97-in., \$51 per 100; \$510 per 1,000; 98-in., \$51.50 per 100; \$515 per 1,000; 99-in., \$52 per 100; \$520 per 1,000; 100-in., \$52.50 per 100; \$525 per 1,000; 101-in., \$53 per 100; \$530 per 1,000; 102-in., \$53.50 per 100; \$535 per 1,000; 103-in., \$54 per 100; \$540 per 1,000; 104-in., \$54.50 per 100; \$545 per 1,000; 105-in., \$55 per 100; \$550 per 1,000; 106-in., \$55.50 per 100; \$555 per 1,000; 107-in., \$56 per 100; \$560 per 1,000; 108-in., \$56.50 per 100; \$565 per 1,000; 109-in., \$57 per 100; \$570 per 1,000; 110-in., \$57.50 per 100; \$575 per 1,000; 111-in., \$58 per 100; \$580 per 1,000; 112-in., \$58.50 per 100; \$585 per 1,000; 113-in., \$59 per 100; \$590 per 1,000; 114-in., \$59.50 per 100; \$595 per 1,000; 115-in., \$60 per 100; \$600 per 1,000; 116-in., \$60.50 per 100; \$605 per 1,000; 117-in., \$61 per 100; \$610 per 1,000; 118-in., \$61.50 per 100; \$615 per 1,000; 119-in., \$62 per 100; \$620 per 1,000; 120-in., \$62.50 per 100; \$625 per 1,000; 121-in., \$63 per 100; \$630 per 1,000; 122-in., \$63.50 per 100; \$635 per 1,000; 123-in., \$64 per 100; \$640 per 1,000; 124-in., \$64.50 per 100; \$645 per 1,000; 125-in., \$65 per 100; \$650 per 1,000; 126-in., \$65.50 per 100; \$655 per 1,000; 127-in., \$66 per 100; \$660 per 1,000; 128-in., \$66.50 per 100; \$665 per 1,000; 129-in., \$67 per 100; \$670 per 1,000; 130-in., \$67.50 per 100; \$675 per 1,000; 131-in., \$68 per 100; \$680 per 1,000; 132-in., \$68.50 per 100; \$685 per 1,000; 133-in., \$69 per 100; \$690 per 1,000; 134-in., \$69.50 per 100; \$695 per 1,000; 135-in., \$70 per 100; \$700 per 1,000; 136-in., \$70.50 per 100; \$705 per 1,000; 137-in., \$71 per 100; \$710 per 1,000; 138-in., \$71.50 per 100; \$715 per 1,000; 139-in., \$72 per 100; \$720 per 1,000; 140-in., \$72.50 per 100; \$725 per 1,000; 141-in., \$73 per 100; \$730 per 1,000; 142-in., \$73.50 per 100; \$735 per 1,000; 143-in., \$74 per 100; \$740 per 1,000; 144-in., \$74.50 per 100; \$745 per 1,000; 145-in., \$75 per 100; \$750 per 1,000; 146-in., \$75.50 per 100; \$755 per 1,000; 147-in., \$76 per 100; \$760 per 1,000; 148-in., \$76.50 per 100; \$765 per 1,000; 149-in., \$77 per 100; \$770 per 1,000; 150-in., \$77.50 per 100; \$775 per 1,000; 151-in., \$78 per 100; \$780 per 1,000; 152-in., \$78.50 per 100; \$785 per 1,000; 153-in., \$79 per 100; \$790 per 1,000; 154-in., \$79.50 per 100; \$795 per 1,000; 155-in., \$80 per 100; \$800 per 1,000; 156-in., \$80.50 per 100; \$805 per 1,000; 157-in., \$81 per 100; \$810 per 1,000; 158-in., \$81.50 per 100; \$815 per 1,000; 159-in., \$82 per 100; \$820 per 1,000; 160-in., \$82.50 per 100; \$825 per 1,000; 161-in., \$83 per 100; \$830 per 1,000; 162-in., \$83.50 per 100; \$835 per 1,000; 163-in., \$84 per 100; \$840 per 1,000; 164-in., \$84.50 per 100; \$845 per 1,000; 165-in., \$85 per 100; \$850 per 1,000; 166-in., \$85.50 per 100; \$855 per 1,000; 167-in., \$86 per 100; \$860 per 1,000; 168-in., \$86.50 per 100; \$865 per 1,000; 169-in., \$87 per 100; \$870 per 1,000; 170-in., \$87.50 per 100; \$875 per 1,000; 171-in., \$88 per 100; \$880 per 1,000; 172-in., \$88.50 per 100; \$885 per 1,000; 173-in., \$89 per 100; \$890 per 1,000; 174-in., \$89.50 per 100; \$895 per 1,000; 175-in., \$90 per 100; \$900 per 1,000; 176-in., \$90.50 per 100; \$905 per 1,000; 177-in., \$91 per 100; \$910 per 1,000; 178-in., \$91.50 per 100; \$915 per 1,000; 179-in., \$92 per 100; \$920 per 1,000; 180-in., \$92.50 per 100; \$925 per 1,000; 181-in., \$93 per 100; \$930 per 1,000; 182-in., \$93.50 per 100; \$935 per 1,000; 183-in., \$94 per 100; \$940 per 1,000; 184-in., \$94.50 per 100; \$945 per 1,000; 185-in., \$95 per 100; \$950 per 1,000; 186-in., \$95.50 per 100; \$955 per 1,000; 187-in., \$96 per 100; \$960 per 1,000; 188-in., \$96.50 per 100; \$965 per 1,000; 189-in., \$97 per 100; \$970 per 1,000; 190-in., \$97.50 per 100; \$975 per 1,000; 191-in., \$98 per 100; \$980 per 1,000; 192-in., \$98.50 per 100; \$985 per 1,000; 193-in., \$99 per 100; \$990 per 1,000; 194-in., \$99.50 per 100; \$995 per 1,000; 195-in., \$100 per 100; \$1,000 per 1,000; 196-in., \$100.50 per 100; \$1,005 per 1,000; 197-in., \$101 per 100; \$1,010 per 1,000; 198-in., \$101.50 per 100; \$1,015 per 1,000; 199-in., \$102 per 100; \$1,020 per 1,000; 200-in., \$102.50 per 100; \$1,025 per 1,000; 201-in., \$103 per 100; \$1,030 per 1,000; 202-in., \$103.50 per 100; \$1,035 per 1,000; 203-in., \$104 per 100; \$1,040 per 1,000; 204-in., \$104.50 per 100; \$1,045 per 1,000; 205-in., \$105 per 100; \$1,050 per 1,000; 206-in., \$105.50 per 100; \$1,055 per 1,000; 207-in., \$106 per 100; \$1,060 per 1,000; 208-in., \$106.50 per 100; \$1,065 per 1,000; 209-in., \$107 per 100; \$1,070 per 1,000; 210-in., \$107.50 per 100; \$1,075 per 1,000; 211-in., \$108 per 100; \$1,080 per 1,000; 212-in., \$108.50 per 100; \$1,085 per 1,000; 213-in., \$109 per 100; \$1,090 per 1,000; 214-in., \$109.50 per 100; \$1,095 per 1,000; 215-in., \$110 per 100; \$1,100 per 1,000; 216-in., \$110.50 per 100; \$1,105 per 1,000; 217-in., \$111 per 100; \$1,110 per 1,000; 218-in., \$111.50 per 100; \$1,115 per 1,000; 219-in., \$112 per 100; \$1,120 per 1,000; 220-in., \$112.50 per 100; \$1,125 per 1,000; 221-in., \$113 per 100; \$1,130 per 1,000; 222-in., \$113.50 per 100; \$1,135 per 1,000; 223-in., \$114 per 100; \$1,140 per 1,000; 224-in., \$114.50 per 100; \$1,145 per 1,000; 225-in., \$115 per 100; \$1,150 per 1,000; 226-in., \$115.50 per 100; \$1,155 per 1,000; 227-in., \$116 per 100; \$1,160 per 1,000; 228-in., \$116.50 per 100; \$1,165 per 1,000; 229-in., \$117 per 100; \$1,170 per 1,000; 230-in., \$117.50 per 100; \$1,175 per 1,000; 231-in., \$118 per 100; \$1,180 per 1,000; 232-in., \$118.50 per 100; \$1,185 per 1,000; 233-in., \$119 per 100; \$1,190 per 1,000; 234-in., \$119.50 per 100; \$1,195 per 1,000; 235-in., \$120 per 100; \$1,200 per 1,000; 236-in., \$120.50 per 100; \$1,205 per 1,000; 237-in., \$121 per 100; \$1,210 per 1,000; 238-in., \$121.50 per 100; \$1,215 per 1,000; 239-in., \$122 per 100; \$1,220 per 1,000; 240-in., \$122.50 per 100; \$1,225 per 1,000; 241-in., \$123 per 100; \$1,230 per 1,000; 242-in., \$123.50 per 100; \$1,235 per 1,000; 243-in., \$124 per 100; \$1,240 per 1,000; 244-in., \$124.50 per 100; \$1,245 per 1,000; 245-in., \$125 per 100; \$1,250 per 1,000; 246-in., \$125.50 per 100; \$1,255 per 1,000; 247-in., \$126 per 100; \$1,260 per 1,000; 248-in., \$126.50 per 100; \$1,265 per 1,000; 249-in., \$127 per 100; \$1,270 per 1,000; 250-in., \$127.50 per 100; \$1,275 per 1,000; 251-in., \$128 per 100; \$1,280 per 1,000; 252-in., \$128.50 per 100; \$1,285 per 1,000; 253-in., \$129 per 100; \$1,290 per 1,000; 254-in.,

Geraniums, Nutt and 6 others, 3-in., \$4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, R. C. Nutt, Ricard, Poitevine, \$10 per 100. A. M. Herr, Lancaster, Pa.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 35 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsman & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

## GERBERAS.

Gerbera Jamesoni hybrida, seeds, 60c per 100; \$5.75 per 1,000. Seedlings, \$2.88 per 100; plants in pots, 2-in., 75c per 100; \$6.72 per 100; 3-in., \$2.40 per 100; \$19.20 per 100; 4-in., \$3.36 per 100; \$28.80 per 1,000. Establishments Horticoles, Du Littoral, Cap D'Antibes (Alp-Mar.), France.

## HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus Multiflora, a. pl., \$10 per 1,000. Garden pinks, Lychins Hagea, Eyrarum, Gallardia grandiflora, and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Hardy perennials, Vaughan's Seed Store, Chicago and New York.

Herbaceous plants, Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELITROPES.

Heliotrope, rooted cuttings, \$1 per 100; \$8 per 1,000; prepaid. C. Humfeld, Clay Center, Kan.

Heliotropes, \$3 per 100; \$25 per 1,000. E. G. Hill Co., Richmond, Ind.

Heliotrope, rooted cuttings, 75c per 100; prepaid. Chas. Frost, Kenilworth, N. J.

Heliotrope, R. C., \$1 per 100. Geo. M. Emman, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Allegheny strain in mixture, all at \$3 per 100, \$25 per 1,000. Dahlias and hardy plants, catalogue W. W. Wilmore, Box 382, Denver, Colo.

## HYDRANGEAS.

Hydrangea Arborescens Grandiflora Alba or (Hills of Snow), NEW 2-year-old field-grown, 2 to 5 canes, \$2 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins., \$5 per 100; 2 to 3 feet, \$6; 3 to 4 ft., \$7. Tree shaped, 3 to 24 ft., \$8; 3 to 4 ft., \$10. J. H. Dann & Son, Westfield, N. Y.

Hydrangea paniculata grandiflora, 4 to 5 ft., \$20 per 100. Storrs & Harrison Co., Painesville, O.

## IVY.

Ivy, root cuttings, English, \$9 per 1,000; German, \$7 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Ivy, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

German Ivy, 2½-in., \$2 per 100. Mosbeck Greenhouse Co., Onarga, Ill.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

## JASMINES.

Jasmine buds, \$1 to \$1.50 per 100; \$8 to \$13 per 1,000. 500 at 1,000 rate. Woodward Floral Co., Alvin, Texas.

## LILACS.

LILACS in bloom, purple and white, \$1.50 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Lilacs. Jacobs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley. Jacobs Smits, Ltd., Naarden, Holland.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$16 per 1,000. The florists' money maker, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

Lily of the valley, cold storage pipes, case of 1,000, \$12.50; case of 200, \$36. J. M. Thorburn & Co., 33 Barclay St., New York.

## MOONVINES.

Moonvines, Ipomoea Maxima, the giant flowering; flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around; 2½-inch pots, \$4 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, 2½-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

## MUSHROOM SPAWN.

Mushroom Spawn, Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

## NIEREMBERGIA.

Nierembergia gracilis, indispensable for fine bouquets or basket work, 2½-in., \$3; R. G., \$1. W. J. Olds, Union City, Pa.

## NURSERY STOCK.

Trees, Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dyrebus, 6 to 8 ft., 50c. Acer Negundo, 8 to 10 ft., \$1. Salix Americana, 7 to 8 ft., \$1.25. Ulmus Montana pendula, 10 to 12 ft., \$2. Populus Moenchiana, 2 to 2½-in., 75c. Shrubs, Cornus Siberica, 3½ to 4 ft., 25c. Spiraea Sorbifolia, 2½ to 3 ft., 20c. S. Thunbergii, 2½ to 3 ft., 25c. Symphoricarpos Racemosa, 4 to 5 ft., 50c. S. Vulgaris, 2½ to 3 ft., 20c. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1½-in. stems, 7 to 8 ft. trees, 50c each. Dyrebus Cherry, 2-yr., 1½-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$25 per 100. Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbing. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, funkias, Japan maples, hydrangeas. Jacobs Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Burbank's Othello plum. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock, arbor vitae (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 288 Broadway.

Orchids, largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

Orchids, all commercial, cattleyas and novelties. Carillo & Baldwin, Manassas, N. Y.

## PANDANUS.

PANDANUS UTILIS, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

50,000 FIELD-GROWN Pansy plants, never under glass, strong, bushy plants. THE KIND THAT SELL, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

50,000 transplanted pansies, finest imported strains, \$1.25 per 100, \$10 per 1,000. Write for sample. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Pansies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kenilworth, N. J.

Pansies, transplanted, mixed, \$5 per 1,000. Mosbeck Greenhouse Co., Onarga, Ill.

Pansy plants, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

## PALMS.

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms, Kentias. Joseph Heacock Co., Wycombe, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Julius Roehrs Co., Rutherford, N. J.

Palms, Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies. Write for our special price list on PEONIES. We have all the best and the new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all vars. Jacobs Smits, Naarden, Holland.

## PELARGONIUMS.

Pelargoniums, assorted colors, 3-in., \$1 per 12; 5-in., \$2.50 per 12. Cash. P. Rieth & Co., Downers Grove, Ill.

## PEPPERS.

Christmas peppers, 2½-in., \$2.50 per 100. Mosbeck Greenhouse Co., Onarga, Ill.

## PHLOX.

Phlox. We offer fifty thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## POINSETTIAS.

Poinsettias, 2½-in., \$8 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

## PRIMULAS.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

## PRIVET.

Privet. American privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Ligustrum Iota, \$3 per 100; \$40 per 1,000; \$350 per 10,000. The Horticultural Co. office, Worcester, Mass. Nurseries: Castle Haven, N. C.

Amor River privet. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## RHODODENDRONS.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacobs Smits, Naarden, Holland.

Rhododendrons. Wm. Tricker, Arlington, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It



**ROSES.****ROSE PLANTS.**

For 2½-inch pots.

|                           | For 100 | Per 1,000 |
|---------------------------|---------|-----------|
| RICHMOND .....            | \$3.50  | \$30.00   |
| WHITE KILLARNEY .....     | 6.50    | 60.00     |
| AM. BEAUTY, bench plants. |         |           |
| 1-year-old .....          | 7.00    | 65.00     |

GEO. REINBERG,

162 North Wabash Ave., Chicago.

Roses, Killarney, White Killarney, Richmond, My Maryland, Kaiserin, Bride and Bridesmaid, 2½-in., \$15 per 100; \$120 per 1,000. Newer varieties: Double Pink Killarney, Prince de Bulgarie, Mrs. Aaron Ward, Dark Pink Killarney and Radiance, A. N. Pierson, Inc., Cromwell, Conn.

Roses, Lady Hillingdon, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Du. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses ready to ship, 1,200 Malds, 1,000 Richmonds, 500 Cardinals, 2,000 Brides, 500 Kaiserin. Geo. A. Kuhl, Pekin, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. Leedle Floral Co., Springfield, O.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITT-BOLD Co., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses, My Maryland, 2½-in., Kaiserin, 2½-in., \$35 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Newport Fair, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, hybrid teas. Wm. Tricker, Arlington, N. J.

Tree roses, 4 to 5 ft., \$35 per 100. Storrs & Harrison Co., Painesville, O.

New Rambler (violet blue). Ellwanger & Barry, Rochester, N. Y.

Roses, leading varieties. Leedle Floral Co., Springfield, O.

Roses. 3-in. Wood Bros., Fishkill, N. Y.

Roses. Dingee & Conard Co., West Grove, Pa.

Roses, Bobbink & Atkins, Rutherford, N. J.

**SALVIA.**

20,000 transplanted Salvia seedlings, Ball of Fire, Bonfire, Troop Spike and Zurich, \$1 per 100; \$8 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Salvia Jewel, introduction 1911, much superior to Zurich, 2-in., \$1 doz. Bavaria (White Zurich) B. C., 1½; 2-in., 2c. J. L. Schiller, Toledo, O.

Salvias, Zurich and Splendens, 2½-in., 2½c. Mosbek Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvias, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvia, \$2.50 per 100. E. G. Hill Co., Richmond, Ind.

Salvia, 2-in., \$2.50 per 100. Jos. H. Cunningham, Delaware, O.

Salvia, 2½-in. ready to ship out. Geo. A. Kuhl, Pekin, Ill.

**SEEDS.**

Seeds, Asparagus plumosus nanus, 2,000 seeds, \$7.50; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seeds, cabbage, cauliflower, carrot, mangel, swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, Asparagus plumosus nanus, \$2.25 per 1,000 seed. Asparagus Sprouter, 50c oz., post-paid to any address in the U. S. Price larger quantities on application. Morris & Snow Seed Co., 425 S. Main St., Los Angeles, Calif.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, narsip, radish, salsify. C. C. Morse & Co., 48-50 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett Seed Co., Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, pansy, 1,000 seeds 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds, Arthur T. Haddington, 342 W. 14th St., New York.

Seven Top Turnips, D. Lindroth Seed Co., Bloomsdale Farms, Bristol, Pa.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 10th St., New York.

Seeds, Lindroth Seed Establishment, Bloomsdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Seeds, cabbage, cauliflower or root seeds. L. Dahnfeldt, Odense, Denmark.

Seeds, Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seed, pansy, Matchless, \$4 per doz. Masterpiece, \$3 per doz. J. J. Sandridge, Mandeville Road, Enfield Lock, England.

Bermuda onion seed. Wildport Bros., Port Ortolano, Ten-riffe, Canary Islands.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, nigellone, verberna. Waldo Rohmert, Gilroy, Cal.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quendlinburg, Germany.

For Southern Seeds—Headquarters. N. L. Willett Seed Co., Augusta, Ga.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routsanz Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

**SMILAX.**

Smilax, strong seedlings \$4 per 1,000. P. Rieth & Co., Downers Grove, Ill.

Smilax, Wood Bros., Fishkill, N. Y.

**SNAPDRAGONS.**

Snappdragons, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**STOCKS.**

Stocks, English double Tea Week Stocks, separate colors, 2½-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**SPIREAS.**

Spiraea Van Houtel. For sizes and prices see advertisement elsewhere in this issue. Spiraea Gladstone, forcing clumps, \$9 per 100. Vaughan's Seed Store, Chicago and New York.

Spiraea Gladstone, Queen Alexandra, 6-in., in bloom, \$6 per doz. GEO. WITT-BOLD Co., Edgebrook, Chicago, Ill.

Spiraea, J. Smits, Ltd., Nardden, Holland.

**STOVE PLANTS.**

Store plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

**VEGETABLE PLANTS.**

Asparagus roots, Conover's Colossal and Palmetto, 3-yr., 50c per 100; \$4 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

Tomato, strong seedlings, 10 different varieties, \$3 per 1,000. Parsley moss, curled, \$1.50 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Lettuce, Grand Rapids, seedlings, extra large, \$2 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

Pot tomato plants, best early varieties, \$2 per 100. Cash, please. F. Windeler, Rushville, Ind.

**VERBENAS.**

Verbenas, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Verbenas, About 3,000 in 2-in., different colors, ready to go out. Geo. A. Kuhl, Pekin, Ill. Verbenas, separate colors, 2½-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca variegata, 4-in., \$12 per 100; 2-in., \$2 per 100; \$18 per 1,000. W. W. Coles, Kokomo, Ind.

Vinca var., 2-in., \$2 per 100. Geo. M. Emmans, Newton, J.

Vinca var., 2-in., \$2 per 100; \$18 per 1,000. Reeser Plant Co., Springfield, O.

Vinca minor, strong field-grown stock. 5c. Mosbek Greenhouse Co., Onarga, Ill.

**VINES.**

Vines, vinca, German ivy, Cobea scandens, English ivy, and Kewdwilth ivy. Write us the kinds you will need. Geo. A. Kuhl, Pekin, Ill.

**VIOLETS.****VIOLET CUTTINGS.**

FANCY PRINCESS OF WALES,  
\$12 per 1,000.

KENNICOTT BROS. COMPANY,  
163-165 N. Wabash Ave.,  
CHICAGO.

Violets, Swanley White, \$3 per 100. Storrs & Harrison Co., Painesville, O.

**WHOLESALE CUT FLOWERS.****Commission Dealers.**

Amling, E. C., 70 E. Randolph St., Chicago.

Angermueller, Geo. H., 1324 Pine St., St. Louis, Mo.

Badgley, Riedel & Meyer, Inc., 34 W. 28th St., New York.

Demund Co., J. B., 160 N. Wabash Ave., Chicago.

Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 57 W. 28th St., New York.

Gillet, E. G., 131 E. 3rd St., Cincinnati, O.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Horner Bros., 162 N. Wabash Ave., Chicago.

Holton & Hunkel Co., 462 Milwaukee St., Milwaukee.

Hunt, E. H., 131 N. Wabash Ave., Chicago.

Kaestig Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennicott Bros. Co., 163 N. Wabash Ave., Chicago.

Kessler Bros., 136 W. 28th St., New York.

Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Forrester, 162 N. Wabash Ave., Chicago.

Knebel, Wm. H., 23 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 55 W. 28th St., New York.

Ley, Joseph J., 56 W. 26th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCullough's Sons Co., 316 Walnut St., Cincinnati.

McKethen, Chas. W., 162 N. Wabash Ave., Chicago.

Millang, Aug., 41 W. 28th St., New York.

Millang, Chas., 55 W. 26th St., New York.

Moltz, A. & Co., 55 W. 26th St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 162 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 339 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-heating hot water boilers. S. Wilks Mfg. Co., 3563 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

**GOLD FISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO.,

920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.55; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, 4c and 5c, 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburg, Pa.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction, cypruss roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. Kim Construction Co., N. Tonawanda, N. Y.

**GUTTERS.**

Gutters. Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Schartz Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, 1¢ per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

Cramer's None. Such insecticide, \$5 per gal. port. Cramer Mfg. Co., P. O. Box 474, Freeport, Ill.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Southcoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Pulv, \$6.50 per case of 12 paraffined boxes.

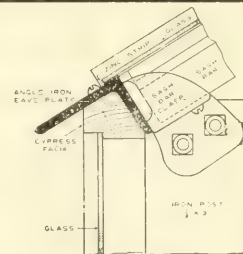
**MISCELLANEOUS.**

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerrwood, Pa.

Towers, tanks, windmills, silos. Waterworks supplies of all kinds. The Baltimore Cooperage Co., 9 S. Howard St., Baltimore, Md.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

## A Talk for the Man Who Is Thinking of Putting His Money and His Time in the Wooden Eave and Gutter House



No delays, no fussing, no mistakes, for all holes in the Iron Posts and the Galvanized Eave Plate are drilled at the factory. It saves you time—it saves you money.

**P**ERHAPS you are barking up the wrong tree and don't know it. Why take anybody's say-so as gospel truth, when you might better sharpen your pencil and figure your own things out?

Take our Pipe Frame House, for instance, and for this particular argument, let's set aside for the moment all talk about its durability, increased lightness and all sorts of things and get right down to erection costs alone.

You order from a greenhouse milling concern, cypruss materials and they come to you exactly as they left the machines. It's up to you to set posts every four feet or so, nail the wooden plate to them, and work out the spacing for the roof bars. And now your trouble begins, for a slight variation of this spacing will make your glass too tight, too loose—and you know it's next to impossible to toe-nail a bar on the plate and not have it slip one way or the other, and that means a good deal of time lost in straightening them.

Let's see how it rounds up in the end: You put your wooden posts every four feet or so—dig all those holes—spend all that time setting the posts. Our guaranteed Iron Posts are spaced every 8 feet 4½ inches, just half as many posts, so that what is saved in labor and the cost of those extra wood posts, about pays the difference in cost of our Iron Post.

Our galvanized Eave Plate is bolted to the Iron Posts by a fitting, and all holes being drilled at the factory it has to go together the right way—you can't make any mistakes. Then the holes in the plate for the bolts of the Sash Bar Clamps are also accurately spaced by machine—before being shipped to you, so the bars must snap absolutely even—anyone can put on the bars and can't possibly get them wrong. Here again you save time besides getting an eave that's solid as a rock, casts about a third the shade, clears the roof from snow and ice, and outlasts any eave that's ever been made.

Now this is the comparison of only one structural cost point—but there are a good many more—each as conclusive—each as much of a money saver in the end and you ought to know every one of them. So before you put another stick into another house, send for our circulars and catalogues and give them the careful consideration that a money saving, money-making proposition should receive. Besides this there is the question of gutters if you build ridge and furrow houses. Next week we will tell you just how our kind of gutters save you money.

**Lord & Burnham Co.,**  
IRVINGTON, N. Y.

New York  
St. James Building.  
Philadelphia  
Reed Building.

Boston  
Tremont Building.  
Chicago.  
The Rookery.

Iron reservoir vases and lawn settlers. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1061 Fulton St., Chicago.

Plant bed cloth, waterproof sheeting, bay caps, etc. Henry Dealy, 123 F. Chambers St., New York.

Chiffons, any color, 4-in. wide, 3c per yard; 6-in., 4c; 10-in., 6c. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

New imported florists' baskets. The Roshlin Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Model extension carnation support; galvanized rose stakes. Igoo Bros., 266 N. 9th St., Brooklyn, N. Y.

Reservoir vases. The M. D. Jones Co., 717½ Portland St., Boston, Mass.

Gummed gold, silver and purple letters. J. Lichtenberger, 1641 Ave. A, New York.

Pillsbury's carnation Staples, 50c per lb., postpaid. I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Superior carnation staple, 1,000, 50c postpaid. L. J. Waite, 293 Main St., Springfield, Mass.

Store and office fixtures, bookbinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Bolgiano & Son, Baltimore, Md.

Mastiva for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower and design boxes, all sizes. C. C. Polworth Co., Milwaukee, Wis.

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The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

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Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

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Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Pots of all kinds. L. Hrudka Pottery Co., 2619 Herndon St., Chicago.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

**STAKES.**

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 55c; 600 for \$3.50 for 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

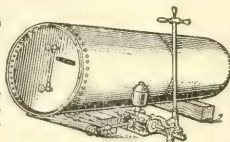
Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.





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### Brampton, Ont.

Business has been brisker than ever during Easter week, and even though the lily crop was not as good in quality and quantity as last season, the bulbous stock and an exceptionally fine lot of carnations helped out to a very appreciable extent. Every single fern and palm was cleared out by the beginning of the week, and not a lily or an orchid could be cut by Saturday morning. Even the violets found a ready market, the same weather that held back a large cut of roses being mainly responsible for an unexpected supply that florists were glad to handle at \$1.50 per hundred. There will be some fine stock ready in about a fortnight's time, but the growers in this vicinity never had a better outlet for their products. In Ontario alone the number of retailers has increased 25 per cent within the last twelve months.

### NOTES.

The Toronto Horticultural Society brought over 300 people on a special Canadian Pacific Railroad train the Saturday before Easter, and the visitors enjoyed a leisurely walk through the Dale Estate, which looked at its best just prior to the busy Easter rush. Most of the excursionists were somewhat disappointed in not being able to procure a few flowers as a souvenir of their visit to the famous greenhouses, but it was equally as hard on the staff to have to refuse them owing to the exigencies of trade.

The Dale Estate had just completed a 300 ft. sod shed begun in the fall, and have in hand for this year the erection of an up-to-date cold storage plant, new stabling accommodations, and three 650 ft. houses for American Beauties.

Spring is very late in Brampton. This time last year saw three large greenhouses erected and all ready for the glass; this season not a post hole has been dug up to the present, while today it is snowing. W. G. P.

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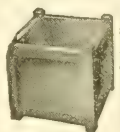
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are the best and cheapest in the market for palms, boxwood, bay trees, etc. They are attractive in design, strong and durable suitable for either indoor or outdoor use. Made of cypress which gives them a lasting quality. We manufacture various styles and sizes. Write for prices.

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We will gladly send to you our catalogue of Red Cedar Tree Tubs and our quartered oak with brass hoop Jardinieres. Write

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Manufactured by  
THE M. D. JONES CO., 71-73  
Portland St., Boston, Mass.

PITTSBURG PA.—In the display of Easter plants at Schenley Park the eight different houses, as far as possible, each continued one variety of plant, one house containing Holland bulbs, another lilies, etc.

## MASTICA

FOR Greenhouse Glazing

**USE IT NOW.**

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Are positively the best. Last forever. Over 50,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes 3/8 and 1/2. 40c per lb. by mail 16c extra. 7 lbs. for \$2.50. 15 lbs. for \$5.00. by express. For sale by the trade.

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Good for small or large glass, do not rust, easy to drive 3/8 and 1/2 inch. Per lb. 40c. 5 lbs. \$1.85. 20-lbs. \$7.00

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Send along the particulars.



**Hitchings & Co.,** Main Office, Elizabeth, N. J.

New York Office, 1170 Broadway

## San Francisco.

The spring flower show given under the auspices of Pacific Coast Horticultural Society and the California State Floral Society was opened in the Norman room of the Fairmount, March 30, and continued until April 2. The room was beautifully decorated with huckleberry and fruit blossoms, and the entire room was filled with choice plants and flowers. The prize for table decorations was awarded to Stein & Levin, whose table was decorated with daffodils. The Golden Gate Park displayed a fine collection of palms and blooming plants. Exhibits which were awarded special prizes, not being entered in competition, were made by the Pelicano-Rossi Co., of roses and blooming plants; McRorie-McLaren Co. showed a large azaleas, wisterias and orchids, among which were some very rare specimens; H. Plath, collection of *Primula obconica*; Domoto Bros., flowering plants and evergreens; Ferrari Bros., hyacinths and bulbous stock. The attendance was exceptionally large, the show being a financial success, netting about \$1,000, which will be used in equipping the laboratory of the Children's Hospital.

## Indianapolis.

### AN EXCELLENT EASTER.

Easter trade was excellent. Hardly a flower was left in any of the sales-rooms. There was a little surplussage with some of plants but not enough to hurt. The weather was favorable for good business; we had as fine a day as any man could wish for. On nearly every street one could have seen at least one florist's wagon. There were over one hundred florist's wagons in use.

Smith & Young Co. announce that they will open a wholesale store in the down-town district in the near future. Iceboxes, counters and delivery car have been contracted for. As to location, nothing definite has been decided, but three very suitable sites are being considered and no doubt before the end of the month a room will be rented. The object of the promoters is to offer to the Indianapolis retailers at all times a complete line of cut flowers, greens, etc. in the most convenient manner. Although managed by Herman Jung of the above named firm, the new venture is supported by most local growers and some very prominent out-of-town florists.

A. W. B.

ROCHESTER, N. Y.—The Rochester Floral Co. have opened a store at 12 Clinton avenue, and just completed a conservatory at the Main street store, in which to display their stock.

## Attention!! Glass Buyers!!

### GREENHOUSE GLASS.

You will save money if you obtain our prices before you buy.

Quality A No. 1. Prompt shipments.

### Hooker's Greenhouse White Paint

The most durable white paint for this purpose.

Half barrels, (25 gallons) per gal., \$1.70. 5 gal. pails, per gal., \$1.75.

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## GLASS

We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

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Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/8 inch to 2 inch inclusive with arms to carry 8 inch or 12 inch boards.

## THE ADVANCE CO.,

542 N. 14th St.,  
RICHMOND, IND.

### Pasadena Gardeners' Association.

The sixth annual spring flower show of the Pasadena Gardeners' Association was held under most favorable weather conditions at the Hotel Maryland, Pasadena, Calif., April 13-15. The attendance was excellent and the show of considerable interest, the tennis court of the above hotel being covered with a large tent for the purpose. Local nurserymen and seedsmen made an elegant display of popular stock, though the date being so close to Easter doubtless kept some away. In the class for the best scenic effect of plants, J. Hertrich, gardener at the Huntington estate, put up a very good exhibit, covering a lot of space, and containing a large assortment of fine plants. At one end was an artistic display of water plants and rock work flanked with some elegant neat specimens of Kentia Fosteriana and other palms and ferns. A number of choice plants of Phoenix Roebelenii were included and an immense piece of the pendent Goniophlebium sub-aureulatum in the finest possible health.

Howard & Smith, of Los Angeles and Monticello, have to be placed first among the trade exhibits, their display being remarkable for the fine quality and immense numbers of field grown amaryllis (hippeastums) shown. These, Mr. Howard said, were equally early as the greenhouse grown plants, and were surely a magnificent lot. Seedling gerberas and a fine batch of pelargoniums were also noted in their stand. Ed. Rust, of the Palm Nurseries, staked a most interesting lot of coniferous and other trees and shrubs, as well as a good display of greenhouse plants. Erica Meditteranea was in fine order, and we noted some elegant little specimens of Biota aurea and other dwarf furnishing stock in the best of order. Robert Pegg, of the Mentor Nursery, had fine Moutan peonies in his group, while J. Dietrich showed Japanese dwarf trees that looked as though the California climate agreed with them almost too well for them to keep their character.

E. D. Sturtevant, of Hollywood, showed several very interesting things, among them being Rosa gigantea, which is now flowering with him in fine shape. It is a grand thing, like a glorified Cherokee rose, but of much thicker texture, and of a soft creamy white. This flowers regularly with Mr. Sturtevant. He also showed Chorizanthe illicifolium grown in the open, the showy Solandra guttata (copa d'or), a magnificent variety of Erythrina caffra and others. A varied and choice display of cacti was put up by H. Boorman, these being shown on artificial rockwork in a very natural and pleasing manner. Among the exhibits of outdoor flowers the palm ought to be awarded the tulips. They were magnificent, while there were also elegant displays of watsonias, ranunculi, iris,

# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

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Manufacturers, PLATTENVILLE, LOUISIANA

## Greenhouse Material

of Louisiana Cypress and  
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## Hot Bed Sash

Washington Red Cedar,  
Patent V and U Gutters.

Our grade invariably the best, our prices right.

Write for catalog and estimate when figuring on your new houses.

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Mention the American Florist when writing

Use our patent  
Iron Bench  
Fittings and  
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THE JENNINGS IMPROVED  
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## IMPROVED VAPORIZING PANS

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## WILKS' Hot Water Boilers

ARE THE MOST ECONOMIC

Boiler for Greenhouses

No Night Fireman Required  
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**SELF-FEEDING HOT WATER BOILERS.**

Send for Catalog and Prices.

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**EVANS' Improved  
Challenge  
Ventilating  
Apparatus**

Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind.

ixias and others. To a lover of California wild flowers, the exhibits in this section were of great interest and so showy and beautiful are many of these that they compared favorably with the garden flowers shown close by. During the cold nights recently one exhibitor of indoor stock had to withdraw at the last moment, but Howard & Smith stepped into the breach with a fine lot of choice conifers which were greatly admired.

H. R. R.

Only Insecticide Sold Under a Guarantee

\$5.00

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**None Such Insecticide**  
(Guaranteed)

At last we have an article that is being used and recommended highly by the leading florists, a remedy that will do away with all Green Flies, Thrips, Mealy Bug, Scale, Slugs, Ants, Bark Lice, Aphides, Wire Worms and Red Spider. It is not injurious to the tenderest foliage; in fact, it invigorates plant life.

A small quantity of this solution mixed with water will furnish you with first-class results.

Send for a gallon today.

Once tried, always used.  
Express prepaid to all parts of the U.S.A.

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Guaranteed

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Gallon

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### Building and Propagating Sands

Fire Brick and Fire Clay, Portland Cement  
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# Tobacco Paper "Nico-Fume" LIQUID

IS THE  
STRONGEST  
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OVER 40% NICOTINE

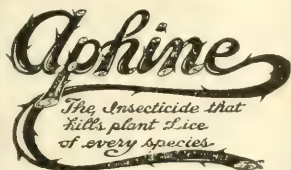
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| Pint.....       | \$ 1.50 |
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| 5 Gallons.....  | 47.25   |

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.



Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects.  
An excellent cleanser for decorative stock. Used as a spray you can rely on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material.  
It has no equal for destroying mildew on roses and carnation rust.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.  
Our products are not alone endorsed, but are continuously used by leading commercial growers, professional yard-men, park departments and state colleges of the country.  
Aphine and Fungine can be used in house or field.

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Bug Killer and  
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For PROOF  
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COMPANY,  
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Green Flies and  
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are easy to kill with  
The Fumigating Kind Tobacco Powder  
\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
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We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

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The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your Dealer about our Extension Hose, Extension Rods, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

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**Nikoteen** The most effective and economical material there is for spraying plants and blooms.  
**Nikoteen** Is skillfully extracted from leaf tobacco and carefully refined; it is clean and easy to apply.  
**Nikoteen** does the work when vaporized either in pans on pipes or over a flame. Full Pint Bottles, \$1.50.

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## Nikoteen Aphis Punk

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

Price \$6.50 per case of 12 paraffined boxes. All Seedsmen.

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INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless to vegetation.

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

PERFECTION CHEMICAL CO.,  
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Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910.

Guaranteed under insecticide act 1910. Serial No. 91 of U. S. Agricultural Dept.

## Cattle Manure in Bags Shredded or Pulverized



Pure - dry - uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequalled for all field use. Write for circulars and prices.

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## Building Materials and Supplies

Marvelous bargains in Greenhouse Sash and Building Material of all kinds. Corrugated Roofing and Siding, Structural Iron, Gutters, Eave Spouts, Hydrants and Valves, 10,000 feet Rubber Hose, Soil Pipe, Plumbing Material of all kinds, Boilers, Feed Pumps, Flower Pots, etc. Thousands of other articles of interest to Florists or Greenhousemen.

We Can Save You from 30 to 75%.

300,000 feet of Standard Pipe, all sizes, will be cut to any length.

Send for our Special Roofing Book No. 47.

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35th and Iron Sts., CHICAGO

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A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University.

Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250-page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.

Nashville.

Since the beginning of lent, trade has been rather quiet and all the florists are rejoiced that Easter has at last broken the dullness, and gay life will begin once more. The growers in this city were well prepared for the Easter trade, and brought in from their greenhouses a magnificent stock, both as to quality and quantity. Of Easter lilies there was no scarcity and potted plants of every kind were to be had, of hyacinths, tulips, narcissi, there was apparently no end. Hydrangeas, of which there was a fine supply were a great favorite. Potted Rambler roses were fine, and some of the florists had potted bleeding-hearts. The roses were right on crop, much to the gratification of the dealers, and were of a fine quality, American Beauty led, and were most excellent, white and pink Killarney, Richmond and other roses were abundant. Sweet peas, snapdragon, and a fine variety of stock served to make up pretty mixed boxes of cut flowers. Prices were not materially advanced.

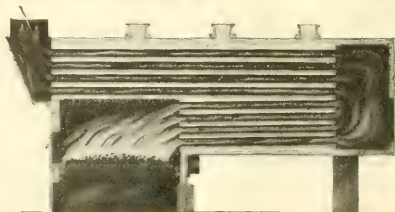
NOTES.

The market-house had its full quota from the various gardens around Mount Olivet, L. Haury & Son, Allen, from the Belmont College, Arnold Schmidt and heading all, McIntyre Bros., with a magnificent supply of not only plants, but cut-flowers. Trade was brisk and of the thousands who left the market-house, scarcely one came away without a flower of some kind.

The display at the Joy Floral Co. was built in tiers massed with bloom, while the spacious rear and cellar contained a large supply. They had some

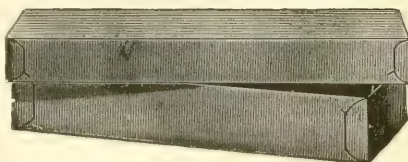
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To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**  
840-850 W. Superior St., CHICAGO, ILL.



## CUT FLOWER AND Design Boxes

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
MILWAUKEE.

## New Imported Florists' Baskets

Our line of baskets contains many absolutely new designs that have never been seen in this country. It is all freshly imported stock from Europe, and is the work of true artists. Let us send you a sample trial order. We know we can please you. Call and see us when in Chicago. **SEND FOR FREE CATALOG.**

**The Raedlein Basket Co.,** 713 Milwaukee Ave., near Huron St., **Chicago**

## H. BAYERSDORFER & CO.



### Florists' Supplies.

1120 Arch Street, PHILADELPHIA, PA.  
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## REED & KELLER,

122 W. 25th St., NEW YORK.

### FLORIST'S SUPPLIES.

We Manufacture all Our

**Metal Designs, Baskets, Wire Work, and Novelties**, and are dealers in **Glassware, Pottery, Decorative Greens** and all **Florists' Requisites**.

superb rhododendrons and orchids in bloom.

Many of the smaller growers and private concerns sent plants and cut-flowers to the dry goods stores and sold at reduced rates to the disgust of the trade.

Geny Bros. had an immense stock and the banking in tiers was splendidly arranged. This was the first Easter in their new store. M. C. D.

PITTSBURG, PA.—The annual Easter display at the Phipps conservatories, Schenley Park, was opened Sunday, April 9. The exhibit included lilies, roses, hydrangeas, spirea and other spring blooming plants.

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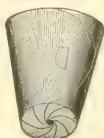
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CHICAGO AND NEW YORK, APRIL 29, 1911.

No. 1195

## THE AMERICAN FLORIST

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## SUGGESTIONS FOR PLANT GROWERS.

### After Easter.

Fortunate, indeed, is he who has sold out cleanly all the Easter stock, but in most cases there will be more or less of the blooming plants left over. There is need of room for the young stock and Easter being so late, the potting and spacing of these plants must receive immediate attention. What to do with the plants left is a question. The lilies must be cut and the bulbs either thrown away or they can be planted in the ground and will produce a spike of bloom during the summer. The azaleas can be given a light, cool position and with care grown on for another season. The hydrangeas and ramblers and other hard wooded stock are good to grow on and make larger specimens another year. All the more rapid growing plants should be looked over, and as the call for these will be very limited from now on, no great amount of stock should be on hand. The flowers on the bulb stock should be picked and the bulbs thrown away. Of the primulas and cyclamen, if there are many left over a few of the best and later plants may be selected and the balance discarded. It is a poor policy to clutter up the house with a lot of unsalable stock, every inch of room should be in active use at this season and returning a profit to the grower. Even with all the room available, after the Easter stock has been disposed of there may be need of more bench space for the spring plants, and as the carnations are very productive from now on, the cut will be larger than is necessary to meet the demand, and if the blooms are sent to market they frequently do not return enough to more than pay for transportation charges. It is better to pull up some of the plants and use the space they occupy for the young stock. In this case it is better to remove the old soil and spread an inch or more of sifted ashes on the bench, throwing the old soil out and thereby getting rid of some of the vermin it is sure to contain. The bedding stock will require plenty of room to have it in salable condition at the time it is needed, for the time this year is short compared with other years, and the

plants handled as expeditiously as possible. It means good, systematic planning and long hours for the next two months to make everything come out right and bring in the proper returns.

### Begonia Gloire De Lorraine.

Many growers prefer the short growing cuttings from the old plants to the leaf cutting, and there should now be a quantity of these low breaks which can be propagated. They root much more readily than the leaf cuttings, and, in the opinion of many, they make handsomer plants. The young stock that was rooted early should now be making good growth. The plants should be placed near the glass, where they will not get drawn, and as soon as the sun begins to be too warm, a light shade should be placed over them. They should be in a nice, airy position, for they do not do well in a close, moist atmosphere when they are growing. If kept in too moist and damp a location the leaves are apt to spot and are ruined. The plants should be given every opportunity to start into good growth, and in case any of the shoots show buds, these should be removed that the strength may be given toward making a short-jointed bushy plant. The soil for potting should be composed of good fibrous loam and leaf mold, two parts of the former to one of the latter, with a little sharp sand added. There has been more or less complaint during the past winter of the keeping qualities of this begonia after leaving the greenhouses. There is no doubt but that this plant will not do well in every location, even in a greenhouse, and our experience is that in some residences, in which the air is very dry, the temperature high, and with but little sunlight, this begonia will not keep in good condition any great length of time, but we have known of these plants continuing a mass of bloom throughout the winter in other dwellings. It is also the same in greenhouses, for the location must be favorable and the care the best to grow them successfully; in fact, if only a few plants are wanted it is better to buy them of the specialists in early summer than to attempt the culture in a small way.



**Cyclamens.**

The plants that have been produced from seed sown last autumn should now be fine stock and if not yet potted can be placed in pots at once. The soil should be two-thirds good compost, one-third leaf-mould, with a liberal sprinkling of clean sharp sand. There should be pieces of crock placed in the bottom of the pot, for good drainage is essential in growing cyclamens. If anything causes the drainage to get clogged the plant will surely be severely checked. The plants from later sown seeds are safer still in flats, and should not be placed in pots until they have grown quite a bunch of roots. But they should not be allowed to crowd and, if too close together, transplanted to other flats and given more room. In potting or transplanting the top of the small bulbs should be placed just below the top of the soil. As soon as the warm days approach and all danger of severe frosts are passed they are better grown in cold frames, where they can be given plenty of air and during the hot days of summer the glass should be given a light shade or the frames provided with lath frames. They will need constant attention and shifting in larger pots as the plants grow, never becoming pot-bound during the growing season.

**Violets.**

The propagation of the violet stock should be done at once, for with Easter passed the demand will fall off and it is time that preparation for the next year should be begun. Those that took cuttings earlier and rooted them should now have nice plants in flats, but most growers propagate by division. The plant should be dug from the benches and beds and all the old soil shaken off, and the young growths or runners cut off, preferably with a few young white roots and inserted in flats of good soil. Care should be taken that neither the old stock plants nor the young cuttings are left in the sun, but should be shaded, in fact, it is far better that the work be done in a shady location and the young shoots not allowed to be out of the soil too long, the tender white roots dry up very quickly and if this happens the plant has to make new roots, which gives it quite a check. The runners should be well watered as soon as the flat is filled and kept shaded for a few days, until root action has started. This is easily seen by the appearance of the plants. Where there is a well rooted stock of young plants they can be planted in the field or in a cold frame, which is also a fine place for the young stock just placed in the flats.

**BATAVIA, N. Y.**—L. C. Stroh & Son are in full crop for Easter, making large shipments of carnations to Buffalo.

**ALLENTOWN, PA.**—The display of Easter stock at the establishment of John F. Horn & Bro. was especially fine. Two of the older greenhouses will be torn down directly after Easter and replaced by three large ones of modern construction.

**SAN JOSE CALIF.**—The Pacific Coast Association of Nurserymen will hold their convention in this city June 21-23. Arrangements have been made to meet in the Assembly Hall of the Chamber of Commerce and the St. James Hotel has been selected as headquarters.

**THE RETAIL TRADE**

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**Mothers' Day.**

There is no fixed date for Mothers' day and to designate it by date is confusing. Mothers' day is celebrated always on the second Sunday in May whether it happens to be the eighth, as last year, or the fourteenth, which is the date this season. Many persons do not appear to have this matter fixed in their minds. On a calendar sent broadcast with all floral holidays especially designated, May 8 is stamped as Mothers' day and several dealers and growers have taken this as official. When Miss Anna Jarvis of Philadelphia found-



Bride's Bouquet

Arranged by Canger & Gornley Chicago.

ed the day or started its observance in honor of her mother, she set apart for that purpose the second Sunday in May, which was her mother's birthday. This is now the recognized and official day, and everyone interested should be able to remember the time as the second Sunday in May.

Push the observance of Mothers' day, as it is a beautiful sentiment and should become an important factor in the business. K.

**Bridal Bouquets.**

Of all the arrangements of flowers put together by florists there is none that attracts more attention or is more closely observed than are the bouquets and bunches designed for the bride to carry, and the ingenuity and ability of the best floral artists in the country have been exerted in producing effective arrangements for the wedding

ceremony. From the days of the closely arranged conventional bouquet of roses with its broad white satin ribbon, which was really not so very long ago, to the present time, with the light artistic sprays of the most beautiful flowers to be obtained, has been a steady advance in artistic work and a great stride in progressive arrangement. The early bridal work was very set and formal, adhering very closely to what are now known as old-fashioned bouquets enclosed in paper bouquet holders, with a large bow of double-faced satin ribbon, with long bows and ends. These were at that time invariably made of white roses, in fact, it was a great innovation when any other flower was selected to compose the bride's bouquet, for it seemed that the rose was the only proper flower that could be used for this occasion, and when the Catherine Mermet rose sported a white it was immediately called The Bride, a name which seemed very appropriate at that time. The rose and the orange blossoms were considered the two flowers for the bride, one to carry in the hand and the other to wear in the hair. But with the growing of lily of the valley under glass, and the ability to have this exquisite white flower at all seasons of the year, and also the production of orchid blossoms commercially, the rose found rivals in the flowers that were considered more select, and for the more elaborate weddings these exotics were used, and lighter and more artistic arrangements were made. It was then but a step to the use of any of the smaller white flowers for this purpose. Still the bridal bouquet today at the more select society functions is made of one of these exquisite products of the floral world. With the employment of these beautiful flowers it was but a step to leave the closely made bouquet, for with them came the requirement of handsome ferns to more properly set off the flowers, and this necessarily made a much lighter arrangement, and then came the changes in form from the round bouquet to the more spray-like formations.

While these changes in the flowers and arrangement were progressing the change in accessories was also taking place, and the fancy bouquet holders were discarded for backings and finishings of beautiful ferns, and the broad satin ribbons gave way to the lighter chiffons and taffetas and with the advent of the shower bouquets the use of the narrower baby ribbon, so that at the present time the bridal bouquet has taken on an entirely different form from what was considered conventional but a few years ago. And the more recent departure has been from the bouquet form entirely toward the wreath or ring. Still the bouquet is very closely associated with the bridal ceremony, and innovations of such a radical nature are not taken up quickly, and the greater number of brides still adhere to the bouquet.

The shower bouquet is today the generally accepted proper thing for the bride to carry, and made either of orchids, lily of the valley or roses, and in some cases of white sweet peas. While colors were rarely used at weddings, white being only appropriate for such occasions, yet the last few years have seen a few brides' bouquets made of the more highly colored orchids. The shower bouquet is made either in



PELICANO, ROSSI & CO.'S NEW STORE, SAN FRANCISCO, CALIF.

round or spray form, the showers falling away from the bouquet in pendants of baby ribbon, each little ribbon has small bunches of the flower of which the bouquet is composed fastened to it by small bows. These are tied in so that there are more of the small bunches close to the bouquet, gradually growing farther apart as the distance from the bouquet increases. Lily of the valley is the best of all the flowers for the shower bouquets, for the small bouquets must not be too heavy, and two or three sprays of lily of the valley with a small frond of adiantum makes the proper sized bunch for the showers. The bouquet should be well backed with nice adiantum, and in the more costly ones Adiantum Farleyense is used. The bouquet which we illustrate is a beautiful example of a shower bouquet of lily of the valley, finished with a bow of silk chiffon, and was arranged by Canger & Gormley of Chicago for a recent wedding.

CONCORD, MASS.—Two lectures on gardening have been given to the children at the greenhouses of Wilfred Wheeler. Children enjoy these lectures and are looking forward to those that are to follow.

HARTFORD, CONN.—A fire in the Coomb's green house establishment at West Hartford, March 25, caused a loss of \$1,000. The boiler-house was destroyed and four greenhouses partly burned.

## CHRYSANTHEMUMS

### Growing for Exhibition.

The cuttings of the exhibition varieties intended for show purposes should be got into the propagating bed without any further delay, this particularly applies to most of the imported varieties which require a long season of growth to mature a full double flower. The early flowering varieties of the commercial section, together with Golden Eagle, Ivory, Pink Ivory, Polly Rose and any other slow-growing short-jointed commercial varieties will also have to be propagated now to get the best results with them. The stock plants should be given a place near the light, in a cool house, where there is plenty of ventilation, so that an ample supply of well hardened cuttings can be had. They should be given enough water to keep up active growth without forcing by an overabundance, but to allow the stock plants to dry out to excess will cause the wood to get hard and wiry, making the cuttings more difficult to root. Clean sharp sand and a bench in a cool house are essential for the propagation. Pay particular attention to the cuttings to prevent their wilting by keeping the sand moist, and by frequent sprayings. If the cuttings can be held firm without any wilting they will root much quicker, shading by cloth or papers will have to be re-

sorted to during bright days, but do not leave it on longer than is necessary to shade from the sun or the cuttings will commence to draw up and become spindly.

To increase the stock of cuttings of a new or scarce variety, select a bench near the light in a rather warm house, making up a light compost and plant out the plants. They will rapidly take on growth, when the tops can be taken for cuttings, in a short while another supply will branch out from the sides and spring up from the bottom. A good hatch can be worked up by planting time, providing the cuttings are taken off as soon as they are large enough. Keep the soil open by scratching the surface every few days, and pay particular attention to keep these and all other chrysanthemum plants free of aphids and red spider. Just at this season of the year the chrysanthemums are very often neglected as regards keeping down the insects. This is a big mistake, and leads to a lot of extra trouble to get rid of them later on.

The earlier propagated stock, now in pots, should be shifted along regularly, as they get in condition, but do not let them become hard and pot-bound before giving them attention. At each potting a little stronger compost can be used, guard against overcrowding the plants and keep the soil free of weeds. The exhibition specimen plants are now in condition to demand close and frequent attention.



Pot them along as soon as the roots work through the soil in good shape, but do not carry the size of the pot to the extreme; better to give an extra potting than put a plant in a pot that is several sizes too large for it. If the object is to grow the plant to a clear stem out of the soil, it will be necessary to remove the suckers from the base as they appear, and this they will do very quickly when the plant is in active growth. Topping back the growths and shaping the specimen is also another important item

continually raised to keep the standard moving "upward and onward," but, even if they did not run out, the variety that we thought was a king five years ago, would be easily outdistanced in the shows of 1911 by this year's seedlings. The chrysanthemum today is systematically hybridized, and a careful and scientific record is kept of the peculiarities and good points of each variety. Where a variety has perhaps a splendid color and is deficient in foliage, the hybridizer will use that type just to get the color fit on a sturdy

Lemon and Onunda being among the most prominent flowers in the exhibitions just past. It is very encouraging to see one's varieties maintain their winning way year after year, but as before stated, the result is due to scientific selection of the seedlings, and we may reasonably expect still further advances will be made in the future.

Looking first at the variety Wm. Turner, this showed up splendidly with us, though stock was too limited to be exhibited at many of the shows. Mr. Wells stated, when writing regarding its winning the gold medal at Edinburgh, that it would easily beat Mrs. Syme. Those of us who remember the way Mrs. Syme was exhibited at Morristown in November, might perhaps be pardoned for a little skepticism, did we not know that in almost every case, varieties sent out by Mr. Pockett as improvements on this or that, have invariably fulfilled the prediction of their raiser. Wm. Turner is an excellent grower, just as strong as Mrs. Syme, and it will be interesting to note how long it takes the former variety to climb to the top of the heap.

The variety that I like best of all the novelties is Mrs. G. C. Kelly. This is certainly a splendid grower and seems to combine every good feature the chrysanthemum should have, and so far as I could see from my limited stock, no faults whatever. I had seven plants and each one produced a perfect flower. The color is old rose with a reverse light enough to give a general effect of silvery pink. I have predicted that this variety will be a leader in the shows next fall, time will prove whether I am right or not.

E. M. Byrnes, which many of you saw growing at my place, is not going to set the world on fire for size. It is only medium, but the color is wonderfully brilliant. We have, today, many splendid scarlets raised from the same stock, Pockett's Crimson. Pockett's Surprise and Leslie Morrison being perhaps the most largely grown. Byrnes, on account of its wonderful color, is entitled to be grown alongside of these kinds, and I think it possesses wonderful possibilities for the hybridizer.

Harry E. Converse may be described as an improved Howard Gould, giving



MacRORIE-McLAREN CO.'S DISPLAY AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.

that must be followed up closely, and when doing this let the topping back be done evenly so that not any of the shoots will get away from the others and cause an uneven looking specimen. Follow up the growth of the standards closely so as to encourage them to get to the point where they can form the heads. Protect the plants with stakes as soon as necessary, and pay particular attention to the watering, allowing them to dry out well between each watering and then water thoroughly.

C. W. JOHNSON.

#### The New Chrysanthemums for 1911.

Paper read by Charles H. Totty, of Madison, N. J., before the Morris County Gardeners' and Florists' Society at Morristown, N. J., February 8, 1911.

Just as regularly as the year rolls around, so does the chrysanthemum enthusiast, at flowering time, propound the question, "What have you got new in 'mums'?" There seems to be a perpetual craving among the chrysanthemum growers, more than any other flower growers, for something different. Since I have been giving you what we may here term as the "Yearly Digest," of new varieties, which extends now for a period of nine or ten years, we have seen many wonderful changes in the chrysanthemum. The marvelous flowers of Mrs. David Syme, exhibited at our own show last fall, shows perhaps a greater advance than any other variety, although in any color the "Peer" of five years ago is of very average quality today.

Chrysanthemums, it is true, run out more quickly than roses or carnations and many new varieties must be con-

stem, or he will proceed to work on a variety that is perfect in form, but small, to get that same form in a flower two or three times as large. The old days of saving seed indiscriminately from pollination by the wind or bees are past, and while one cannot yet definitely forecast exactly what will result from different crossings, a percentage of the seedlings will come near the desired result.

I will briefly describe a few of the novelties for 1911. What the varieties that I recommended last year so highly have done, is now a matter of history, Mrs. D. Syme, Howard Gould,



E. W. McLELLAN CO.'S DISPLAY AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.



E. W. McLELLAN CO.'S DISPLAY AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.

somewhat the same color with a larger flower and heavier growth. My only objection to Converse is, that it is so slow in reproducing, that I am afraid most of the exhibitors this year will have to go without it, as stock is altogether too limited for general distribution.

Lady Carmichael is a white which was heavily recommended by its behavior in Australia. Past performances have taught us that varieties that do well in Australia, and stand the sun and weather, will also do well here, as our climatic conditions are much the same. When we get temperatures running up into the seventies, and brilliant sunshine, unless a variety has lots of petals in it, it will become holloweyed and is then only half of its proper size. Carmichael should next year make an excellent showing, as it is a splendid grower and carries itself like a major. I think when this variety gets into general cultivation it will be considerably grown by the commercial men, to whom stiffness of stem is one of the chief essentials of profitable cul-  
cult the final assortment of a great many thousand seedlings, and it is in a large measure due to this unsparring pruning down, that the Wells-Pockett varieties occupy the enviable position that they do at the present time.

Of the American raised seedlings, F. E. Nash is the only one I have seen

personally, and I am, consequently, not in a position to say much regarding others. Nash is a Duckham seedling, giving one much the same color and splendid habit of growth, but it has reflexed petals, whereas, the Duckham petals are incurved. There are other American seedlings, Tarrytown, Morristown, Lenox, Glen Cove, etc., but I have not seen any of them and therefore am not in a position to give you any information about them.

The novelties in other types other than the tremendous exhibition flowers also show marked improvement. The newest singles, for instance, are very different from the types we were working with five years ago. Some of the best of this year's set are Miss Hilda Wells, a beautiful red with a yellow zone at the base of the petals; Crimson Mary Richardson, which is a sport of the most popular single ever sent out, Mary Richardson, and is worth growing by everyone; and two very handsome yellows are Margaret Totty and Emma L. Davis. And while speaking of singles, I may here mention, that, during the past two or three years, I have been experimenting and working up a group of what I may term, early flowering outside singles, which I have gotten down to such a fine point that I can guarantee them to be in full bloom the last week in August and the first week in September.

These, no doubt, will fill a long felt want, and will give a much different appearance to the estates and gardens, where the superintendent is an enterprising man, and wishes flowers along the drive or in clumps on the place. It will not only add to the beauty of the same, but they will give an overabundance of flowers for use; whereas, if it weren't for these, as has been, the place appears barren; and if he wants to find something to cut he has it. These single chrysanthemums are certainly very effective no matter how they are used.

Pompons, too, are not grown as much as I think they should be. Any gardener who has to produce great quantities of flowers from a limited space, will find it hard to grow anything that will give as great return for the time and space involved, as these chrysanthemums. They can be grown outdoors all summer and lifted in the fall and potted, or stuck into a deep frame, and they will give an abundance of flowers until quite late in November. Some newer varieties that are not as yet generally distributed are: Barney, Golden Bronze, Myers' Perfection, a very handsome white; Sylvia, Urith, Windlass and Yellow Gem.

The type known as early flowering varieties, many of you, with an old country training, will recall as flower-



ing so profusely outdoors during the months of August and September, will also give you varieties well worthy of your time and attention. We have been importing these sorts for the last three years, trying to get a selection that would come early enough to give you good satisfaction before the frosts. As you are probably aware, the intensely hot sun in July and August causes most of the early buds of these varieties to dry up. This is, of course, explained by the fact that the chrysanthemum is a cool growing plant. I would suggest that wherever possible, to plant them on a border facing north, where the rays of the very hot sun do not rest on them for many hours during the day, also where a man is not handling very many, a continuous use of the sprayer will help much to develop and expand the buds, thereby diminishing the loss of the same. We now have some 15 or 18 varieties that will begin to flower the third week in August. They need no greenhouse, and one need not worry about bud selection, simply give good soil and persistent cultivation. Plants set out in the spring and left to develop naturally, produce handsome bushes literally covered with flowers. I would state that, as a commercial proposition, these varieties produce more money per plant than any of the best large flowered kinds. A few of the most distinct and best growers are as follows: Ethel Blades, Horace Martin, Carrie, Marie Masse, Crimson Masse, Roi de Blancs, Tottie and Lillia. These types, like the pompons, are hardy enough in our section, with a little protection of dry leaves or litter. The better way to handle them, though, is to lift a few roots and carry them through the winter, either in a greenhouse or cold frame, then propagate young plants every spring. One reason many people do not have the success they should have with pompons, is because they imagine that once a plant is set out it is good indefinitely. This is only half true. The plant will live, but experience teaches any grower, that the best way to handle these varieties is plant out young stock every spring in new soil, and they will make better plants, and give far more flowers, than by being allowed to remain year after year in the same position.

I may also state that I am trying, to bring before the public once more, the incurved varieties. They seemed to have dropped into oblivion the past six or eight years. Previous to that, I have seen special classes arranged at the shows and every gardener took as much interest in his incurved varieties as he did over his large flowering ones, and with this idea in mind, I have listed this year several good and tried varieties including Chas. Blick, Chas. Pacque, Frank Triston, G. W. Matthews and Mathew Russel, also several others. There are many other such varieties of anemones, large anemone pompons and new Japanese anemone pompons, that I am at present experimenting with to find out their true worth.

In conclusion, gentlemen, there is nothing but a cheerful prospect in view for the chrysanthemum. The number of plants sold each year by the different houses catering to this kind of thing is something wonderful, and so long as we can keep introducing new

and meritorious varieties, so long will interest be maintained and everyone benefited.

#### Sweet Pea Buds Dropping Off.

ED. AMERICAN FLORIST:

We planted Merry Christmas sweet peas in boxes four feet long, one foot wide and one foot deep filled with good soil about one-third rotted manure. They have grown well but the buds turn yellow and drop off. Some of the plants have produced good blooms. Can you tell us the cause of the trouble?

H. B. V.

The reason that the buds drop off the sweet pea vines is that the temperature is too low. WILLIAM SIM.

#### Sowbug Remedies.

ED. AMERICAN FLORIST:

Will you inform me of a good remedy to rid the greenhouses of sowbugs?

B. M. N.

In the treatment of sowbugs, poisoned baits are the standard remedies. The fondness of sowbugs for potatoes long ago led to these being used poisoned either with Paris green or London purple; the potatoes are sliced and a thin covering of the powder applied. In addition to Paris green and London purple, arsenate of lead may be used. A still cheaper substitute is white arsenic, which is quite inexpensive, but

is, however, dangerous to apply to delicate plants. One or two tablespoonfuls of white arsenic to a bucketful of bran, sweetened with a quart of syrup or molasses, and the mixture placed in small lots on the beds, will prove very effective in controlling these insects. All old boards, broken crocks, and other rubbish should be cleaned out, for under these they congregate and breed. Such precautions will tend to greatly prevent any great damage or annoyance.

F. H. C.

#### Lily of the Valley in Cold Frames.

ED. AMERICAN FLORIST:

Can lily of the valley be planted permanently and successfully grown in cold frames? How should they be treated?

A. E. P.

Lily of the valley can be very successfully grown when planted permanently in cold frames and can be had in bloom from 10 days to two weeks earlier than those planted in the open. The pups should be planted in the fall and allowed to freeze and given a good covering of manure. When the frost begins to come out of the ground the sashes should be placed on the frames and then carefully ventilated and kept well watered. To keep up the quality of bloom, a three to four-inch coating of manure, preferably cow manure, should be spread on the bed every fall.

W.



H. PLATH'S DISPLAY OF PRIMULAS AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.



MacRORIE-McLAREN CO.'S DISPLAY OF BAYS AND EVERGREENS AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.

## PEOPLE WE KNOW.

### H. Frank Darrow.

By his prominence as an importer of things horticultural, and by his large standing connection with important leading European firms, H. Frank Darrow is well known to the trade, and it is with pleasure that we here-present his portrait, taken from a very recent photograph, with a short sketch of his business career.

Born in New London, Conn., in the year 1866, and receiving there a first-class education, he, at the age of 21, in the year 1887 to be exact, entered the employ of Theodore Pabst & Co., 26 Barclay street, who used the entire building, excepting the ground floor, and who were the American representatives for Vilmorin-Andrieux & Co., Paris, France, and for Louis Leroy's Nurseries Co., Angers, France. Theo. Pabst & Co., going out of business in 1893, the late Aug. Rhotert succeeded to the horticultural representation, adding other agencies and so getting together a complete and entire line for nurserymen and florists. Mr. Darrow was retained on the staff by Mr. Rhotert, and subsequently was given an interest in the business. On the death of Mr. Rhotert, which occurred in 1904, after a long illness, Mr. Darrow became sole owner of the business, and since July of that year has conducted it under his own name. Under Mr. Darrow's management, the yearly business increase is very gratifying. It is one of the largest of its kind in the country, and the European firms represented are among the best and most reliable in the world. Besides the two French firms already mentioned, he is sole agent for the United States and Canada for John Palmer & Sons, Ltd., Annan, Scotland; H. M. Hardyzer, Boskoop, Holland; The Haerens Co., of Ghent, Belgium, and E. Neubert, Wandersbek, Germany. Besides being the sole agent for the



H. Frank Darrow, New York.

above firms he is an importer of French, Japanese, Holland bulbs, and raffia, and also exports a great quantity of material and is a regular custom house broker. As a business man he is a success, as an acquaintance, he is genial and pleasant always. He is happily married and with his wife and family has resided in Flatbush, Brooklyn, for the past twelve years.

### Stevia Serrata.

If the cuttings of stevia have not yet been rooted there is still time to do this and have good stock for the fall blooming. They root very readily and grow rapidly. After they are rooted they should be potted in 2½-inch pots and grown on until time to shift or plant out. The dwarf varieties can be planted in the open ground as soon as the weather is seasonable, lifting in the fall and carrying them into the houses. The standards, however, are

much easier and better handled grown in pots. Before they become pot-bound in the small pots they should be shifted into 3-inch pots, and in early summer again shifted into 6-inch pots. They should not be neglected and allowed to remain in the small pots until they have become hard and wiry. In the early summer the pots should be plunged in a cold frame, where they can be watered regularly. Keep them well pinched back until August, so as to make the plants bushy and after they have grown to any height stake and tie them up to protect them from heavy rain and wind. The plants are very brittle, especially where the branches leave the main stems, and are very easily broken.

### Profiting by the Sermon.

A new minister had preached eloquently on the wisdom of God and His goodness in providing for us according to our needs. "It is the same with the flowers," he said. "Sunshine for your geraniums and heliotrope, a shady corner for your fuchsia."

The little woman who had listened intently, came forward to thank him. "I profited so much by your sermon," she exclaimed. The minister beamed. "I never knew before," she went on, "just what was the matter with my fuchsias."—Everybody's Magazine.

### Intended to Pay.

A bashful young lover walked into the house of his sweetheart bearing a large box with the name of a prominent florist written on the cover.

"How sweet and fresh they are!" cried the young lady, opening the box. "I believe there's a little dew on them yet."

"Why—er—yes," admitted the young man in great confusion, "but it's just a little, and I'll pay it tomorrow."—Success.

### Right in Line.

"Won't you join the national campaign to beautify our cities?"

"I'm deep in it already. My wife has painted a spray of flowers on our ash barrel."—Chicago Journal.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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We do not assume any responsibility for the  
 opinions of our correspondents.

**THE AMERICAN FLORIST,**  
 440 S. Dearborn St., CHICAGO.

**THIS ISSUE 56 PAGES WITH COVER**

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**MOTHERS' DAY** is the second Sunday  
 in May.

RENEW subscriptions promptly so  
 that no copies of the papers may be  
 missed.

ONE thousand dollars is offered for a  
 new rose by the directors of the Pana-  
 ma-California Exposition, according to  
 the daily press, the requisite being that  
 it is hardy and can be grown out  
 doors, and is entered with the Floral  
 Association by a resident of the United  
 States.

WASHINGTON, D. C.—The Avenue  
 Floral Co., O. W. Dalcorn, proprietor,  
 advises us that Mrs. W. H. Taft has  
 been pleased to accept a box of daffodils  
 from the Dalcorn Bulb Farm, compli-  
 menting the company on "growing such  
 splendid specimens." Wonder what Bill  
 will say when he hears about it?

## Chrysanthemum Society of America.

The following additional special pre-  
 mium is offered at the exhibition to be  
 held at St. Louis next November, to be  
 known as the Hitchings' Prize.

Best 30 blooms chrysanthemums, six  
 varieties five blooms each, not less  
 than 18 inch stems, Silver Cup, offered  
 by Hitchings & Co., New York.

C. W. JOHNSON, Sec'y.

## Sweet Peas for Winter Blooming.

William Sim, of Cliftondale, Mass.,  
 the well known and successful grower  
 of sweet peas, whose exhibit at the  
 Second National Flower Show at Bos-  
 ton attracted so much attention and  
 favorable comment, and who is an au-  
 thority upon the culture of sweet peas  
 under glass, states that the best varie-  
 ties of early flowering winter sweet  
 peas are Watchung, early white;  
 Christmas Pink, pink and white;  
 Greenbrook, white marked lavender,  
 one of the best; Earliest of All, pink  
 and white; Florence Denzer, white;  
 Mrs. C. H. Totty, light lavender; Wal-  
 lace, dark lavender; Mrs. Sim, sal-  
 mon; Gov. Fort, pink; Mrs. Smalley,  
 satin pink, a re-selected Earliest of  
 All; Mrs. F. J. Dolansky, light pink;  
 Helen Kellar, striped pink and white,  
 and Mrs. Geo. W. Lewis, white wavy.

## Florists' Hail Association.

A widespread hail storm devastated  
 portions of St. Louis and it's south-  
 western suburbs. Greenhouse at Kirk-  
 wood suffered largest damage, the fol-  
 lowing firms being hit to a greater or  
 less extent: Edward Sexauer, W.  
 Bruecker, Wm. Mackle, Chas. Krons-  
 berger, Rht. W. G. Scott, August Hart-  
 man, F. W. Ude, W. J. Pilcher, Wood-  
 bine Floral Co., G. Thuer, Geo. H. Goel-  
 bel, Wm. Winter, Albert Senger, Chas.  
 N. Main, Mrs. Theo. Richter, Fred C.  
 Weber, C. A. Hicks, Jos. Deutschmann,  
 Phil J. Goebel, J. F. Armann, R.  
 Wolfsberger, Bentzen Floral Co., Hugo  
 C. Gross, Arnold Scheddiger, Frand &  
 Aug Venenman, Wald, M. Stretzing,  
 J. E. Muldoon, Ellison Floral Co.,  
 Grimm & Gorley, J. G. Rahner, C. C.  
 Sanders, Mrs. L. S. Werth, N. Nie-  
 mayer, Fred Meinhardt, C. Young &  
 Sons Co., J. R. Steinkne.

JOHN G. ESLER, Sec'y.

## American Rose Society.

### EXHIBITION NOTES.

The great exhibition of flowers at  
 Boston was a wonderful display of  
 ornamental horticulture. The amount  
 of work there represented, exhibited  
 skill and careful selection of the high-  
 est character, and no one could have  
 visited the show and not have received  
 impressions that would be lasting in  
 their suggestiveness, of what plants  
 and flowers can do amid home sur-  
 roundings, either in city or country,  
 and without any disregard to other  
 sections or portions the most striking  
 exhibit there offered was the rose. The  
 cut flowers staged for three days by  
 The American Rose Society were the  
 attraction of all the visitors. The  
 brightness of the colors, the variety of  
 the shades, the difference in the sizes  
 of the flowers, all called for admira-  
 tion. Hundreds of children, who visit-  
 ed the show seemed to appreciate the  
 color greatly. One small girl shouted  
 out, as she came from another part,  
 "See, there are the roses! I like the

roses." The exhibits in the second sec-  
 tion on Friday, Saturday, and Sunday,  
 the last three days, were also the center  
 of attraction. Each of the three were  
 so different in their make-up that they  
 added to the other by comparison.  
 President Elliott's cabin-shaped exhibit  
 showed the roses that took the eye for  
 variety. A. N. Pierson's great mass  
 was so extraordinary that the specta-  
 tors looked with amazement at the ex-  
 tent of the mass. Adolph Farenwald's  
 display of roses and ferns arranged in  
 a circle on the floor, showed to great  
 advantage.

The total amount of the prizes  
 awarded reached the sum of \$1,845 be-  
 sides the specials. F. R. Pierson Co.  
 received a certificate of merit. Myers  
 & Samtamm received a certificate for  
 the rose, Hilda. S. J. Reuter & Son,  
 and Robert Scott & Son were awarded  
 silver medals. A. N. Pierson, Inc., was  
 awarded three certificates and carried  
 off the first prize of \$250. The honors  
 for pot roses were divided between M.  
 A. Walsh and Thomas Roland. The  
 Society of American Florist's silver  
 medal was awarded to M. A. Walsh.  
 The judges made the following mem-  
 orandum: "The rose, Madison, exhib-  
 ited by the Brant, Hentz Flower Co. is,  
 in the opinion of the judges, an ex-  
 cellent rose, apparently a variation from  
 the Bride, shown in excellent shape." So  
 close was the quality of all of the  
 exhibits that the judges made the fol-  
 lowing special report at the conclu-  
 sion of their awards: "The judges wish  
 to call attention to the special excel-  
 lence of all of the exhibits staged. The  
 competition was so keen that there was  
 very little difference in quality and  
 size between those awarded first and  
 second prizes, and the exhibits of the  
 roses at large, were of a quality ex-  
 ceedingly even and close. March 25th,  
 1911." William F. Kasting, Frederick  
 Burki, Otto G. Koenig, Walter F. Sher-  
 idan, judges. The judges for the sec-  
 ond division were Emil Buettner, Park  
 Ridge, Ill., Joseph Hill, Richmond, Ind.,  
 and J. R. Fotheringham, Tarrytown,  
 N. Y.

The display of pot and climbing roses  
 by M. H. Walsh of Woods Hole, Mass.,  
 was most certainly an enormous ex-  
 hibit. Adjoining this was a rose gar-  
 den laid out in a wonderful manner by  
 Thomas Roland, of Nahant, Mass.  
 These two exhibits which covered so  
 much space along the aisle, were there  
 they were seen and admired were talk-  
 ed about without limit, and the num-  
 ber of questions that were asked re-  
 garding these plants. Their time of  
 blooming. Would they grow under a  
 porch? Would they grow in a back  
 yard? Would they grow in a northern  
 exposure? Is the southern sun too hot  
 for them? These questions and an-  
 swers would all make a small book.  
 The retailers who exhibited under a  
 special class arranged five fine and in-  
 teresting exhibits.

At the annual meeting, which was  
 well attended, there being a delegation  
 of English gentlemen present, Adolph  
 Farenwald was elevated to the presi-  
 dency and Hon. Philip Breitmeyer of  
 Detroit was chosen vice-president.  
 Eber Holmes, of Montrose, Mass., was  
 added to the executive committee and  
 Wallace B. Pierson was re-elected for  
 a term of three years. Treasurer H. O.  
 May was re-elected, as was also the  
 secretary. The question arose concern-  
 ing holding the next rose show upon  
 the same dates as the carnation show  
 in the City of Detroit. Detroit is cer-  
 tainly a capital place for the meeting to  
 be held. Twenty-eight new and old  
 members paid their dues during the ex-  
 hibition. The medals and certificates  
 and special prizes will be delivered  
 without undue delay.

BENJAMIN HAMMOND, Sec'y.

## Meetings Next Week.

Albany, N. Y., May 4, 8 p. m.—Albany Florists' Club, 71 State street.  
 Buffalo, N. Y., May 2, 8 p. m.—Buffalo Florists' Club 385 Elliott street.  
 Chicago, May 4, 8 p. m.—Chicago Florists' Club, Union Restaurant, 72 West Randolph street.  
 Dayton, O., May 1, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.  
 Detroit, Mich., May 1, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
 Fall River, Mass., May 2, 8 p. m.—Fall River Florists' and Gardeners' Association.  
 Grand Rapids, Mich., May 1—Grand Rapids Florists' and Gardeners' Club, office of member.  
 Indianapolis, Ind., May 2, 7:30 p. m.—State Florists' Association of Indiana, State House.  
 Lake Geneva, Wis., May 6, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.  
 Lenox, Mass., May 6.—Lenox Horticultural Society.  
 Louisville, Ky., May 2, 8 p. m.—Kentucky Society of Florists, Third and Broadway.  
 Milwaukee, Wis., May 4, 8 p. m.—Milwaukee Florists' Club, Quiet House, Mason and Broadway.  
 Montreal, Que., May 1, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west.  
 New Orleans, La., May 3, 8 p. m.—German Gardeners' Club, Common street.  
 Newport, R. I., May 3.—Newport Horticultural Society.  
 Pasadena, Calif., May 5, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 Philadelphia, Pa., May 2, 8 p. m.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce.  
 Pittsburgh, May 2, 8 p. m.—Florists' and Gardeners' Club of Pittsburgh, Fort Pitt Hotel, 10th street and Penn avenue.  
 Salt Lake City, Utah, May 2.—Salt Lake Florists' Club, Hubbard Floral Co., 114 East Second South street.  
 San Francisco, Calif., May 6.—Pacific Coast Horticultural Society.  
 Seattle, Wash., May 2.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., May 2, 8 p. m.—Minnesota State Florists' Association, 519 Snelling avenue, north.  
 Utica, N. Y., May 4, 8 p. m.—Utica Florists' Club, Genesee hall, Oneida square.  
 Washington, D. C., May 2, 8 p. m.—Florists' Club of Washington, 1214 F street, n. w.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—By all-around florist; life experience; married; exceptional references.  
 J. HODGE 42 West St., Fitchburg, Mass.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruit, greenhouse and fowls. First-class references. Ready April 1; single; age 35. Address  
 Key 392, care American Florist.

**Situation Wanted**—Practical gardener, with experience in floriculture, perennials, viticulture, fruit and vegetable growing, married, wishes position.  
 Address  
 PAUL CERNY Crown Point, Indiana.

**Situation Wanted**—Position as grower of h. h. grade roses, carnations and general cut flowers and plants, by a married man of family; best of references from former employers. Address  
 FLORIST, 1650 Gilbert St., Grand Rapids, Mich.

**Situation Wanted**—As working foreman by a thoroughly capable grower of roses, carnations, mums, and all kinds of greenhouse and tropical plants and bulbs and the forcing of the same; references. Address  
 Key 433, care American Florist.

**Situation Wanted**—First-class gardener and florist; single man; on a private place 17 years' experience in flowers, fruit, vegetables and greenhouse; swede; speaks German; 8 months in this country; references in Sweden, Germany and United States. Address  
 Key 439, care American Florist.

**Help Wanted**—Competent grower of carnations and bulb stock; call in the afternoon.  
 SINGLER BROS.,  
 107th St. and Vincennes Road, Morgan Park, Ill.

**Help Wanted**—A good all-around florist with long years' experience in growing roses, carnations mums, plants for holiday trade, and a general line of bedding stock; have 3500 square feet under glass; good worker; Colorado man preferred.  
 G. FLEISHER, Pueblo, Colo.

**Help Wanted**—Competent, sober man to grow bulbs, pot plants and bedding stock; must know how to do a good job of bedding out; \$5.00 a week to start; prefer a married man who would appreciate a permanent position and fair, square dealing; the business is long established and thriving and amply able to pay more wages to the man who shows by results that he is worth more; give full particulars in first letter.  
 GREEN'S GREENHOUSES, Fremont, Nebr.

**For Sale**—Florist refrigerator, nearly new; fine condition; 52 inches deep.  
 A. G. PRINCE, Iowa City, Iowa.

**For Sale**—A good paving greenhouse in leading southern city; large stock. For particulars address  
 Key 437, care American Florist.

**For Sale**—6 greenhouses, 10,500 sq. ft. glass; steam heat county seat of 6000; no competition; fine location; good cause for selling; 10-room residence; write me if you want a location cheap. Terms to suit.  
 W. BRISCOE, Tipton, Ind.

**For Sale**—Up-to-date retail flower store, established nine years, doing profitable business, good transit trade; situated on main business street. Owner has two businesses and can manage only one. Golden opportunity for the right party. Immediate possession can be given. E. P. KNORR 223 Bergenline Ave., Union Hill N. J.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write  
 J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale Cheap**—Failing health; 9½ acres with 2 creeks houses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile; 20,000 population.  
 N. NEV, Second Avenue, Appleton, Wis.

**Wanted to Rent**—3 or 4 greenhouses by Sept. 1 near Chicago for 5 years. State all particulars in first letter. Address Key 438, American Florist.

## Greenhouses For Sale

18,000 sq. ft. of glass, fine dwelling house, stable, city water and gas; over 18 city lots; established 20 years; well situated at Maspeth, L. I. All in excellent condition. Will sell cheap on account of owner's illness. Inquire

WM. H. SIEBRECHT, Jr.,  
 277 Broadway, NEW YORK CITY.

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid

## Help Wanted

First-class lady clerk; good salary to right person.

ALPHA FLORAL CO.,  
 146 S. Wabash Ave., CHICAGO

## FOR SALE.

Small but good business; greenhouse, 25x50, cottage, 50 feet hot beds; in city limits in fast growing town in Oklahoma. No competition within 60 miles, \$1000.00 if taken at once. Address

Key 425, care American Florist.

## Private Place—Gardener.

Is open to engagement; has a thorough knowledge of all branches, including landscape work, flower and fruit growing, lawn and park work, greenhouse management, etc.; best references.

Key 426, care American Florist.

## WANTED

Seedsmen who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work; balance of the time in the house. Address

Key 440, care American Florist.

## Wanted

Foreman to take full charge of fifty thousand square feet of glass in a western city; must understand the cultivation of roses, carnations and general line of cut flowers; give references and wages expected in first letter; married man preferred.

Key 408, care American Florist.

## NURSERYMAN

Thoroughly experienced in landscape work and in the propagation and culture of nursery stock, including trees, shrubs and hardy herbaceous perennials; desires permanent position with western nursery concern specializing in these lines. For further particulars address

Key 427, care American Florist.





# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

## Extra Fine Long Roses

**\$30.00 per 1000**

## Extra Fine Medium Roses

**\$20.00 per 1000**

## Extra Fine Short Roses

**\$10.00 per 1000**

### CURRENT PRICE LIST:

| AMERICAN BEAUTIES        | Per Doz.       |
|--------------------------|----------------|
| Extra Select.....        | \$3.00         |
| Medium .....             | 2.00           |
| Short .....              | .75 to 1.50    |
| KILLARNEY, special       | Per 100.       |
| Fancy .....              | \$10.00        |
| Medium .....             | 8.00           |
| Good Short .....         | \$4.00 to 6.00 |
| RICHMOND, special        | Per 100.       |
| Fancy .....              | 10.00          |
| Medium .....             | 8.00           |
| Good Short .....         | \$4.00 to 6.00 |
| MY MARYLAND, special     | Per 100.       |
| Fancy .....              | 10.00          |
| Medium .....             | 8.00           |
| Good Short .....         | \$4.00 to 6.00 |
| WHITE KILLARNEY, special | Per 100.       |
| Select .....             | 10.00          |
| Medium .....             | 8.00           |
| Good Short .....         | \$4.00 to 6.00 |

| PERLE, long                                        | Per 100.                |
|----------------------------------------------------|-------------------------|
| Medium .....                                       | \$6.00                  |
| Our Extra special grade Roses charged accordingly. |                         |
| CARNATIONS, fancy .....                            | \$3.00                  |
| ORCHIDS, Cattleyas, per doz. ....                  | 2.00                    |
| HARRISII, per doz., \$1.50 .....                   | 2.00                    |
| CALLAS, per doz., \$1.50 .....                     | \$6.00 to 7.50          |
| JONQUILS .....                                     | 10.00                   |
| DAFFODILS .....                                    | 1.50                    |
| TULIPS .....                                       | 3.00                    |
| VALLEY .....                                       | 3.00                    |
| MIGNONETTE, large spikes .....                     | 4.00                    |
| SWEET PEAS .....                                   | 3.00                    |
| ADIANTUM CROWEANUM .....                           | 3.00                    |
| SMILAX .....                                       | \$3.00 to 4.00          |
| SPRENGERI, PLUMOSUS SPRAYS .....                   | 4.00                    |
| PLUMOSUS STRING .....                              | \$0.75 to 1.25          |
| FERNS .....                                        | \$1.00 to 2.50          |
| GALAX .....                                        | Per doz. \$2.00 to 2.50 |
| LEUCOTHOE .....                                    | \$3.00 to 4.00          |
| BOXWOOD, per bunch, 35; per case of 50 lbs. ....   | each .60                |
|                                                    | per 1000 4.00           |
|                                                    | per 1000 1.25           |
|                                                    | per 100 .75             |

**POEHLMANN'S FANCY VALLEY }  
EXTRA FINE HARRISII LILIES }**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other



# EXTRA FANCY BEAUTIES

THE FINEST THE MARKET AFFORDS.

Not only will you find our prices right, but the high quality of the stock we send out will make and keep your customers. Every order gets our personal attention, and we are confident we can give you every satisfaction. We are strong on

## Roses, Carnations, Orchids, Lilies, Callas and all Spring Stock

If anyone has it in this Market WE HAVE

### PRICE LIST

| BEAUTIES                      |                | Per doz. |
|-------------------------------|----------------|----------|
| Long stems.....               | \$4 00         |          |
| 30 to 36 inch stems.....      | \$3 00 to 3 50 |          |
| 20 to 24 inch stems.....      | 2 50           |          |
| 15 to 18 inch stems.....      | 1 50 to 2 00   |          |
| 12 inch stems.....            | 1 00           |          |
| Killarney, special            |                | Per 100  |
| .. fancy.....                 | \$6 00 to 8 00 |          |
| .. good.....                  | 4 00 to 6 00   |          |
| White Killarney, special..... |                | 10 00    |
| .. fancy.....                 | 6 00 to 8 00   |          |
| .. good.....                  | 4 00 to 6 00   |          |
| Richmond, special.....        |                | 10 00    |
| .. fancy.....                 | 6 00 to 8 00   |          |
| .. good.....                  | 4 00 to 6 00   |          |

|                             |                | Per 100 |
|-----------------------------|----------------|---------|
| Brides and Bridesmaids..... | \$4 00 to 8 00 |         |
| Maryland.....               | 4 00 to 8 00   |         |
| Gates and Uncle John.....   | 4 00 to 8 00   |         |
| Perle.....                  | 4 00 to 8 00   |         |
| ROSES, our selection.....   | 3 00           |         |

|                         |              |
|-------------------------|--------------|
| ORCHIDS, Cattleyas..... | 5 00 to 7 50 |
| CARNATIONS.....         | 2 00         |
| .. special fancy.....   | 3 00         |

### MISCELLANEOUS

|                    |                    | Per 100 |
|--------------------|--------------------|---------|
| Callas.....        | \$10 00 to \$12 00 |         |
| Easter Lilies..... | \$10 00 to 12 00   |         |
| Valley.....        | 5 00 to 4 00       |         |
| Sweet Peas.....    | 75 to 1 25         |         |

### MISCELLANEOUS

|                   |              | Per 100 |
|-------------------|--------------|---------|
| Jonquils.....     | 3 00 to 4 00 |         |
| Mignonette.....   | 35 to 75     |         |
| Spanish Iris..... | 4 00 to 6 00 |         |

### GREENS

|                                     |                          |
|-------------------------------------|--------------------------|
| Asparagus Plumosus, per string..... | \$0 50                   |
| .. Sprengeri, bunch.....            | \$0 25 to 50             |
| .. sprays.....                      | 35 to 50                 |
| Smilax.....                         | per doz. 1 50            |
| Fancy Ferns.....                    | per 1000. 4 00           |
| Adiantum.....                       | per 100. 1 00            |
| Galax Leaves.....                   | per 1000. 1 00 to \$1 25 |
| Boxwood.....                        | 50-lb. case. 7 50        |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751

161 N. Wabash Ave., CHICAGO

Wm. Graff, the well known florist of Columbus, O., was a welcome visitor on April 25. He is just recovering from the effects of an operation for appendicitis, which was recently performed. Mr. Graff says this year's Easter trade was the biggest he has ever enjoyed, the demand for plants being unusually large. He will leave in a few days for West Baden, Ind., to receive treatment at that famous resort.

On the anniversary of the date usually accepted as the birthday of Shakespeare the Woman's Club decorated the statue of the great poet in Lincoln Park with flowers. There were wreaths from many prominent actors and actresses which with the tributes from the members of the Woman's Club nearly covered the statue. Many of the flowers were furnished by the E. Wienhoeber Floral Co.

Vaughan & Sperry filled a large number of shipping orders on April 21, which helped considerably in cleaning up the large quantity of stock they had on hand. The cup which this firm has donated to the Florist's Club Bowling League was seen at their store on Monday. It is a beauty and a treasure which anyone would prize highly.

John Kruchten says that if he had received the gardenias for the Easter trade that are now being sent him, he would have been able to have shown his growers some very good returns. N. Wuestenberg is now in John's employ and Mr. Kruchten expects some day to make him his assistant manager.

Otto Wittbold and his force of assistants are very busy at the Geo. Wittbold Co's establishment at Edgebrook planting two carloads of nursery stock, which were received on April 20. Every available team in the neighborhood has been hired to assist them during the rush.

The sports and pastime committee of the Florists' Club, Allie J. Zech, Wm. Graff and Wm. Wolff, looked over several picnic grounds last Sunday, and finally decided in favor of Ehrhardt's grove at Park Ridge. The picnic will be held Sunday, July 23.

At Poehlmann Bros. Co's. store, good American Beauty and Killarney roses have been leaders all week. John Poehlmann is again seen at the store, after being confined for nearly a week with a sore throat.

The Raedlein Basket Co. is having a cement floor 50x100 feet laid in the basement of their store at 713 Milwaukee avenue. In the basement will be located the packing and storeroom.

The Chicago Carnation Co. is now very comfortably located in their new store, room 201 in the Atlas building, where they are much better situated to handle their increasing business.

Chas. L. Washburn says that Bassett & Washburn have no cause to complain over the present trade conditions, business being as good as could be expected under the circumstances.

Geo. Woodward, who was operated upon recently for bladder trouble at the Passavant hospital is progressing favorably and expects to be out in two or three weeks.

Victor Bros. have reason to feel proud of the Mrs. Jardine roses that they are cutting, for some were seen at the store with stems nearly four feet in length.

Weiland & Risch are cutting a large quantity of Killarney roses with fine color, foliage and stem. H. W. Rogers returned on April 20 from Spring Lake, Mich.

John Byers, better known as "Jack," has accepted a position as salesman with the Chicago Carnation Co., entering upon his duties April 24.

## REMOVAL NOTICE

We wish to announce that on May 1, we will remove from the Flower Growers' Market to our new Store **82-86 East Randolph Street** and extend a cordial invitation to the trade to call and see us at our new quarters

**SINNER BROS., 82-86 E. Randolph St. CHICAGO**

**U S Budlong's**  
**E Blue Ribbon Valley.**

Phil Schupp is supplying J. A. Budlong's customers with a fancy grade of sweet peas, lily of the valley and Kaiserin roses.

The E. F. Winterson Co. received a large shipment of bay trees this week.

# Large Crop of Roses

Of all the best varieties. The quality is perfect and there are no better flowers coming into this or any other market.

We have also a good supply of **BEAUTIES** and **CARNATIONS**.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

## PRICE LIST:

### AMERICAN BEAUTIES

Per doz.

|                       |        |
|-----------------------|--------|
| Extra long stems..... | \$4 00 |
| 36 inch stems.....    | 3 50   |
| 30 inch stems.....    | 3 00   |
| 24 inch stems.....    | 2 50   |
| 20 inch stems.....    | 2 00   |
| 15 inch stems.....    | 1 50   |
| 12 inch stems.....    | 1 00   |
| Short stems.....      | 75     |

Per 100

|                      |                              |
|----------------------|------------------------------|
| Richmond.....        |                              |
| Killarney.....       | Select.....\$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 3 00 to 4 00     |
| My Maryland.....     |                              |
| Mrs. Field.....      |                              |
| Uncle John.....      | Select..... 6 00 to 8 00     |
| Bride.....           | Medium..... 3 00 to 4 00     |

Per 100

|                           |                                |
|---------------------------|--------------------------------|
| Ivory.....                | } Select.....\$6 00 to \$ 8 00 |
| Sunrise.....              |                                |
| Perle.....                |                                |
| Roses, our selection..... | Medium..... 3 00 to 4 00       |
| Carnations.....           |                                |
| Fancy.....                | 1 50 to 2 50                   |
| Harrisli.....             | 3 00                           |
| Valley.....               | 10 00 to 12 00                 |
| Sweet peas.....           | 3 00 to 4 00                   |
| Tulips.....               | 75 to 1 00                     |
| Adiantum.....             | 3 00 to 4 00                   |
| Asparagus, per bunch..... | 1 00                           |
| Ferns, per 1000.....      | 50                             |
|                           | 3 50 to 4 00                   |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

E. E. Pieser, the "Peony King," informs us that Kennicott Bros. Co. will open a branch store on the second floor of the building in which Percy Jones is now located, the balance of the store being recently vacated. The business of this firm will be transacted as it has in the past at the old location, 163-165 North Wabash avenue.

Wm. F. Schofield, the North State street florist, had an unusually good Easter trade in both cut flowers and plants. His window is always an attraction to the trade in his section, and during and since Easter has been very beautiful.

H. Van Gelder, of Percy Jones, bought a number of tables and the ice box formerly used by the Flower Growers Co.

Wm. Graff is the latest addition to Kennicott Bros. Co's. force, starting to work on Monday, April 24.

Wm. Wolff, one of A. Lange's popular young salesmen, has been on the sick list the past few weeks.

Vaughan's Seed Store will decorate and exhibit at the Real Estate show.

Visitors: H. A. Fisher, Battle Creek; Carl Hirsch, Hillsdale, Mich; J. R. Falkenstein, Naperville, Ill.; A. Miller, representing Skidelsky & Irwin Co., Philadelphia, Pa.

HARRISBURG, PA.—J. E. Miller has taken possession of the new store, 19 North Third street.



## ORCHIDS

**:A Specialty:**

A fine stock of **Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**

**162 N. Wabash Avenue,  
CHICAGO.**

BRIDGEPORT, CONN.—The automobile of N. S. Goulden, the well-known florist, was burned April 2. Mr. Goulden

was trying out the car after the spring overhauling, and it back-fired and was completely consumed.



## Removal

We wish to announce to the trade that on May 1, we will remove from our present quarters in the Flower Growers' Market to our new store, Room 222 in the Atlas Building. A cordial invitation is extended to the trade to call and see us at our new and much larger quarters.

MISS H. V. TONNER,

D. E. FRERES,

126 N. Wabash Ave., 30 E. Randolph St., Chicago

Los Angeles, Calif.

### A RECORD BREAKING EASTER.

Nothing like the amount of business enjoyed this Easter has ever been known in the annals of the trade here. Flowers of all kinds were abundant, yet realized good prices, and, although plants were not particularly plentiful, those displayed sold well. Easter lilies sold remarkably well and those of fine quality were away short of the demand, though there was more than enough of the usual unfinished and poor stock. There were a few good spiraea and these cleaned up well. All the principal retailers reported a magnificent business. Lily of the valley and bulb stock generally were plentiful, while of outdoor flowers there was an over supply. Medium priced stock of good average quality is needed in this market, but there is no foundation for the assertions made by interested commission men that there is room for large ranges of up-to-date commercial glass as yet. The demand will come, doubtless, but there is no need of going into hysterics about it for the market is supplied fairly well already with mediocre and average stock. What is needed is a little more variety and better quality. The best roses of popular varieties sold up clean and there was a decided scarcity of first-class cut lilies.

### NOTES.

A visit to the Palm Nurseries of Edwin Rust, at South Pasadena is always interesting, and just now there is a fine lot of stock in the best of condition. Among the palms grown under lath are some magnificent *Cocos flexuosus*, specimens 10 feet and upwards in height, now being lifted for sale. They are cut around and boxed in the house and left there a few days to become re-established before shipping, thus insuring safe transplanting. Many fine seafortheas, kentias and other popular palms are in equally fine condition and all meet with a ready sale. Among the stock grown for street trade we noted fine blocks of *sterculia*, the bottle tree of Australia, a number of the choicer eucalypti and acacias, while the collection of conifers is large and varied. Smaller decorative stock is grown in large quantities, one of the finest things being *Yucca pendula*, of which Mr. Rust carries a foot of stock. Several greenhouses are filled with a great variety of stock grown for catalogue and furnishing trade and its condition is much better than usually seen in this section. Outdoor roses come in for a good deal of attention and all the most popular kinds are represented. The pink Cherokee is fine here, the plant being identical with the type in every way except color. It is becoming very popular hereabouts. *Bignonia Cherere*, a native of Guiana does well here and is a magnificent color. *B. venusta* is better known and is also very fine here. Both need far more attention than the common kind. Jasmines and other

# CARNATIONS

SPECIAL QUALITY THIS WEEK.

| ROSES                                             |         | PRICE LIST                                                                                                            |        |
|---------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------|--------|
| American Beauty, per doz., \$1 50 to \$6 00       | Per 100 | Orchids, Cattleyas, per doz.,                                                                                         | \$7 50 |
| White Killarney, per doz., \$3 00 to \$8 00       | Per 100 | Gardenias, per doz.,                                                                                                  | 4 00   |
| Killarney, per doz., 3 00 to 8 00                 |         | CARNATIONS Per 100                                                                                                    |        |
| My Maryland, per doz., 3 00 to 8 00               |         | Special, large and fancy                                                                                              | 3 00   |
| Richmond, per doz., 3 00 to 8 00                  |         | Select, per doz.,                                                                                                     | 2 00   |
| Extra special roses billed accordingly.           |         | Splits, per doz.,                                                                                                     | 1 00   |
| MISCELLANEOUS                                     |         | DECORATIVE                                                                                                            |        |
| Orange Blossoms, per doz., \$1 00 to \$1 50       | Per 100 | Asparagus Plumosus, per string, \$0 50 to \$0 75                                                                      |        |
| Violets, double, per doz., 0 75 to 1 00           |         | per bunch, 35 to 50                                                                                                   |        |
| single, per doz., 50 to 75                        |         | Asparagus Sprengerii, per bunch, 25 to 50                                                                             |        |
| Sweet Peas, fancy, per doz., 75 to 1 00           |         | per 100                                                                                                               |        |
| Easter Lilies, per doz., 10 00 to 12 50           |         | Adiantum, fancy, long, per 100                                                                                        | \$1 00 |
| Callas, per doz., 10 00 to 12 50                  |         | Farleyense, per string, 20c; per doz., 2 00                                                                           |        |
| Valley, select, per doz., 3 00                    |         | Smilax, per string, 20c; per doz., 2 00                                                                               |        |
| Daisies, special, per doz., 4 00                  |         | Mexican Ivy, per 1000, 6 00                                                                                           | 75     |
| Daisies, white and yellow, per doz., 1 00 to 2 00 |         | Ferns, per 100, 4 00                                                                                                  | 40     |
| Jonquils, per doz., 3 00                          |         | Galax, per 100, 1 00                                                                                                  | 15     |
| Daffodils, per doz., 3 00 to 4 00                 |         | Leucothoe Sprays, per 100, 4 00                                                                                       | 75     |
| Paper Whites, per doz., 3 00 to 4 00              |         | Subject to Market Changes.                                                                                            |        |
| Tulips, per doz., 3 00 to 4 00                    |         | Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors. |        |

## Chicago Carnation Co.

A. T. PFYFFER, Manager.  
Phone Central 3373.

30 E. Randolph St., CHICAGO

## "The Busiest House in Chicago"

All Seasonable Novelties Besides  
Regular High Class Stock.

## J. B. DEAMUD CO.

Long Distance Phone  
Central 3155

160 N. Wabash Ave., CHICAGO

vines get a good deal of attention and the whole stock is in fine condition, reflecting great credit upon J. W. Ross, the capable and painstaking manager here and all others concerned.

In E. D. Sturtevant's interesting garden at Hollywood the showy and beautiful *Rosa gigantea* is flowering freely. This species is a native of Burmah and consequently is not hardy in the north, while under glass it needs a great deal too much room and does not flower at all freely. But in this favored section it is magnificent, with shoots 30 feet long and wreathed with the great creamy white single flowers seven inches and upwards across. The buds and partly-opened flowers are singularly beautiful and altogether this lovely specimen is a thing of beauty, long to be remembered. Those who know the Cherokee rose at its best and it is beautiful indeed, can form but a slight conception of the glorious display made by the "giant rose" which is worth a long journey to see. Another remarkable plant here is the gorgeous *Solandra guttata* or *Copa d'or* of the Mexicans. The "cups of gold" here grows 40 feet high and just now has many of the great open yellow flowers, it being apparently quite at home in the light, loose soil. *Bletia hyacinthina*, several beautiful calcechorti, *Acacia pubescens* and *Drummondii* and many other interesting and beautiful things were also noted here.

## U S Budlong's E Blue Ribbon Valley.

Wm. Haerle had a magnificent lot of *Lilium giganteum* in for Easter all timed to the minute and by far the finest stock ever seen in this section. Every plant was sold and a batch of 2,500 pots, besides a large number of cuts, was not nearly sufficient to meet the demand. The roses were good, Richmond and My Maryland being especially fine and of great substance and color. In orchids *Cattleya Schroderae* was the principal attraction and Mr. Haerle has been fortunate in flowering a true albino of this species. He is especially lucky as quite recently he flowered a good white *Triana*, as already mentioned here.

The usual monthly meeting of the Horticultural Society was held in C. Winsel's store on April 4. The subject of holding a fall flower show was up for discussion again and committees were appointed to make the necessary preliminary arrangements. It was decided to advertise in local papers for complaints as to the alleged

**U S Budlong's**  
E Blue Ribbon Valley.

**Heavy  
Supply Of**

**U S Budlong's**  
E Blue Ribbon Valley.

# ROSES--Extra Good Quality

**Which We Offer at Reasonable Prices.**

American Beauty, Pink Killarney, Richmond, My Maryland, Mrs. Marshall Field, White Killarney, Bridesmaid, Jardine, Bride, Kaiserin.

**Special Prices in lots of Thousand or More**

## CARNATIONS OF A-1 QUALITY

**WHITE, RED, LIGHT PINK and PINK**

Mignonette, Sweet Peas, Harrisii, Callas, Daisies, Asparagus and Greens of all kinds. Also a good supply of our famous **BLUE RIBBON VALLEY**—once used, always used. Order some and be convinced.

**For Your Wedding Bouquets Be Sure to Order Our Fancy Sweet Peas.  
Quality speaks louder than prices.**

**Buy Direct  
From the  
Grower.**

# J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES  
and CARNATIONS  
A Specialty.....**

**WHOLESALE  
GROWER OF**

# CUT FLOWERS

**L. D.  
Phone  
Central  
3120**

grievances against the horticultural inspectors with a view of getting after the legislature in regard to the malpractices and ignorance displayed. Arrears of business were brought up and informal discussions held on several topics.

F. R. Hills, late of Maywood, Ill., was in for Easter with a very nice lot of lilies and cyclamen. His adiantum is also in excellent order now. Chicago friends of Mr. Hills will be pleased to learn he has an elegant little place here almost on the crest of the hill close to Elysian park and in one of the prettiest spots in southern California. All his stock is in perfect order and everything looks exceedingly promising in his new venture. Both he and Mrs. Hills have worked hard to get things in shape and well deserve success.

These Florists, Fifth and Hill streets, showed some elegant lily of the valley in pots, also magnificent pans of Easter lilies, with six to ten stems. The latter were very well decorated, shown in mat pot covers and sold well at good prices. A large stock of lilies in 6-inch pots were also disposed of and Frank Lichtenberg and Herbert Wolfskill both expressed themselves as highly pleased with the amount of business done.

The Edendale greenhouses of Wright's Flower Shop are not looking at their best now as they are shortly to be removed to the new

place at Gardena, but we noticed a fine lot of young rose stock which is bound for the same destination.

"The biggest ever," is the report of Morris Goldenson for this Easter. The increased room in the store gave much greater facilities for waiting on customers and a grand trade was done.

O. C. Saakes had very attractive Easter windows, scarlet tulips and white lilies being charmingly shown. An immense number of pot lilies were disposed of.

Visitor:—A. Ringier, of the W. W. Barnard Seed Co., Chicago. H. R. R.

### Chicago Bowling.

On April 19, the Orchids won three games from the Carnations and the Roses won two and lost one to the Violets. Al Fisher was high man of the evening, having a total of 245 pins in the opening game which is also the high score of the season. The season closed on Wednesday evening, April 26, when the Roses bowled the Orchids and the Violets the Carnations. After the games were played the prizes won were awarded to the successful participants, a list of which will appear in our next week's issue. The following table shows the number of games won and lost by each team to date.

|            |         |    |         |         |    |
|------------|---------|----|---------|---------|----|
| Orchids    | .....50 | 19 | Roses   | .....33 | 45 |
| Carnations | .....39 | 30 | Violets | .....26 | 52 |

Individual and team scores for games played April 19:

### Notice of Removal

I wish to announce to the trade that on May 1, I will remove from my present quarters at the Flower Growers' Market to a more commodious store at **82-86 East Randolph Street**, and cordially invite the trade to call and see me at my new store.

**MISS M. C. GUNTENBERG,**  
**82-86 E. Randolph St., Chicago.**

| Orchids.    |                | Violets.  |                |
|-------------|----------------|-----------|----------------|
| Huebner     | ...105 201 152 | Wenzel    | ...149 149 143 |
| Farley      | ...144 200 165 | Schlosser | ...103 183 129 |
| Graff       | ...147 175 179 | Lussow    | ...128 111 105 |
| Degnan      | ...128 192 126 | Friedman  | ...178 170 130 |
| Zeeb        | ...178 148 140 | Lorman    | ...104 143 172 |
| Totals      | ...763 916 768 | Totals    | ...713 756 714 |
| Carnations. |                | Roses.    |                |
| Krauss      | ...163 153 142 | Byers     | ...116 144 150 |
| Ayres       | ...113 212 190 | Katzel    | ...101 94 89   |
| Goerisch    | ...117 133 143 | Myers     | ...174 172 167 |
| Schultz     | ...109 174 136 | Craig     | ...102 92 100  |
| A. Zeeb     | ...161 183 148 | Fisher    | ...245 196 179 |
| Totals      | ...723 855 761 | Totals    | ...738 698 694 |

SIoux CITY, IA.—The largest stock of Easter plants ever shown in the city was displayed in the flower store of J. C. Rennison Co. during the week preceding Easter.



# Full Crop of Roses

Try some of Our Mrs. Jardine, the Finest Pink Rose in the Market.

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 15-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100      |
|-----------------------------------------|--------------|
| Killarney, select.....                  | \$ 5 00      |
| "    medium.....                        | 2 00 to 4 00 |
| Jardine (finest pink rose), select..... | 6 00 to 8 00 |
| "    medium.....                        | 2 00 to 4 00 |
| Bride, select.....                      | 5 00         |
| "    medium.....                        | 2 00 to 4 00 |
| Mald, select.....                       | 5 00         |
| "    medium.....                        | 2 00 to 4 00 |

|                            | Per 100        |
|----------------------------|----------------|
| Uncle John, select.....    | \$ 5 00        |
| "    medium.....           | 2 00 to 4 00   |
| Richmond, select.....      | 5 00           |
| "    medium.....           | 2 00 to 4 00   |
| Carnations, fancy.....     | 2 00           |
| "    good.....             | 1 50           |
| "    splits.....           | 1 00           |
| Easter Lilies, medium..... | 12 50          |
| "    long.....             | 15 00          |
| Callas.....                | 12 50 to 15 00 |
| Tu ips.....                | 3 00 to 4 00   |
| Daffodils.....             | 3 00 to 4 00   |
| Valley.....                | 3 00 to 4 00   |
| Sweet Peas.....            | 75 to 1 25     |
| Ferns.....                 | 4 00           |

All Green Goods at market rates.

**ROSES, our selection, - \$3.00 per 100**  
**WIETOR BROS., 162 N. Wabash Ave., Chicago**

## Indianapolis.

### TRADE GOOD.

The trade following Easter was very good. Funeral work began coming in better, and thus prevented the usual lull. Since the nice weather has set in, there has been an increasing call for bedding plants, but very little has been done in that line as yet. Quite a number of the smaller growers are now completely out of stock for cut flowers and are devoting their time exclusively to the bringing on of the bedding plants.

### NOTES.

John Bertermann is preparing to move to his summer home during the early part of May so that he may more closely superintend the construction of the new greenhouse. Many additions and improvements will be made this summer at the Bertermann farm, one of the most important of which will be the wiring of the place to receive the current which will finally be furnished by one of the Indianapolis companies after many a hard argument. Mr. and Mrs. Bertermann had a joint birthday celebration at their home April 23. About twenty relatives were present with a glad handshake.

A burglar broke into the house of Chris. Roepeke last week and almost scared Mrs. Roepeke to death. He grabbed her by the throat and told her to "shut up" and not make a bit of noise. Then he proceeded to search the house for valuables. While he was ransacking all of the rooms, Mrs. Roepeke made her escape through a trap door and ran down to the greenhouse where she got help. The burglar did not look in the proper place and therefore did not get much. His whereabouts are still unknown.

Smith & Young Co. lost several thousand of their fine sweet peas during the rush of Easter business. A large part of the great quantity of peas which they cut for this occasion they stored in their storage cellar, which, it seems, was too damp and spotted the peas. The spots also looked as though they might have been caused by too much sulphur.

Since our announcement in last week's issue of Smith & Young Co.'s in-

intention to start a wholesale florists' business in this city, there have been close to a dozen florists wanting to get into the deal. It seems that everyone is now realizing the necessity of such an establishment. As yet no definite location of the business has been chosen.

A. W. Brandt spent April 23, 24 and 25 in Ann Arbor, Mich., his old college town. It is the first time that Brandt has been out of town since entering the florists' business two years ago and he enjoyed his trip very much. A college chum by the name of Kothe accompanied him.

Benson is negotiating for another automobile. This one is to be like an open wagon and is to be used for bedding work. The new Buick delivery car which he recently acquired is giving him excellent service and it is probable that his next car will also be a Buick.

J. J. Karins, of Dree's, was in the city last week and succeeded in getting some good sized plant orders.

A. W. B.

## Montreal.

### A MOST SATISFACTORY EASTER.

That the Easter trade this year was most satisfactory, is not only the report of those first class stores which always have an increase, but of the others who sometimes are quite unwilling to admit it, and they are the loudest to claim an increase of not less than twenty-five per cent. Prices were slightly in advance of last year, but plants and cut flowers were away ahead in quality and quantity of last Easter. Lilies in pots were practically sold out by Thursday night; they were of extra grade all through, not more than 20 inches high and averaged seven to eight blooms of good substance. It is hard to state which was the second choice after the lily, as everything in the shape of a plant in bloom was sold, probably hydrangeas, of which a good lot were on hand, but as in the case of the lily not near enough, and in our opinion it will be impossible to grow enough of these two as they are preferred to any other plant, and we might say cut flowers also, at least in this city. Roses in

## U S Budlong's E Blue Ribbon Valley.

Mention the American Florist when writing

pots were to be seen in many varieties, Baby Dorothy seems to be the best. Spirea Japonica, many of the pink variety, was to be seen. Azaleas, some being good specimens, were shown which took readily at high prices, but a lot received from Boston were of poor quality. In cut flowers the best stock ever seen was received and in immense quantities. Violets and lily of the valley were very scarce. Roses and carnations were more plentiful, but the bulk was made up of bulbous stock of which an immense quantity was on hand, in one case 5,000 cut daffodils were received in one shipment. Probably to no city on this continent are cut flowers shipped from so many different directions. Canadian growers are no longer able to supply the demand and we have to look to the United States while not so many years ago we used to ship them cut flowers, but now we handle Chicago, New York and even Philadelphia products. The weather was ideal for delivery, being just above freezing.

LUCK.

## Yonkers Horticultural Society.

A meeting of the Society was held Friday, April 21 and, as usual, proved very interesting. H. Scott assumed his presidential duties and received a hearty welcome. Three new members, Rennison, Grey and Wood were elected. Discussion centered principally upon vegetables, both early and late, many interesting points being made clear. The society's regular social session will be observed Friday, May 5, and a committee composed of Milliot, Cochrane and Blanche were appointed to make the necessary arrangements.

H. N. B.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

## Geo. Reinberg

Wholesale Florist

162 N. Wabash Avenue, CHICAGO.

Wichita, Kans.

The Easter of 1911 has passed into history. But so very recently that like many historical events it is a little hard to do it justice at such close range. It may be safely stated, however, that it was a big Easter, probably 25 per cent heavier than last year. Prices ruled about the same, with ample supplies of stock in most lines, although a shortage in violets existed owing to lateness of the season, and a shortage in good carnations developed by Saturday noon. The supply of Easter lilies was about equal to the demand and the quality was good. In the general line of blooming plants the sales were good and some excellent stock was in evidence. Bulb stock in pots was scarce, being confined mostly to hyacinths and Emperor narcissus in pans,—and, as at this time of year the customer has ceased to consider such stock as a novelty, the demand was only moderate. Well flowered plants of marguerites, geraniums, cinerarias, pelargoniums, spiraea and hydrangeas were in plentiful supply and sold well. There was very little call for the foliage class of plants such as palms and ferns. In cut flowers, roses and carnations led the list, with a good sale for cut Easter lilies, Murillo tulips and Emperor narcissus. The sales of other bulb stock was moderate, only about in such quantity as might be termed incidental at such a time of increased demand. One of the most unsatisfactory items was the unreliable quality of the carnations that were shipped to the florists who were obliged to buy in the wholesale markets to meet the increased demand. Only a small part was reasonably good, much was barely salable and quite a lot was altogether worthless. Soft stock or careless packing seemed the trouble in most cases, with some stock showing evidences of age.

### NOTES.

W. H. Culp & Co. were quite successful with their giganteum lilies this year, bringing the crop exactly right for Easter. There was no loss from disease, all the plants were on time to the day, and in such shape that they were finished in a carnation temperature with no loss from soft or old flowers. March 1 this stock, with few exceptions, did not show buds above the foliage. They also had some very fine Spirea Gladstone and a fine lot of marguerites in five and six-inch pots. Owing to a recent severe illness, Mrs. C. A. Rose was unable to be in

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, April 26.                 |                  | Per doz.   |
|------------------------------------|------------------|------------|
| Roses, Beauty, specials.....       | 4 00@            | 5 00       |
| " " " " " " " " " " " "            | 36 in.....       | 3 50       |
| " " " " " " " " " " " "            | 30 in.....       | 3 00       |
| " " " " " " " " " " " "            | 24 in.....       | 2 50       |
| " " " " " " " " " " " "            | 18 to 20 in..... | 1 50@ 2 00 |
| " " " " " " " " " " " "            | Short stem.....  | 75@ 1 00   |
|                                    |                  | Per 100    |
| " Killarney.....                   | 3 00@ 10 00      |            |
| " White Killarney.....             | 3 00@ 10 00      |            |
| " Richmond.....                    | 3 00@ 10 00      |            |
| " My Maryland.....                 | 3 00@ 10 00      |            |
| " Cardinal.....                    | 3 00@ 6 00       |            |
| " Perle.....                       | 3 00@ 6 00       |            |
| Carnations.....                    | 2 00             |            |
| " fancy.....                       | 3 00             |            |
| Daffodils.....                     | 3 00             |            |
| Gardenias..... per doz.,           | 3 00@ 4 00       |            |
| Harrisii and Callas..... per doz., | 1 50             |            |
| Jonquils.....                      | 3 00             |            |
| Mignonette, large spikes.....      | 4 00             |            |
| Orchids, Cattleyas..... per doz.,  | 5 00@ 7 50       |            |
| Peonies..... per doz.,             | 75@ 1 50         |            |
| Sweet Peas.....                    | 3 00@ 4 00       |            |
| Tulips.....                        | 3 00@ 4 00       |            |
| Valley.....                        | 3 00@ 4 00       |            |
| Adiantum Croweanum.....            | 1 00@ 2 50       |            |
| Boxwood, per bunch 35 per case     |                  |            |
| of 50 lbs.....                     | \$7 50           |            |
| Ferns..... per 1000                | 3 50@ 4 00       |            |
| Galax.....                         | 1 25             |            |
| Leucothoe.....                     | 60               |            |
| Plumosa String..... each           | 60               |            |
| Smilax..... per doz.,              | 2 00@ 2 50       |            |
| Sprengerii, Plumosa Sprays.....    | 3 00@ 4 00       |            |
| Wild Smilax..... per case,         | 5 00             |            |

her accustomed place in the store of Mr. Rose. Her many friends however are glad to learn of her almost complete recovery, and that a little time only is needed to get back to full health again.

Norval Kline has gone to Lawrence and taken over the old established florist's business of C. M. & S. E. Luther. The opening seems good, and with the finger which seems a part of Mr. Kline's make-up, we predict that there will be something doing in the most historic town of Kansas.

Chas. P. Mueller, in addition to his usual good stock, showed some fine large specimens of hydrangea and spirea. He also had a good cut of really fine snap-dragon.

W. I. CHITA.

PROVIDENCE, R. I.—The flower growers in the suburbs and adjoining towns are contemplating establishing a flower exchange. They are dissatisfied with the methods now in vogue and think that a plan similar to the one in operation in Boston would be successful here.

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO.



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

## U S Budlong's E Blue Ribbon Valley.

SCHENECTADY, N. Y.—Charles Limmer, a florist located at 321 State street, filed on April 15 a petition in bankruptcy at Utica, with liabilities of \$6,337 and assets of about \$7,000, including mortgaged real estate. The creditors include Durant & Marohn, F. A. Danker, Albany; John Pinkney Sons, Troy; A. D. Carpenter, Troy Paper Co., Cohoes; Shafer Estate, Ballston Spa; T. J. Totten, Saratoga Springs; Schenectady Union National Bank, Wallace Co. The real estate is mortgaged for \$4,500. R. D.



# Do You Gamble? As

Peony Orders Booked On Or Before May 20  
Gets Our Best Pink and White at 5c. You Can't Lo

## Milwaukee.

### LARGE QUANTITY OF STOCK.

Business is good, but with the immense quantity of stock arriving each day it is impossible for the wholesalers to dispose of it readily, and the result is a break in prices, the stock being sold to the clean out buyers at reduced figures, the better grades naturally bringing the usual market price. Enchantress carnations are the most plentiful at the present time, with roses enough to fill all orders. Brides do not seem to sell readily, the demand being for White Killarney and Kaiserins, with a very fine grade of the latter arriving at the present time. American Beauties are also being received and it is now possible to take orders for them. Violets are still hanging on, lily of the valley enough to fill all orders with Easter lilies and callas arriving in large quantities, the retailers having no trouble in getting fine stock. The glut on bulb stock has disappeared and there are but few tulips and daffodils arriving at the present time and these are disposed of readily.

### NOTES.

The entertainment committee announces that the annual May ball will take place April 27 at Miller's Hall, corner Eighth and State streets, with the following members appointed for the different committees: C. C. Poll-worth, A. Leidiger, F. Holton, W. Halliday and W. C. Zimmerman, reception; H. V. Hunkel, Roy Currie, G. Rusch, J. G. Heitman and Gus Mueller, arrangements; Gus Kellner, E. Welke, A. Leidiger and Chas. Menger, decorations. Tickets are now to be had at either of the wholesale houses or of the standing entertainment committee.

The Flora Bon, after making a voluntary assignment is again in existence under the new management of Mr. Leister. He has already introduced himself to the local market and we hope he will be successful in his new venture.

Manke Bros. are cutting a large amount of Mrs. Lawson and Enchantress carnations of excellent quality.

Aug. F. Kellner is busy with a large force of men taking care of his landscape orders.

Mitchell Street Florist reports having had a fine Easter trade, handling a large number of plants which were grown at their own greenhouses.

Gustav A. Pohl is beginning to cut some fine sweet peas which are disposed of readily.

Tuesday, April 17, the bowling club rolled its last series. A prize stake of \$35.00 being distributed among the winners, the following scores being the results:

|                | Total Pins. |
|----------------|-------------|
| Fred H. Holton | 545         |
| G. A. Pohl     | 543         |
| G. Rusch       | 542         |
| R. Currie      | 521         |
| P. Nohos       | 512         |
| A. Kellner     | 486         |
| G. Hunkel      | 482         |
| N. Zwickel     | 448         |
| L. Manos       | 429         |
| J. Newbeck     | 421         |

## E. G. GILLET, Wholesale Commission Florist

CONSIGNMENTS SOLICITED

131 E. 3rd St., CINCINNATI, OHIO

Manufacturers of Superior Wire Work for Florists

### Hanging Baskets

ALL SIZES, A SPECIALTY.  
Must not be compared with rat trap work.

Once a customer always a customer.

GREEN SHEET MOSS and SPHAGNUM MOSS

Ohmer's Superior Florida Asparagus Plumosus, 25c per bunch the year round.

WRITE FOR CATALOGUE AND PRICES

## Wholesale Flower Markets

CINCINNATI, April 26.

|                                    |             |
|------------------------------------|-------------|
| Roses, Beauty..... per doz.        | 1 00@ 5 00  |
| " Bride, Bridesmaid.....           | 2 90@ 8 00  |
| " Golden Gate.....                 | 2 00@ 8 00  |
| " Killarney.....                   | 2 00@ 6 00  |
| " Richmond.....                    | 2 00@ 8 00  |
| " Pres. Taft.....                  | 2 00@ 8 00  |
| Carnations.....                    | 3 00@ 4 00  |
| Callas.....                        | 3 00@10 00  |
| Daffodils.....                     | 3 00@ 5 00  |
| Hyacinths, Dutch.....              | 4 00@ 5 00  |
| " Roman.....                       | 2 00@ 3 00  |
| Jonquils.....                      | 3 00@ 4 00  |
| Lilium Longidorm.....              | 12 50@15 00 |
| Narcissus Paper White.....         | 3 00@ 4 00  |
| Lily of the Valley.....            | 3 00@ 4 00  |
| Sweet Peas.....                    | 75@ 1 00    |
| Tulips.....                        | 3 00@ 4 00  |
| Violets.....                       | 75@ 1 00    |
| Adiantum.....                      | 1 00@ 1 50  |
| Asparagus Plumosus..... per bunch. | 25          |
| "..... per string.                 | 50          |
| Asparagus Sorongel..... per bunch. | 25          |
| Smilax.....                        | 12 50@15 00 |

R. Leitz..... 414  
A. Hare..... 386  
T. Cassidy..... 378  
W. Halliday..... 369  
The special prizes for the largest amount of spars in three games, Fred H. Holton. For high game, Roy Currie.

Every member of the club is well pleased with the results, and all are anxiously waiting for the blowout which is to follow in the near future. The club has been very prosperous and they have a nice sum with which to do things right.

Visitors: M. Farney, of the M. Rice Co., Philadelphia, Pa.; E. F. Winter-son, Chicago.

G. R.

### St. Louis.

### INCREASE IN SUPPLY.

Easter is over and this is made very evident by the increase in the supply of cut flowers. Roses, with the exception of American Beauty, and carnations are plentiful and cheap. Owing to the cold weather violets are still seen, sweet peas are in abundant supply, and out-door lilac is in the market. Ferns are scarce and the quality is poor. All hands are anxious to begin planting out, which will start as soon as the weather permits.

—THE—  
**J. M. McCullough's Sons Co.,**  
Wholesale Commission Florists.  
—CONSIGNMENTS SOLICITED.—  
Special attention given to Shipping Orders.  
—  
**Jobbers of FLORISTS' SUPPLIES**  
**SEEDS and BULBS.**  
Price List on Application.  
—  
**316 Walnut St., CINCINNATI, OHIO.**  
Phone Main 584.

## THE MUNK FLORAL CO.

Wholesale Growers of CUT  
FLOWERS and Jobbers of  
FLORISTS' SUPPLIES.

Columbus, Ohio

### NOTES.

F. H. Weber had one of the largest Easter decorations ever made by a department store, which gave splendid satisfaction. Two thousand lilies, the finest Poehlmann Bros. Co. of Chicago could produce, were used in the decoration.

C. Young & Sons Co. have been busy all the week repairing the damage to the greenhouses caused by the hail storm. Will Young feels the loss keenly, as it was his first year as manager of the greenhouses.

The Mullanphy Floral Co.'s automobile attracts a great deal of attention on its trips through the city. The boys are very proud of it.

Edward L. Loyet was very busy with funeral work last week.

W. F.

LE ROY, N. Y.—Fred Walter has purchased the Barlow greenhouses and is removing them to his place on North street.

# Kennicott Bros. Co.

Don't Forget, May 20th is the Date. Last Year They Went to 8c to 10c, Other Years as High as 12c. You Can't Lose at 5c. Book Your Order.

## Jasmine Buds

We Have Some Fine Stock for This Year

Place your orders early, as the crop is very short this season. Buds will be ready about the 8th.

\$8.50 to \$13.00 per 1000;

\$1.00 to \$1.50 per 100.

500 at 1000 rate.

Cash or C. O. D.

WRITE US, PLEASE.

**Woodward Floral Co.**

ALVIN, TEXAS

Cleveland.

EVERYTHING PLENTY.

Nearly every retailer reports an excellent Easter business this year. Stock was, and still is, quite plentiful in all grades and varieties. Bulb stock is moving slowly, and continues to come in in large quantities, with the inevitable result that some of it goes on the street at little or nothing, while some goes out the back door to the dump. Carnations, also, are very plentiful and the price realized for Easter business was somewhat lower than prices quoted. Roses are plentiful and some job lots are selling at very low prices. The stock of roses is excellent, the quality being all that could be desired. Long-stemmed American Beauties of the very best grade come in daily and move somewhat better. Sweet peas are good with fair demand. Pansies are plentiful, violets have been good sellers up to date, and the supply for Easter was inadequate on this market. Easter lilies are still being secured in quantity and meet with fair sale, callas are moving very slowly. Daisies and calandula sell readily. Adiantum and other greens sell quickly and asparagus is a little short of the request, smilax has a good call. The weather the past week has been such as to put a damper on cut flower business, funerals and one or two large decorations being about the only means of moving stock, but most of the retailers say that they need the rest after the Easter rush, and are glad to take it easy for a little while. C. F. B.

WILKESBARRE, PA.—The greenhouses of A. W. Moore & Co. were destroyed by fire April 10, the damage being estimated at \$3,000. This is the second time within a few years that the firm has suffered loss by fire.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

### Wholesale Flower Markets

St. Louis, April 26.

|                           |             |
|---------------------------|-------------|
| Roses, Beauty, long stems | 40 00@50 00 |
| " " medium stems          | 20 00@25 00 |
| " " short stems           | 2 00@2 40   |
| " Bride, Bridesmaid       | 5 00@2 80   |
| " Killarney               | 5 00@2 80   |
| " My Maryland             | 5 00@2 80   |
| " Richmond                | 5 00@2 80   |
| Carnations                | 2 50@3 00   |
| Easter Lilies             | 12 50@15 00 |
| Valley                    | 3 00@2 40   |
| Adiantum                  | 1 25        |
| Asparagus Sprengeri       | 2 00@2 30   |

MILWAUKEE, April 26.

|                         |            |
|-------------------------|------------|
| Roses, Beauty, per doz. | 1 00@5 00  |
| " Bride                 | 4 00@2 80  |
| " Killarney             | 4 00@2 80  |
| " Richmond              | 4 00@2 80  |
| " Kaiserin              | 4 00@2 80  |
| Carnations              | 1 00@2 30  |
| Daffodils               | 3 00       |
| Lilium elegans          | 8 00@12 50 |
| Lily of the Valley      | 3 00@4 00  |
| Mignonette, per doz.    | 35         |
| Muriel Tulips           | 50@1 00    |
| Snapdragons, per doz.   | 50@1 00    |
| Sweet Peas              | 50@1 00    |
| Trumpets                | 3 00       |
| Tulips                  | 3 00       |
| Violets                 | 50@75      |
| Adiantum                | 1 50       |
| Asparagus, per string   | 50         |
| " Plumosus, per bunch   | 35@40      |
| " Sprengeri             | 25         |
| Boxwood, per bunch      | 75         |
| Perna Fancy, per 1000   | 4 00       |
| Galax                   | 1 50       |
| Maecolia, per bunch     | 50         |
| Wild Smilax, per case   | 35         |

Cincinnati.

FLOWERS PLENTIFUL.

Flowers are as plentiful as were hingles for the winning side in the opening base-ball game in this city this year. In fact, the growers in the way of supplying flowers are battling well above 300. The quality of most goods is satisfactory. Now and then some shipments of dumped stock are somewhat off and sell at prices accordingly. Lily of the valley is an exception and is scarcely sufficient to meet requirements. Roses are more sufficient to meet the demand than they have been for some time. At the close of last week's business some were cleaned up at slightly lower prices. Carnations are back to normal prices, and at times are selling at lower levels, when a clean up is effected. There are plenty of both callas and Easter lilies offered. Some bulbous stock still arrives. Poeticus is now becoming a factor in this line. The supply of sweet peas is adequate. Many of them are somewhat of a minus quantity, both in respect to stem and flower. Marguerites and

## WM. C. SMITH

Wholesale Floral Co.®

WHOLESALE FLORISTS

1316 Pine St.,

Both L. D. Phones, ST. LOUIS, MO.

Supplies and Everything in Season always on hand

Mention the American Florist when writing

## CHIFFONS

(About 35 to 40 yards to piece)

Plain (any color), 4 in. wide ..... 3c yard  
 " " 6 in. wide ..... 4c yard  
 " " 10 in. wide ..... 6c yard

Geo. H. Angermueller, Wholesale Florist,  
 1334 Pine Street, ST. LOUIS, MO.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

## RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

double violets are offered. The green goods market is ample.

The Bowling Club meets Monday, May 1, at Finke and Craig's alleys at S P. M. H.

WATERBURY, CONN.—Alexander Dallas has removed the greenhouses from Union and Willow streets to the new location, at Mill Plain. One new greenhouse has been erected at the new place, and other houses will be built during the summer, which when finished will complete a plant of 150,000 square feet. Mr. Dallas' son, Walter, will be associated with his father in the new and enlarged business.



# WELCH BROTHERS, Asparagus Plumosus Nanus

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonable stock.

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

## Boston.

### PLENTY OF STOCK.

Easter is over and every one seems to be satisfied. The person with a smile and pleasant word is usually a welcome guest, but the man with the frown and grumble has a small audience. Life is too short to be grouchy and those that got left during the holiday found the smiling way the best paying proposition, but Memorial day is coming, lest we forget. There were a few things that sold well,—sweet peas, smilax, cattleyas, long-stemmed American Beauties, lily of the valley and Richmond roses. Violets were medium, the double variety being mostly obtainable. Lilies in pots went rapidly but cut lilies did not sell. Carnations, yellow marguerites and snapdragon were indeed hard to move at any price. This week the markets are well stocked with everything; bulbous stock moves slowly. There are some nice carnations and roses to be had. The commission houses were well satisfied and the retail stores had a good Easter with an increased business.

### NOTES.

Among the visitors to the show was Mrs. Alexander Wallace. Her illustrious husband was often spoken of at the late show. Very few men had such a host of friends as he commanded, many read his writings who didn't know him personally, but were drawn to him through his remarkable knowledge. The path of glory often leads to the grave, and there one is forgotten, but it seems a pity that such a brilliant man who did so much for horticultural literature should not have some recognition so that the following generations would know that he had lived and what he did. After all, wouldn't it be better to say something nice to a man when he is alive than all the eulogies after he has gone?

Welch Bros. report business 25 per cent better than any other year in the history of the firm. The greatest demand was for long-stem American Beauties, smilax, sweet peas, cattleyas, Killarney roses, and pot lilies. All of the latter were cleaned out Saturday morning. Mr. Frysted, their representative, is going south in the interest of the firm for Memorial day supplies. Their sales in orchids are increasing. Carl Jorgens of New York is sending the firm some very fine American Beauties from a cool house.

Henry M. Robinson & Co. report an increase in business over any year, this being the best Easter the firm has ever had, the low prices prevailing on certain flowers was the cause of a great increase, as people purchased more. Henry Robinson is going south on a business trip to look after the fern trade for Memorial day. They have had some large western orders. Brown galax, they report, as a short crop; all that is available are of cold storage and prices have advanced.

Pierce and Hastings of the Park Street market, feel well pleased these days. In January they beat Becker and Davenport in a bowling contest, the stakes being a dinner. They met again last week with the same result, the dinner being paid for by the losers at the Bowling game. The losers, like the average Scotchman, not knowing when they are beaten, have asked for another try, and it is whispered the

## Wholesale Flower Markets

| BOSTON, April 26.                       |    | Per 100   |
|-----------------------------------------|----|-----------|
| Roses, Beauty best.....                 | 25 | 00/25 00  |
| "          medium.....                  | 15 | 00/25 00  |
| "          culls.....                   | 2  | 00/2 4 00 |
| Bride Bridesmaid.....                   | 2  | 00/2 6 00 |
| "          "          ".....            | 2  | 00/2 8 00 |
| Killarney and Richmond.....             | 2  | 00/2 8 00 |
| " My Maryland.....                      | 2  | 00/2 8 00 |
| " Carnot.....                           | 2  | 00/2 8 00 |
| Carnations, select.....                 | 1  | 00/2 2 00 |
| "          "          "          "..... | 2  | 00/2 5 00 |
| Callas.....                             | 8  | 00/12 00  |
| Cattleyas.....                          | 25 | 00/25 00  |
| Gardenias.....                          | 12 | 00/25 00  |
| "          "          "          "..... | 8  | 00/10 00  |
| Lily of the Valley.....                 | 2  | 00/2 4 00 |
| Violets.....                            | 25 | 50 00     |
| Smilax.....                             | 12 | 00/16 00  |

stakes are a trip to the coronation and return in June.

Wm. Riggs has the first Peach Bloom gladioli of the season. Everything William touches seems to grow well, like most of us he began a private gardener, then a commercial grower, back again to his old love as private gardener, finally starting in Auburndale, where everyone hopes he will succeed in his latest venture.

Chas. Techa, assistant to Thos. Peglar, has gone to the Massachusetts General Hospital for treatment. He was a great favorite in the market and the boys all hope for his speedy recovery.

The Springdale Greenhouses, Canton, Mass., is shipping some first-crop prize President Carnot roses from a cool house, which are fine.

The price of 16x24 greenhouse glass has advanced and it is getting so that it will be a hard job to fill large orders.

The cream of the market in Richmond roses are coming from H. W. Field, Northampton, Mass.

Jahn Bros., East Bridgewater, are seedling in some fine Harry Fenn carnations.

Willow Hill Greenhouses are sending in some fine marguerites.

Frank P. Putnam, Tewksbury, has some very fine snapdragon.

Mann Bros. and H. Waljecker have some very fine Spanish iris.

Herbert Calder is marketing some nice double violets.

MAC.

### Connecticut Horticultural Society.

The society has for several years desired to hold an exhibition of bulbous flowers, just before Easter, and this year made a good beginning. At the meeting April 11, the special feature was a fine display of tulips, narcissus, daffodils, Easter lilies, Dutch hyacinths, etc., mostly by Howard A. Pinney, from the extensive greenhouse plant of John Coombs, of which Mr. Pinney is one of the able foremen. He won a diploma and Alfred Cebellus a certificate of merit for three splendid plants of Calceolaria hybrida. William H. MacKenzie, of the Sessions greenhouses, at Bristol, also was awarded a certificate of merit for his exhibition of sweet peas, narcissus and tulips.

Mr. Pinney gave a talk on the culture of the various bulbous plants, bringing out many facts of value to greenhouse men. The judges for the evening were J. A. Weber, of Hartford; George E. Baker, of New Britain and W. H. Shumway, of Berlin. Of great

### TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies  
Digger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-b case \$7.50 by the lb. 25c. Laurel Wreaths, 10 each, 41.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimmings, 4 and 5c per yard

interest to the meeting was the report of various members concerning the National Flower Show at Boston. James M. Adams, President Huss, J. A. Weber, John Gerard and W. H. Shumway, all described in glowing terms the different features of that wonderful exhibition that most appealed to them.

During the last month, we have lost one of our oldest and most estimable members, Mrs. Maria L. Barnes, who was a life member, and long an inmate of the Old People's Home at Hartford. Wm. W. Myers, of Hartford, an amateur horticulturist, has also recently deceased.

Our schedule of events calls for "Hardy Primrose Night" at our next meeting, April 28, but the unusual lateness of the season—the ground here still freezing every night—necessitates a change to an exhibition of amaryllis plants, with a fitting paper by President Huss.

GEORGE W. SMITH, Secy.

### San Francisco.

#### A GRAND EASTER.

The Easter business with the florists was a grand success. With one exception there was plenty of stock in the market, and the large assortment of plants and cut flowers were readily disposed of. Lilies were, as usual, very scarce, partly due to the large demand for them, and many sales for them were refused.

### NOTES.

Many fine Easter displays were made by the more progressive retail firms, and this particularly applied in the case of Pellicano, Rossi & Co., who opened their door to the public but a few days before the Easter holidays.

A. Ringier, representing W. V. Barnard & Co. of Chicago, is at present in the city and, as usual, gets his full share of orders.

A new retail store was opened on Powell street, called the "Sign of the Rose." They report business very satisfactory.

Chas. Matrala, of the firm of Podesta & Baldochi, left recently for an extended trip through the east and Europe.

PHOENIX, ARIZ.—About the same as last year, is the report of the Phoenix Flower Store in regard to the sales during Easter. There seemed to be plenty of stock, enough of both plants and flowers, to meet the demand, and the prices did not vary from those of the year previous. There is very little call for plants in pots at any time of the year, and the trade here is satisfied to take what we have on hand in the line of cut flowers. There was a great plenty of roses. American Beauty, Maman Cochet, Marechal Niel, Kaiserin Augusta Victoria, and Meteor were in good supply and all grown out doors. There are no greenhouses here of any account, and there is but little need of them.

When in the Market for—

# Beauties, Richmond, Killarney, Maryland

State your price—you will be pleased with the good value we are giving in Roses.

THE LEO NIESSEN CO.,

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

Philadelphia, Pa.

## Pittsburg.

### A BIG GLUT

Very few words describe this market during the past week—"a big glut" is about all that is needed. The lily market was never worse; many of those meant for Easter coming in now. The prices run from \$5.00 per hundred to \$8.00 for select stock when a sale is made. The rose situation is about as second. Oddly enough, white carnations are not plentiful. Very fine sweet peas are pushing the violets to one side. American Beauties which have been very scarce all winter are now so plentiful that any decent price offered is taken by the wholesalers.

### NOTES.

Pat Maier had the misfortune to have a horse run away in the city and break his wagon. Luckily he was just through delivering a load of lilies for the Easter market.

John Martin, of the McCallum Co., spent several days at his home in Waynesburg. This firm is handling some exceptionally fine American Beauties.

Gus Ludwig and E. Beckfield, of the same firm were called to court most of Easter week, which certainly was a handicap for them.

H. H. Wiggins, the Butler street florist, has invented a new method of lettering ribbon by stencil.

Miss Krut, of Butler, was severely injured by a gas explosion just before Easter.

Joseph Jones is doing a fine business in his nursery store on Liberty avenue. J.

## Buffalo.

### THE BEST EASTER.

Easter has come and gone, and it is safe to say that the trade was never better. The sale of lilies was large, the stock of the best, and none were left. Roses, ramblers and hybrids, found ready sale for good stock, azaleas were never better and were in their usual demand, hydrangeas, spiraea, hyacinths and tulips all sold well. Special arrangements in birch bark baskets of all plants were very much in demand, and the originality of their arrangement made them very salable. Roses, carnations, and all cut flowers had their usual call. The usual demand for corsages was far exceeded this year. Special corsages of lily of the valley, orchids, gardenias and sweet peas, with daisies in some, still all different, were the call. All of the stores vied with each other to make a good display, and it was very interesting to view the different displays. Anderson and Palmer had stocks on hand that met all the calls for everything. Weddings and receptions have kept all busy since Easter and with the usual amount of funeral work there has not been any spare time with the florists. From inquiries among the growers all are satisfied and are now getting ready for spring bedding stock and will be ready for all comers. BISON.

HARTFORD, CONN. — Wallace W. Thompson has recently purchased two lots of land on the opposite side of the street from that now occupied by his greenhouses.

## Wholesale Flower Markets

| PHILADELPHIA, April 26. |           | Per 100   |
|-------------------------|-----------|-----------|
| Roses, Beauty, extra    | 50        | 00/25 00  |
| "    first              | 25        | 00/50 00  |
| "    Brides and Maids   | 2         | 00/15 00  |
| "    Killarney          | 4         | 00/25 00  |
| "    White Killarney    | 4         | 00/15 00  |
| Callas                  | 8         | 00/10 00  |
| Larkspur                | 25        | 00/50 00  |
| Daffodils               | 2         | 00/3 00   |
| Forget-me-nots          | 2         | 00/4 00   |
| Gardenias               | per doz.  | 2 00/4 00 |
| Lilac                   | per bunch | 75/1 00   |
| Lilium                  | 8         | 00/15 00  |
| Lily of the Valley      | 3         | 00/5 00   |
| Magnonette              | 5         | 00/8 00   |
| Sourdremons             | 10        | 00/25 00  |
| Sweet Peas              | 40        | 3 1 00    |
| Violets                 | 50        | 75 00     |
| Adiantum                | 1         | 00/2 1 50 |
| Asparagus               | per bunch | 50        |
| Smilax                  | 15        | 00/20 00  |

| PITTSBURGH, April 26.          |    | Per 100  |
|--------------------------------|----|----------|
| Roses, Beauty, special         | 20 | 00/25 00 |
| "    extra                     | 10 | 00/5 00  |
| "    No. 1                     | 6  | 00/8 00  |
| "    Bride Bridesmaid          | 2  | 00/6 00  |
| "    Larkspur                  | 2  | 00/6 00  |
| "    Killarney                 | 2  | 00/10 00 |
| "    My Maryland               | 2  | 00/6 00  |
| "    Richmond                  | 2  | 00/6 00  |
| Carnations                     | 50 | 00 00    |
| Lilium Longiflorum             | 10 | 00 00    |
| Lily of the Valley             | 4  | 00 00    |
| Romans                         | 2  | 00 00    |
| Sweet Peas                     | 50 | 2 00     |
| Violets                        | 50 | 2 00     |
| Adiantum                       | 1  | 00 00    |
| Asparagus Sprengeri, per bunch | 35 | 00 00    |
| "    strings, per string       | 55 | 00 00    |
| "    sprays, per bunch         | 35 | 00 00    |
| Smilax                         | 15 | 00 00    |

BRAMPTON, ONT.—The trade at Easter was about the same as last year, writes T. W. Duggan, manager of the Dale Estate. Prices were about the same and everything sold well. There was a shortage of lilies and ferns, but the supply of cut flowers was good. The prices obtained for lilies is too low, six, eight and ten cents for they do not pay the cost of production. We shall increase the price next season.

JANESVILLE, WIS.—The increase in the sales this year over last for the Easter trade is about 25 per cent, states the Janesville Floral Co. The prices were about the same as in 1910. There was plenty of everything in cut flowers, and a good supply of blooming plants, but a little short of lilies. Everything in the plant line that was well finished sold well. Bulbous stock did not seem to be wanted, but roses and carnations found good sale.

WAUKEGAN, ILL.—The sales this year, states Theo. Meyer, were much greater than at Easter, 1910, fully 25 per cent. The prices were about the same as last year, and the supply of both plants and cut flowers was equal to the demand. Easter lilies and blooming plants had a good call, while tulips and narcissus were not so much in demand. Carnations and lilies were the cut flowers having the greatest sale, roses being not so much favored.

KANSAS CITY, MO.—The Alpha Floral Co. states that the increase in business over Easter, 1910, is about 25 per cent. With the exception of azaleas there were plants enough to meet the demand and plenty of cut flowers, with

On quantity we can quote astonishingly low prices on following:

## Beauties, any size.

## Roses, any color.

## Carnations,

## Lilies, All Fine Stock

## THE McCALLUM CO., Inc.

PITTSBURGH, PA.

Mention the American Florist when writing

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street,

PITTSBURGH, PA.

Mention the American Florist when writing

## U S Budlong's Blue Ribbon Valley.

prices about the same as last year. Lilies and hydrangeas and carnations and violets were the plants and flowers most in demand. The cut flowers were fine, but small plants, such as single hyacinths in pots, are a nuisance to deliver.

PARKERSBURG, W. VA.—The increase in the business this Easter is about 25 per cent over last, reports J. W. Dudley & Sons. The trade in plants was very large. The sales of hydrangeas were very satisfactory. The two houses containing 2,500 plants were entirely sold out, as were the azaleas, rhododendrons and spiraea, the plants being shipped to different sections of the country. Sunday, April 9, the houses were opened to the public and fully 3,000 people visited the greenhouses between two and six o'clock in the afternoon.

ANGOLA, N. Y.—The sales at Easter will show an increase of about five per cent, says John J. Neubeck. The supply of plants was adequate to meet requests, but there was not enough cut flowers to fill all demands. Prices were about the same as last year. In the potted plants the call for daffodils was not as large, while hyacinths sold better than before. Carnations were most in demand for cut flowers, with less sale for tulips. Azaleas and lilies sold well and at good prices. The weather was cold and very windy, necessitating good wrapping for all plants to keep them from freezing.



## New York.

## LOW PRICES.

Cold rainy weather predominates, winter seems very loath to leave us this year, and with the possible exception of nurserymen perhaps, everybody is clamoring for warmer weather conditions. The cut flower trade has not yet received its normal balance, wholesale districts are overcrowded with all seasonable flowers, and prices are touching a lower level than has been known for a long time. To illustrate just how demoralized market values have been, we will mention that special grade blooms of American Beauty roses were cleared out in numbers one day recently at six dollars per hundred, they were a day or two old, undoubtedly, yet, it seemed an awful sacrifice. Not alone are the Beauties too numerous, but all other roses are just as plentiful and meeting with similar results. A reaction may set in any day, however, and it cannot come too soon. Carnations continue to come in in almost unlimited numbers; like roses, they have no hard and fast values, and are moved at whatever prices buyers will offer almost, the prime object being to clear out at any price in order to make room for the tomorrow's shipments. Sweet peas of a superfine grade are coming in and move fairly satisfactorily, ordinary short stemmed blooms are very numerous and are not so easily disposed of. Cattleyas are clearing out fairly well from day to day, as also is lily of the valley; these two items seem to be enjoying a run just now. Gardenias are quite unsatisfactory, there are too many of them, they have got into the hands of the street peddlers and their usefulness as a rare and choice morsel has thus become very much impaired for the time being. Lilies continue extremely plentiful, a great many are disposed of daily but the supply seems inexhaustible and prices are low. Snapdragon is one of the good things to have, prices on this remain quite steady, the supply not yet exceeding the demand to any appreciable extent. Violets of quite good quality are yet being received, thanks to the continued cold weather. Among the bulbous stock tulips are the most numerous and they are clearing out fairly well, considering the quantities of other flowers in the market. Southern grown narcissii has not been so much in evidence the last week or so, for which we no doubt ought to be thankful. Spanish iris, yellow and white, and cut forsythia is appearing; lilac is scarce; arbutus is more plentiful, as also are yellow and white daisies. Smilax has shortened up in supply considerably, causing a needed price. Asparagus and adiantum go fairly well continuously, these two items have held steadier in the market, perhaps, than have any line of cut flowers during all the present season.

April 25.—The weather today turned much warmer, stock continued to come in very plentiful, and while lots of it was moved, it went at very low figures; a rather peculiar feature is the fact that spring bulbous flowers are much easier to dispose of than are roses and carnations. Some dealers are of the opinion that the roses, Killarney and May Maryland, are producing three times the quantity that could be cut from the old varieties. Bride and Bridesmaid, and it is this excess of production that is responsible for the present glutted condition of the cut flower market.

## NOTES.

With the coming of May 1, several changes of location will take place among the wholesalers in Twenty-eighth street. A. H. Langjahr will vacate No. 55 and James McManus will immediately occupy these premises.

The Growers' Cut Flower Co. will move across Sixth avenue into the newly renovated building at 111 Twenty-eighth street, and Kessler Bros. will move across the street into No. 113. Fellingour, the green goods dealer, is also moving across the Sixth avenue line, and Thorley will take his Twenty-eighth street retail business across Broadway and get nearer the Fifth avenue district. Quite a few changes for one short block.

At the next Florists' Club meeting which comes on May 8, the essay committee will endeavor to have five minute talks from the following members: J. A. Mandl, orchids; A. Kakuda, Japan; A. T. Boddington, Bermuda; J. McHutchison, South America; W. J. Stewart, The Show Aftermath; J. H. Pepper, Long Island Farming; Al. Rickards, Commercial Traveling; J. G. Esler, Hall; H. A. Bunyard, Sweet Peas; H. Steinhoff, The New Market; W. DuRie, School Gardens; John Young, Reminiscences; R. M. Schultz, The Rose; W. Ebel, Insects. This program, if followed, will certainly bring out a most interesting meeting.

Steamers leaving this port for Europe are very much crowded these days, it is said the coronation exercises to take place shortly in England are responsible for the going away of a great many of the wealthy people, and some retailers are of the opinion that among certain classes of trade there is going to be very little doing for some time to come on that account. Still, there are a great many people who will stay right on this side of the big water, and the flower business will undoubtedly keep right on steadily increasing in volume, just as it does with each succeeding year.

A team of expert bowlers came in from Tuxedo, N. Y., on the evening of April 21, and played three games with the New York Florists' team in Thum's alleys. The visitors made a fine showing during the first game, but the New Yorkers succeeded in defeating them in the second and third games, and so won the match. A return match will be arranged for some time in the near future. On May 2 the New York team of bowlers from the seed district will go to Madison, N. J., to meet a gardeners' team of that town.

Visitors: S. S. Pennock, Philadelphia, Pa.; J. Ruppert, representing H. A. Dreer, Riverton, N. J.

## Albany, N. Y.

Easter, 1911, has gone into the past as an exceptionally good year in this section for the florists. The dealers all say that business "was better than ever," but how much better is the question that is hard to answer. The public found a good supply of everything and a tendency to more moderate prices owing to the abundant supply. Violets sold at \$2.00 a hundred at all the stores, a figure perhaps a little under the average. The trade had no difficulty in getting from Poughkeepsie and Rhinebeck all the supplies needed and all had a sufficiency. Red and pink azaleas sold well and prices ranged from \$1.00 a plant to \$25 for some very large and extra choice specimens. This year the trade had a violet sweet pea which competed with violets at \$2.50 a hundred. Ordinary sweet peas brought \$1.50 to \$2.00 a hundred. The public took kindly to Crimson Rambler and Dorothy Perkins roses and many of these climbing favorites were sold. Prices ranged from \$1 to \$15 a plant. New plants were rare. One dealer had some mountain laurel at \$4 each and bougainvilleas were more numerous than in years past and brought good prices, \$3 and \$5 each. Some English hawthorn was in the market at \$4 and \$5 a plant and was a favorite

**Charles Weiss & Sons**

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Receivers and Growers of Cut Flowers.  
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## NOTES.

The home of Frederick Goldring and wife, Fort Grove, Slingerlands, was the scene, on April 18, of the wedding of their daughter, Miss Esther, to Romain B. Ostrander of Brooklyn. The house was tastefully decorated with foliage plants and marguerites, and the bride carried a shower bouquet of the latter. The ceremony was performed by the Rev. Norman McLeod, pastor of the New Scotland Presbyterian church. The guests numbered 40, relatives of the couple. Mr. and Mrs. Ostrander will live in Brooklyn. Mr. Goldring, father of the bride, was for three years president of the Albany Florists' Club. Theodore S. Strickler, aged 72 years, one of the oldest florists of this section, died at his home in Watervliet on April 16. For years he conducted a small establishment on Broadway, Watervliet. On account of its proximity to the street car line it was known to a large number of people who had no connection with the florists' business.

William C. King gave up his retail store at 24 Steuben street the day after Easter, and will confine himself entirely to the greenhouses at 1056 Madison avenue where he will grow stock for the trade. R. D.

WESTBORO, MASS.—Leonard C. Midgley, manager of the Worcester Conservatories, has bought 70 acres of land and is planning to have built, by the King Construction Co., of N. Tonawanda, N. Y., two greenhouses 50x300 feet. It is expected the houses will be finished by June 15, at about which time Mr. Midgley and his family will move from Worcester to their new home here.

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**Wholesale Flower Markets**

| NEW YORK, April 26.              |              |
|----------------------------------|--------------|
| Roses, Beauty, special.....      | 15 00@ 25 00 |
| "    "    extra and fancy....    | 6 00@ 8 00   |
| "    No. 1 and No. 2.....        | 2 00@ 6 00   |
| "    Bride, Bridesmaid, special. | 3 00@ 5 00   |
| "    extra and fancy.....        | 2 00@ 3 00   |
| "    No. 1 and No. 2.....        | 3 50 1 00    |
| "    Killarney, My Maryd and     | 3 00@ 5 00   |
| "    extra and fancy.....        | 2 00@ 3 00   |
| "    No. 1 and No. 2.....        | 75@ 1 00     |
| "    Richmond.....               | 1 00@ 8 00   |
| Carnations.....                  | 2 00@ 3 00   |
| Callas.....                      | 6 00@ 8 00   |
| Cattleyas.....each.....          | 35@ 75       |
| Gardenias.....per doz.....       | 1 00@ 2 00   |
| Lilium Longiflorum.....          | 2 00@ 4 00   |
| Lily of the Valley.....          | 1 00@ 2 00   |
| Narcissus P. White.....          | 1 00@ 2 00   |
| "    Yellow.....                 | 1 00@ 2 00   |
| Roman Hyacinths.....             | 1 00@ 1 50   |
| Sweet Peas.....per doz. bchs.    | 60@ 1 00     |
| Tulips.....                      | 1 50@ 3 00   |
| Violets.....                     | 15@ 25       |

| BUFFALO, April 26                   |              |
|-------------------------------------|--------------|
| Roses, Beauty, special.....         | 40 00@ 50 00 |
| "    "    extra.....                | 25 00@ 30 00 |
| "    No. 1.....                     | 10 00@ 15 00 |
| "    No. 2.....                     | 4 00@ 6 00   |
| "    Bride Maid, Killarney.....     | 5 00@ 12 00  |
| "    Killarney, White and Pink..... | 6 00@ 12 00  |
| Carnations.....                     | 2 50@ 5 00   |
| Callas.....                         | 10 00@ 12 50 |
| Daisies.....                        | 1 00@ 1 50   |
| Double Von Sion.....                | 2 00@ 3 00   |
| Lilium Longiflorum.....             | 12 00@ 15 00 |
| Lily of the Valley.....             | 3 00@ 4 00   |
| Mignonette.....                     | 3 00@ 5 00   |
| Myosotis, per bunch.....            | 10@ 20       |
| Sweet Peas.....                     | 75@ 1 25     |
| Trumpet Major.....                  | 2 00@ 3 00   |
| Tulips.....                         | 2 50@ 3 00   |
| Violets.....                        | 75@ 1 25     |
| Adiantum Croomeanum.....            | 75@ 1 50     |
| Asparagus, per bunch.....           | 35@ 50       |
| Asparagus Sprengeri.....            | 35@ 50       |
| Asparagus Str.....                  | 50@ 60       |
| Perns.....per 1000.....             | \$3 00       |
| Galax, green and bronze.....        | 1 50         |
| Leucothoe Sprays.....               | 75           |
| Smilax.....                         | 15 00        |

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New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

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DETROIT, MICH.

### Easter Business.

The early reports of the Easter business which were received in time for publication in our last week's issue, plainly indicated that there had been a large increase in the amount of trade done all over the country and subsequent reports fully substantiate the fact. Two great features stand out very prominent in the trade this season, that the stock was of good quality, and that the prices were not materially advanced. It is very plain that these two important things had much to do with the great increase, and a lesson should be learned from the result. At all the great days be careful to give the customers only the best quality of stock and shun all pickled stock and refuse to handle it if it is received, and do not scare the customer away with exorbitant prices and allow them to have the impression that florists are all "hold up men." It is very gratifying to read and hear so many say that this Easter "was the best ever."

BAKOR, ME.—Adam Sekinger states that it was the best Easter trade that we ever had, and all the stores did a good business and sold out clean. It was almost impossible to get all the flowers delivered on time Sunday. The increase in the sales over 1910 is fully 25 per cent. The prices were about the same as last year. The trade in plants was good, especially in Rambler roses, and more could have been sold could they have been obtained, hydrangeas, lilacs and all shrubs sold poorly this year. The cut flower trade was fine, everything sold well, and the supply of roses, carnations, daffodils, tulips, was adequate and of good quality. Violets were short and the stock was poor. We have broken ground for a new house for Killarney roses 35x300 feet.

PUEBLO, COLO.—The Easter trade this year, states G. Fleischer, was about the same as the year previous. There was a good supply of lilies and bulb stock, and prices were no better than last year. There was a good demand for sale of lilies and hyacinths, but daffodils, tulips and lily of the valley did not sell well. In cut flowers, roses and carnations were most in demand. Made up plant baskets do not sell here, and the churches do not have the florist make the decorations, hiring the plants by the dozen. Mr. Fleischer has been very ill with sciatic rheumatism and nerve trouble since the middle of January and was unable to attend to the Easter business, but is improving slowly.

OKLAHOMA CITY, OKLA.—The Easter trade was about the same as last year,

writes The Stiles Co. The supply of both plants and cut flowers was equal to the demand, this is a matter which any good business manager can fully control. All the well-grown plants and first-class flowers sold well. Angel's Greenhouses has opened a store at Third and Broadway. The Brenner Floral Co., one at 5 North Robinson street, and The Stiles Co. has moved from 139 to 202 West Main street. A hail storm on April 13 broke all the glass in the greenhouses at Wheeler Park and did considerable damage at Angel's greenhouses and at Carter & Hagemann, vegetable growers.

FALL RIVER, MASS.—Chatterton Warburton writes that the Easter business increase was about five per cent over last year. Prices were about the same and the supply of all kinds of stock except violets was adequate. All the blooming plants sold well and there was a good call for violets, lily of the valley, daffodils and orchids. The supply of lilies was good, but they sold out clean. The trade in plants is constantly increasing, as is the demand for corsages of violets, lily of the valley and orchids.

LYNN, MASS.—The best Easter we ever had reports F. J. Dolansky, the increase in sales amounting to about 25 per cent, with prices about the same as last year. Lilies and azaleas were the best selling plants and more lilies could have been sold, being short of the demand. The medium grades of cut flowers were very plentiful and there was a good call for sweet peas, violets and carnations. The weather was fine, which was of great assistance in packing and delivering.

NEW ORLEANS, LA.—The Easter trade was about the same as last year, writes Abele Bros. Prices were no better, and with the exception of carnations, the supply of flowers and plants was fully equal to the demand, lilies and carnations are the favorites and mostly in request. There was little call for foliage plants, the demand being almost entirely for plants in flower. There was a lot of pickled stock shipped here from Chicago, which was unfit for sale upon arrival.

DALLAS, TEX.—The Texas Seed & Floral Co. states that the increase in the business done at Easter over that of the year previous is about 20 per cent. The prices were about the same and there was stock enough of both plants and flowers to meet all demands. The best selling plants were lilies and hydrangeas, medium sized plants was what the trade wanted, those at about \$1.00 each sold the best. All cut flowers sold well, especially lilies.

POUGHKEEPSIE, N. Y.—The Salford Flower Shop writes: Ideal weather for delivery. The sale of blooming plants



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greatly increased and we find that it is growing constantly. The sale of cut flowers was about the same as last year. General business is the best ever and there are plenty of decorations booked for the coming months.

YORK, PA.—The sales this year at Easter were 50 per cent better than last, says Chas. A. Schaefer. The demand for both plants and cut flowers was much greater than in 1910, everything that was salable was sold. Violets were in great demand, but the supply was short and lily of the valley and roses were used instead.

COLUMBUS, O.—The Easter trade this year was the best we ever had writes John R. Hellenthal. There was a shortage of good stock.

# HARDY AND CLIMBING ROSES

## Hardy Perpetual Roses

We offer extra-strong forcing two-year-old dormant, low-budded stock, in the following varieties, true to name:  
Price, 75c for 5 (of one variety), \$13.00 per 100, \$120.00 per 1000 (immediate delivery).

Alfred Colomb. Carmine-crimson.  
Anne de Diesbach. Bright carmine.  
Ball of Snow (Boule de Neige). Large, pure white.  
Capt. Christy. Delicate flesh color.  
Clio. Satin blush.  
Duke of Edinburgh. Bright vermillion.  
Fisher Holmes. Dark variety crimson.  
Frau Karl Druschki. The finest white in existence.  
Gloire de Margottin. Dazzling red.  
Gen. Jacquemont. Brilliant crimson.  
John Hopper. Bright rose.  
La France. Peach blossom pink.  
Mme. Charles Wood. Bright carmine.  
Marshall P. Wilder. Cherry rose and carmine.  
Magna Charta. Dark pink.  
Mme. Gabriel Luizet. Light, satiny pink.  
Mrs. Sharman Crawford. Deep rosy pink.  
Paul Neyron. Lovely dark pink.  
Ulrich Brunner. Cherry-red.

For prices see above.

## English Moss Roses

Assorted. White, Pink, Red. Large dormant plants, from open ground. 75c for 5, \$14.00 per 100.

## Baby Rambler Roses.

PHYLLIS. Very fine clear pink, highly recommended, \$1.25 for 5, \$20.00 per 100.  
BOSKOP BABY. Color beautiful shade of China rose, very free-flowering and easily forced. \$3.25 for 10, \$30.00 per 100.  
BABY DOROTHY. "Baby Dorothy," when planted out, flowers perpetually from Spring until Autumn. It makes an excellent pot plant for forcing. Price for strong, field-grown plants, 85c for 5, \$15.00 per 100.  
CATHERINE SEIMETH. A very important novelty. A White Baby Rambler Rose, larger and better flowers than the type. White with yellowish center. It has the true rose perfume. 85c for 5, \$15.00 per 100.  
MRS. WM. H. CUTBUSH. A grand acquisition to the Baby Rambler class. Color intense crimson and exceptionally free-flowering. 85c for 5, \$16.00 per 100.  
MME. NORBERT LEVASSEUR (Baby Rambler). Strong, field-grown plants. 75c for 5, \$14.00 per 100.

## Ramblers and Other Climbing Roses.

CLIMBING BABY RAMBLER (Miss C. Messman). A novelty for 1911. Where the Baby Rambler is popular, the climbing type will soon become so too. We have a small stock and offer same for donation. It is a true Polyantha type, color deep rose. 50c each, \$2.25 for 5, \$40.00 per 100.  
GLOIRE DE DIJON. Color buff, orange center, very sweet-scented. Field-grown, \$1.50 for 5, \$22.50 per 100.  
CRIMSON RAMBLER. American Grown. The only stock for forcing. Large heavy plants, two years old, mossed and packed in bundles of 10, 3 to 5 feet, \$1.75 for 10, \$15.00 per 100; 4 to 6 feet, \$2.25 for 10, \$20.00 per 100; 7 to 8 feet, extra heavy, \$4.00 for 10, \$35.00 per 100.  
DOROTHY PERKINS. Resembles the Crimson Rambler, except in color, which is a lovely shell pink, holding a long time without fading. 4 to 5 feet, \$1.75 for 10, \$15.00 per 100; 8 to 9 feet, \$2.00 for 10, \$18.00 per 100.  
TAUSENDSCHON. The new Rambler Rose. The name translated means a "thousand beauties." Color beautiful rose, shading to pink. \$1.75 for 10, \$15.00 per 100.  
TAUSENDSCHON (Grown as a Standard). Fine for forcing. 40c each, \$3.75 for 10, \$35.00 per 100.

## Something New in Roses for Florists

### Half Standard Baby Ramblers

These are Baby Ramblers, grown on stems or standards about one and one-half feet high, and will be a novelty for your trade you cannot profitably overlook. Easily forced. They are offered in the following varieties:

BABY DOROTHY (Half Standard). Deep pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY RAMBLER (Half Standard). Crimson, 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY CATHERINE SEIMETH (Half Standard). White. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY "STARS AND STRIPES" (Half Standard). White and red grafted on the same plant; most attractive. 45c each, \$1.50 per doz., \$35.00 per 100.  
MRS. CUTBUSH (Half Standard). Rose pink. 40c each, \$4.00 per doz., \$30.00 per 100.

## English Grown Hybrid Tea, or Ever-blooming Roses, etc.

Hybrid Tea or Everblooming Roses are becoming more popular every year. As hardy as the perpetuals, with slight protection in winter, they give a wealth of bloom all through the summer months and late in the fall till frost checks them.

THE KILLARNEY ROSE. This is a grand Rose for either indoor or outdoor cultivation: is a strong grower and the blooms, which are of a beautiful pink, are borne in great profusion. Strong, 2-year-old field-grown stock, \$1.25 for bundle of 5; \$22.50 per 100.

MAMAN COCHET ROSES. The best of all Roses for summer-flowering and cutting. Maman Cochet (Pink). Color a clear, rich pink changing to silvery rose; very double and fragrant. Maman Cochet (White). A sport from the above, with all its characteristics; color a beautiful snow-white, at times tinted with the faintest suggestion of blush, the same as is often found in the Bride. \$1.25 per bundle of 5; \$22.50 per 100.

BESSIE BROWN. Creamy white, \$2.50 for 10; \$22.50 per 100.

HERMOSA. Soft pink; flowers full and freely produced; a good grower, \$1.25 for 5; \$20.00 per 100.

PRESIDENT CARNOT. Almost pure white Rose, shading to soft pink, very distinct and excellent for indoor or outdoor summer growing, \$1.25 for 5; \$22.50 per 100.

BETTY. Coppery yellow, overpaved with golden rose. A fine formed Rose, large and moderately full, \$1.75 for 5; \$25.00 per 100.

MADAME ABEL CHATENAY. Carmine-rose, shaded salmon-pink, \$2.50 per 10; \$22.50 per 100.

MILDRED GRANT. Cream, with a faint blush of pale rose, \$2.50 per 10; \$22.50 per 100.

AMERICAN BEAUTY. Almost too well known for description, but as popular today as twenty years ago. Rosy carmine, shaded salmon, flowers large and full; very floriferous. Strong field-grown plants, 75c for bundle of 5; \$14.00 per 100.

CAROLINE TESTOUT. Bright satin rose, with brighter center. Large, full and globular; sweet-scented, \$1.25 for bundle of 5; \$22.50 per 100.

We carry a much larger list of Hybrid Teas in our retail catalogue, which will be sent on application.

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The Roses here offered are field grown plants which have been potted into 5 or 6 inch pots (according to the growth of the variety) during the winter months. They have been stored in cold houses and coll frames and are in the best possible condition to turn over to your retail customers for outdoor planting, giving an entirely different result from stock carried over winter in storage. For best results the plants should be shipped in pots; in this shape they will carry safely to reasonable distances by freight.



HYBRID-TEA ROSE KAISERIN AUGUSTA VICTORIA

### Hybrid-Tea Roses.

#### Select Standard Varieties—Strong Two-year Old Plants.

| Each                             | Per 100 | Kaiserin Augusta Victoria    | Per 100 |
|----------------------------------|---------|------------------------------|---------|
| Antoine Riviere                  | \$20.00 | Lady Ashdown                 | 25.00   |
| Bessie Brown                     | 30.00   | Lady de la Tour              | 30.00   |
| Belle Siebrecht                  | 30.00   | La France                    | 25.00   |
| Celia                            | 40.00   | Lady Wrenlock                | 30.00   |
| Caroline Testout                 | 25.00   | La France                    | 30.00   |
| Dean Hole                        | 30.00   | La France                    | 30.00   |
| Earl of Warwick                  | 30.00   | Liberty                      | 30.00   |
| Elise Willmet                    | 30.00   | Mme. Phillippe Riviere       | 35.00   |
| Esmeralda                        | 30.00   | Mme. Paul Oliver             | 30.00   |
| Eda Meyer                        | 30.00   | Mme. Jenny Gilmet            | 30.00   |
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### Tea Roses.

#### Novelties and Recent Introductions—Strong Two-year Old Plants.

| Each                                         | Per 100 | Mrs. Foley Hobbs (Dickson & Sons 1910) | Each |
|----------------------------------------------|---------|----------------------------------------|------|
| Hugo Roller (Wm. Paul & Son 1907)            | \$3.50  | 1910                                   | 2.00 |
| Molly Sherman Crawford (Dickson & Sons 1910) | 65      | Nita Weldon (Dickson & Sons 1909)      | 1.00 |

#### Teas and Other Everblooming Roses. Two-year Old Plants.

| Each                 | Per 100 | Mrs. B. R. Cant               | Per 100 |
|----------------------|---------|-------------------------------|---------|
| Catherine Mermel     | \$25.00 | Maman Cochet Pink             | 25.00   |
| Comtesse Rie du Parc | 25.00   | Maman Cochet White            | 25.00   |
| Corallina            | 25.00   | Maria Van Houtte              | 25.00   |
| Charlotte Klemm      | 25.00   | Mme. Joseph Schwartz          | 20.00   |
| Comtesse du Bray     | 25.00   | Paix Genter                   | 25.00   |
| Clothilde Souper     | 25.00   | Queen Mab                     | 25.00   |
| Duchess de Brabant   | 25.00   | Queen's Scarlet, or Agrippina | 25.00   |
| Etoile de Lyon       | 25.00   | Souvenir de Pierre Notting    | 25.00   |
| Francisca Kruger     | 25.00   | Souvenir de Catherine Guillot | 25.00   |
| G. Nabeand           | 25.00   | Safrano                       | 25.00   |
| Hermosa              | 25.00   | William R. Smith              | 25.00   |
| Leonie Lamesch       | 25.00   |                               |         |

### Hybrid-Tea Roses. Novelties and Recent Introductions. Strong Two-year Old Plants.

| Each                                         | Per 100 | Lady Fairie (Hentley 1906)                         | Per 100 |
|----------------------------------------------|---------|----------------------------------------------------|---------|
| Comtesse Icy Hardegg (Souper & Notting 1908) | \$9.50  | Lady Frank (Dickson & Sons 1908)                   | 25.00   |
| Cynthia Ford (H. Dickson 1908)               | 85      | Lina Schmidt Michel (Lambert 1907)                 | 25.00   |
| Chateau de Clos Vougeot (Permet Ducher 1908) | 50      | Lyons (Permet Ducher 1907)                         | 25.00   |
| Comtesse de Gosford (McGillivray 1906)       | 50      | Laurent Carle (Permet Ducher 1907)                 | 25.00   |
| Duchess of Wellington (Dickson & Sons 1909)  | 85      | Lady Alice Stanley (McGillivray 1906)              | 25.00   |
| Dorothy Page Roberts (Dickson & Sons 1907)   | 50      | Mrs. Harold Brookbank (Dickson & Sons 1909)        | 25.00   |
| Elizabeth Barnes (Dickson & Sons 1907)       | 50      | Mme. Melanie Souper (Permet Ducher 1907)           | 25.00   |
| F. R. Paton (Dickson & Sons 1909)            | 85      | Mme. Maurice de Luxe (Permet Ducher 1907)          | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Peter Blair (Dickson & Sons 1908)             | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Marquise de Siney (Permet Ducher 1907)             | 25.00   |
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| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Aaron Ward (Permet Ducher 1907)               | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. A. R. Waddell (Permet Ducher 1907)            | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Bargaret (Wm. Paul & Son 1908)                     | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Arthur Munt (Dickson & Sons 1908)             | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Walsford Christie Miller (McGillivray 1906)   | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mme. P. Euler (Goulet 1908)                        | 25.00   |
| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Alfred Tate (McGillivray 1906)                | 25.00   |
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| Flower of the Valley (Dickson & Sons 1909)   | 85      | Mrs. Charles Gustis Harrison (Dickson & Sons 1909) | 25.00   |
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| Flower of the Valley (Dickson & Sons 1909)   | 85      | Orto van Bismarck (Schmidt 1908)                   | 25.00   |
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# Dreer's Select Potted Roses

## FOR OUTDOOR PLANTING

The Roses here offered are field grown plants which have been potted into 5 or 6 inch pots (according to the growth of the variety) during the winter months. They have been stored in cold houses and cold frames and are in the best possible condition to turn over to your retail customers for outdoor planting, giving an entirely different result from stock carried over winter in storage. For best results the plants should be shipped in pots; in this shape they will carry safely to reasonable distances by freight.



### Rambler, Hardy and Tender Climbing Roses. Strong Two-year Old Plants.

| Per 100 | American Pillar                                      | Per 100 |
|---------|------------------------------------------------------|---------|
| 25.00   | Baltimore Belle                                      | 25.00   |
| 25.00   | Crimson Rambler                                      | 25.00   |
| 25.00   | Climbing Clothilde Souper                            | 25.00   |
| 25.00   | Climbing Caroline Testout                            | 25.00   |
| 25.00   | Climbing Belle Subrecht                              | 25.00   |
| 25.00   | Climbing Kaiserin Augusta Victoria                   | 25.00   |
| 25.00   | Dorothy Perkins                                      | 25.00   |
| 25.00   | Delight                                              | 25.00   |
| 25.00   | Eschola                                              | 25.00   |
| 25.00   | Flower of Fairfield (Ever-blooming Climbing Rambler) | 25.00   |
| 25.00   | Gloire de Dijon                                      | 25.00   |
| 25.00   | Hiawatha                                             | 25.00   |
| 25.00   | Lady Gay                                             | 25.00   |
| 25.00   | Marchal Niel                                         | 25.00   |
| 25.00   | Reepart Fairy                                        | 25.00   |
| 25.00   | Philadelphia Rambler                                 | 25.00   |
| 25.00   | Princess Queen                                       | 25.00   |
| 25.00   | Reine Marie Henriette                                | 25.00   |
| 25.00   | Tausendkronen                                        | 25.00   |
| 25.00   | Triumph                                              | 25.00   |
| 25.00   | Veilchenblau (Blue Rose)                             | 25.00   |
| 25.00   | White Dorothy                                        | 25.00   |
| 25.00   | White Microphylla                                    | 25.00   |
| 25.00   | White Banksia                                        | 25.00   |
| 25.00   | Yellow Banksia                                       | 25.00   |
| 25.00   | Yellow Rambler                                       | 25.00   |

### Standard or Tree Shaped Roses. Good Plants in 7-in. Pots.

| Per 100 | Caroline Testout   | Per 100 |
|---------|--------------------|---------|
| 25.00   | Frau Karl Druschki | 25.00   |
| 25.00   | Killerney          | 25.00   |
| 25.00   | La France          | 25.00   |
| 25.00   | Mme. Jules Groler  | 25.00   |
| 25.00   | Ulrich Brunner     | 25.00   |

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### Hybrid Perpetual Roses.

#### Two-year Old Plants.

| Per 100 | Per 100             | Per 100 |
|---------|---------------------|---------|
| 825.00  | Hugh Dickson        | 25.00   |
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| 25.00   | American Beauty     | 25.00   |
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| 25.00   | Camille Benardini   | 25.00   |
| 25.00   | Capt. Christy       | 25.00   |
| 25.00   | Charles Hayward     | 25.00   |
| 25.00   | Clio                | 25.00   |
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| 25.00   | Duke of Edinburgh   | 25.00   |
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| 25.00   | General Jacqueminot | 25.00   |
| 25.00   | Gloire de Marquise  | 25.00   |
| 25.00   | Gloire de Lyon      | 25.00   |
| 25.00   | Her Majesty         | 25.00   |

### Baby Rambler Roses

| Per 100                         |         | Strong Two-year Old Plants. |         |
|---------------------------------|---------|-----------------------------|---------|
| Anchen Muller, Pink Baby        | \$25.00 |                             | Per 100 |
| Catherine Zeimet, White Baby    | 20.00   | Blanche Moreau              | \$25.00 |
| Mme. Norbert Lavasseur, Crimson |         | Comtesse de Muranais        | 25.00   |
| Baby                            | 20.00   |                             |         |
| Mrs. Cuthbert, Cherry Red Baby  | 25.00   |                             |         |

### Rugosa Roses

| Per 100 | Blanc Double de Coubert | Per 100 |
|---------|-------------------------|---------|
| 825.00  | Rugosa Red              | 25.00   |
| 25.00   | Rugosa Yellow           | 25.00   |
| 25.00   | Rugosa Yellow           | 25.00   |

### Austrian or Yellow Aris Roses. Two-year Old Plants.

| Per 100 | Austrian Copper | Per 100 |
|---------|-----------------|---------|
| 25.00   | Austrian Yellow | 25.00   |
| 25.00   | Harrison Yellow | 25.00   |
| 25.00   | Persian Yellow  | 25.00   |

### Moss Roses

#### Strong Two-year Old Plants.

| Per 100 | Blanche Moreau     | Per 100 |
|---------|--------------------|---------|
| 825.00  | Comtesse de Muraud | 25.00   |
| 25.00   | Crested Moss       | 25.00   |
| 25.00   | Crimson Globe      | 25.00   |
| 25.00   | Gloire de Mosses   | 25.00   |
| 25.00   | Princess Adelaide  | 25.00   |

### Sweet Briar Roses

#### Strong Two-year Old Plants.

| Per 100      | Refugeance (New)                 | Per 100 |
|--------------|----------------------------------|---------|
| 75 cts. each | Anne de Geierstein               | 25.00   |
| 25.00        | Brenda                           | 25.00   |
| 25.00        | Lord Penance                     | 25.00   |
| 25.00        | Lady Penance                     | 25.00   |
| 25.00        | Meg Merrilies                    | 25.00   |
| 25.00        | English Sweet Briar or Eglantine | 25.00   |



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10,000 seeds 33.00

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Dreer's Peerless Pink and Pink Per 100 Per 1000  
Beauty, 2 in. pots \$3.00 \$75.00  
Vick's Early and Late Branching,  
rose pink and white, 2 in. .... 2.00 18.50  
Vick's, same varieties as above, from  
flats, ..... 1.50 12.00

**CANNAS**

Strong plants from 3 in. pots: Alph. Bouvier,  
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Eisels, Jean Tissot, Louisiana, Nina Crozy,  
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\$3.00 per 100; \$25.00 per 1000.  
King Humbert, \$5.00 per 100; \$40.00 per 1000.

**Dahlias** Embracing all classes from 2 in.  
pots, \$2.00 per 100 and up; 100.  
our selection, in 10 to 20 kinds, for \$18.50.

R. VINCENT, JR. & SONS CO., Whi'e Marsh, Md.

TAMPA, FLA.—The sales were about the same at Easter as last year, writes Anton Fiehe, proprietor of the Tampa Floral Co. The supply of both plants and cut flowers was adequate for all demands, and the prices were lower. There was not a heavy call for decorative stock, such as palms, ferns and crotons, but a good demand for lilies, callas, carnations, asters, pansies and hydrangeas.

WILMINGTON, DEL.—William N. Potter states that the Easter business this year was about the same as last, as were also the prices which prevailed. There was a good supply of both plants and cut flowers, plenty to meet all the calls. The greater demand was for cut flowers, carnations, snapdragon, daffodils, violets and roses being the kinds having the best call. There was a good variety of blooming plants, such as lilacs, genistas, lilies, hyacinths, spiraeas, pansies, tulips, cinerarias and azaleas.

FREDERICTON, N. B.—The most satisfactory Easter on record, writes John Bebbington & Son, the sales showing an increase of about 25 per cent over any previous year. The prices for the same quality of stock were about the same. The supply of plants was good, and there were enough to fill all orders, there was also enough cut flowers with the exception of violets, of which more good ones could have been sold. Lilies were most in demand, hyacinths, tulips and daffodils in pans second, lily of the valley being the least salable. Good roses and carnations sold well. The weather was excellent and contributed to the brisk trade of Thursday, Friday, Saturday and Sunday.

LITTLE ROCK, ARK.—Tipton & Hurst write that the sales at Easter were about the same as last year, with prices no better. There was a short supply of blooming plants, not enough to meet the demand. In cut flowers the stale stock which was received was too large and could not be used. Lilies were the plants most desired, and cut lilies, sweet peas and roses were the favorite flowers, the carnations were all asleep when they arrived. We could

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Especially Good Value for Decorative Work

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|                                                  |        |  |
|--------------------------------------------------|--------|--|
|                                                  | Each   |  |
| 3 plants, 36 in. high.....                       | \$2.50 |  |
| 4 to 5 plants, 9 in. cedar tubs, 4 ft. high..... | \$4.00 |  |
| 4 to 5 plants, 9 in. .... 5 ft. high.....        | 6.00   |  |

**Kentia Belmoreana**

|                                    |        |         |
|------------------------------------|--------|---------|
|                                    | Each   | Doz     |
| 7 in. cedar tubs, 36 in. high..... | \$2.50 | \$30.00 |
| 7 in. .... 40 in. ....             | 3.00   | 36.00   |
| 9 in. .... 42 in. ....             | 4.00   |         |
| 9 in. .... 48 to 54 in. high.....  | 6.00   |         |
| 9 in. .... 5 ft. high.....         | 8.00   |         |

**Scottli Ferns**

|                                             |        |
|---------------------------------------------|--------|
|                                             | Each   |
| 6 in. azalea pots, heavy, ready for a shift | \$0.50 |

**Kentia Forsteriana****Made Up**

|                                                         |       |
|---------------------------------------------------------|-------|
|                                                         | Each  |
| 4 plants in 9 in. cedar tubs, 42 to 48 in. high, \$4.00 |       |
| 4 " 12 in. .... 5 ft. high.....                         | 12.50 |

**Cibotium Scheidei**

|                                     |        |
|-------------------------------------|--------|
|                                     | Each   |
| 9 in. cedar tubs, 4 ft. spread..... | \$4.00 |

**Boston Ferns**

|                                     |        |
|-------------------------------------|--------|
|                                     | Each   |
| 9 in. azalea pots, heavy plants, 2½ |        |
| to 3 ft. spread .....               | \$1.50 |

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Direct Waterway from Coblenz

**Geraniums**

|                                                         |         |
|---------------------------------------------------------|---------|
|                                                         | Per 100 |
| S. A. Nutt and 6 other vars., 3 in. pots, April 15..... | \$5.00  |
| 3,000 Geraniums, 2½ in. pots .....                      | 3.00    |
| Asp. Plumosus, May 15.....                              | 2.00    |
| Sprenger, May 1.....                                    | 2.00    |
| 10 vars. Cannas, May 1.....                             | 4.00    |
| King Humbert, 3½ in. pots .....                         | 6.00    |
| Alternantheras, red and yellow, 2½ in. pots, 2.....     | 2.00    |

Please, Cash.

**JOS. H. CUNNINGHAM, Delaware, O.**

have sold an immense quantity of carnations had they been salable, but as they came in such poor condition we

**Coleus**

|                                         |               |
|-----------------------------------------|---------------|
|                                         | Per 100       |
| 10 varieties, 2 in. pots.....           | \$2.00        |
| Verbenas .....                          | 2.00          |
| Plamosus Seedlings, April 20.....       | 1.25          |
| Sprenger Seedlings .....                | 1.00          |
| Salvias, from 2 in to 2½ in. pots ..... | 3.00          |
| Petunia Seedlings, Double Seed.....     | 2.50          |
| Asparagus Plumos Seed .....             | per 1000 2.50 |

lost entirely on them. Since April 11 up to the present time we have been unable to procure salable carnations.

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FROM NEW YORK EXCEPT AS NOTED.

May 2.

Kronprinzessin Cecilie, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

Potsdam, Holl.-Amer., 10 a. m., Hoboken Pier.  
FROM BOSTON, Franonia, Cunard, East Boston Pier.

May 3.

Mauretania, Cunard, Piers 54 and 56, North River.

Teutonic, White Star, 11 a. m., Piers 60 and 61, North River.

FROM BALTIMORE, Breslau, No. Ger. Lloyd, 2 p. m., Pier 9, Locust Point.

May 4.

George Washington, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

Bulgaria, Ham.-Amer., 3 p. m., Hoboken Pier.  
La Lorraine, French, 10 a. m., Pier 57, North River.

May 5.

FROM QUEBEC, Empress of Ireland, Can. Pac., 3:30 p. m.

May 6.

Caronia, Cunard, Piers 54 and 56, North River.

Baltic, White Star, 11 a. m., Piers 60 and 61, North River.

Koenig Luise, No. Ger. Lloyd, 11 a. m., Hoboken Pier.

Finland, Red Star, 10 a. m., Pier 59, North River.

New York, Amer., 9:30 a. m., Pier 62, North River.

Cincinnati, Ham. Amer., 3 p. m., Hoboken Pier.

Fargessia, Anchor, 3 p. m., Pier 64, North River.

FROM PHILADELPHIA, Haverford, Amer., 10 a. m., Pier 54.

FROM MONTREAL, Dominion, White Star-Dom., daylight.

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Send flower orders for delivery in

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

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Filling Telegraph Orders.

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Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
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Denver, Colo.—The Park Floral Co.  
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**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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**The Cleveland Cut  
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Write your orders for designs and cut flowers to  
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FLORISTS

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A Specialty, 216 W. 4th St.

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Canada's best known and most reliable florist

Only  
the **Dunlop's**  
Best  
98 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rock mere, Marblehead, Mass. June 20-22, 1911.

J. C. VAUGHAN XXXXXX April 24.

GLADIOLUS trial plats are now being planted at Vaughan's Nurseries, West-ern Springs, Ill.

THE Braslan Seed Growers Co., San Jose, Calif., have appointed J. W. Edmundson general sales manager.

ALBERT Dickinson, of the Albert Dickinson Co., Chicago, and Miss Emma L. Benham were married at Waukegan, April 22.

THE trade is warned against a man named Reynolds who gives a Milwaukee address and has secured money from seedsmen on worthless checks.

CHICAGO.—Prices on the board of trade April 26 for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.

LOS ANGELES, CALIF.—John C. Bodger of the John Bodger & Sons Co., and Miss Bertha Emma Jones, daughter of Alfred W. and Mrs. Jones, were married April 19.

VISITED CHICAGO: Catesby Spears, representing E. E. Spears & Sons, Paris, Ky.; A. J. Brown, Grand Rapids, Mich.; Mr. Steele, of the Steele-Briggs Seed Co., Toronto, Ont., enroute to Winnipeg, Man.

NEW YORK.—The weather keeps cool and counter trade is away behind that of last year for the same period.—Arthur T. Boddington and wife have returned from Bermuda where they spent a brief vacation.—Visitor: Mr. Reck, of John Reck & Son, Bridgeport, Conn.

A. H. GOODWIN returned to Chicago April 24 from a four months' trip to Mediterranean regions. Wild boars and gazelles are frequent game animals in the North African districts which Mr. Goodwin visited, but he did not secure any specimens this trip; Spanish dancers in Tunis might well entertain the American seed trade. Mr. Goodwin found but one flower seller in those North African cities, though they are only 15 hours from Italian markets; he greatly enjoyed the scenery in Montenegro and Bosnia.

### New York Seed Bill.

Marshall H. Duryea advises us that the hearing on Assemblyman Gregg's Seed Bill, No. 834, at Albany April 19 was largely attended by the seed trade throughout the state. A protest against the bill was filed and the matter is now in the hands of the agricultural committee, whose decision is awaited with interest.

### National Council of Horticulture.

The fifth installment of the press service of the National Council of Horticulture is received and contains articles on "Cruelty to Trees," "Nasturtiums," "Pansies" and "Growing Geraniums." These articles are distributed gratuitously for publication to the press and can be obtained of James H. Burdett, secretary, 1620 West One Hundred and Fourth street, Chicago. Tradesmen should see that their local editors procure a copy and publish the same, for they are bound to produce an interest in the planting and care of garden, which will be of benefit to the trade.

### Bean Prices.

The bean market March 15 apparently had reached an exceptionally low stage, and as the buyers throughout the country had very short stocks, they started in to buy in a small way. The price on March 15 was \$1.77, Michigan, on March 18, \$1.80, March 28, \$1.85, while on April 3 it had reached \$1.95 to \$2.00. At the present moment the market is easier with further decline in sight, today's value being about \$1.93 to \$1.95, F. O. B. Michigan. The demand has been very light the past few days, there being practically no inquiry. However, the Michigan dealers are holding stock quite firm at this price.

### Bermuda Lilies.

Arthur T. Boddington, New York, who recently visited Bermuda, spent some time in looking over the lily fields and is of the opinion that Liliun Harrisii is coming back to its old form. The larger growers in Bermuda are paying stricter attention to the production of better grade bulbs and on the places of such men diseased stock and mixed types are the exception. Some of the smaller plantations, however, contain quite a percentage of mixed or undesirable stock but, as Mr. Boddington says, "If the good growers will only have a private brand and so mark every case of bulbs they ship, showing

absolutely that the bulbs contained in such cases are of their own growing, then the poorly grown bulbs would be driven out of existence so far as our markets here are concerned and Liliun Harrisii would again be a feature."

Mr. Boddington also learned that those who are producing the best bulbs and have studied conditions and methods thoroughly, are very particular in having the bulbs handled very carefully, either in harvesting, packing or at any other period while they are dormant. They say that rough handling causes sickly and otherwise unprofitable plants. There may be more in this than our growers and dealers realize and perhaps a little more care at this end would decrease the number of deformed and sickly plants that usually appear in every batch of forced lilies of whatever type.

### Business Conditions.

Washington, D. C.—F. W. Bolgiano & Co. write: "Trade has been very uneven, and while the aggregate is larger than in former years, the local trade has all come in bunches. The cold weather almost put a stop to counter trade, but shipping orders continued. Prices have been unsatisfactory and of some stocks there will be diminished plantings."

Rochester, N. Y.—James Vick's Sons advise us, "That the season as a whole, up to date, has been very good. The retail sales are not up to those of last year, but we attribute the falling off to cold weather. On the other hand our wholesale trade breaks all past high records for the months of February and March."

Cleveland, O.—A. C. Kendel informs us as follows: "Our counter trade has been nothing much to speak of on account of the bad weather. Our early orders have been up to the average in face of advances in price on many items and indications are that trade will at least equal last year's."

Bismark, N. D.—Oscar H. Will & Co. advise us that the trade this year has been the greatest on record, every month showing considerable increase over the corresponding month in other years, and February nearly double that of February, 1910.

Los Angeles, Calif.—Aggeler & Russer Seed Co., states: "The seed business has been decidedly better for the past three months than for the corresponding periods of the years 1909 and 1910. Weather conditions are fine and there is every indication of good crops."

New York.—J. M. Thorburn & Co. state that the present season does not seem to differ much from other years so far as they have noticed to date.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.



## Peas and Beans

We are Growers for the  
Wholesale Seed Trade.

When in the market  
ask us for prices.

Alfred J. Brown Seed Co.  
Grand Rapids, Mich.

# Now For Those Rush Orders

**F**LORISTS who want their orders filled accurately and quickly will make no mistake in sending to us. We are prepared to fill orders the day they arrive. We have just doubled our packing force—a change made necessary by the largest number of orders ever received. Here are some of the things you should not overlook in planning your spring planting.

## Aster Seed! Aster Seed! Aster Seed!

Sweet Peas, Dahlias, Gladioli, Lilies,  
Market Garden Strains of Vegetable and Flower Seeds,  
Hardy and Tender Plants, Potatoes, Small Fruits,  
Lawn Grass, Fertilizers, Insecticides and Sprayers.

Five minutes study of our wholesale catalogue will convince you that it is to your interest to send us your rush order. To insure its reaching the right department the minute it arrives, mark both your order and envelope "Wholesale Department, Rush." Mention this paper.

## JAMES VICK'S SONS, Rochester, N. Y.

### Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,  
PEDRICKTOWN, N. J.

Mention the American Florist when writing

### Florists and Seedsmen, Scratch or Poultry Food Sell Your Own

We will make it for you under your own brand for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N. J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."

J. BOIGIANO & SON, Importers and Wholesalers  
(Established for 92 years), Baltimore, Md.

Mention the American Florist when writing

### ROUTZAHN SEED CO.

Arroyo Grande, Cal.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

### FLOWER and GARDEN SEEDS

Mention the American Florist when writing

### S. M. Isbell & Co.,

Jackson, Mich.

### CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

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## SEVEN TOP TURNIP

Originally introduced by us from South Carolina in 1850 and annually grown for over sixty years under the zero winter temperature of Bloomsdale Farms, the Landreth's strain of Seven Top has obtained by this northern culture a hardness not approached by southern-grown seed. All indications would point that way, while thousands of experiments have conclusively proven it beyond a shadow of doubt: consequently one pound of Landreth's Seven Top will in the dead of winter produce more greens than can be cut from three times the more delicate southern-grown Seven Top.

Write us how much you want, and we will name you a price.

D. LANDRETH SEED COMPANY, Bloomsdale Farms, Bristol, Pa.



### H. WREDE, LUNEBURG, GERMANY PANSY SEED

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed... 25c  
1 oz. ...\$2.25

Price list on application. Cash with order  
Mention the American Florist when writing

### Telegraph Code

Am. Seed Trade Association

—\$2.00—

In either stiff or flexible cover. Address orders  
AMERICAN FLORIST CO., CHICAGO

### Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

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THE

### J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

Tell Them Where You Saw the Advertisement.



# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

## Summer-Flowering BULBS

### GLADIOLUS

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Mrs. Francis King, 2nd size | \$2 00  | \$18 00  |
| Write for samples.          |         |          |
| Mme. Monet                  | 2 25    | 20 00    |
| Florists' Mixture           | 2 25    | 15 00    |
| Extra Fine Mixed            | 2 00    | 18 00    |
| Seedling Mixture            | 1 50    | 12 00    |

### TUBEROUS BEGONIAS

|                          | Per 100 | Per 1000 |
|--------------------------|---------|----------|
| Single { Scarlet         | \$2 50  | \$25 00  |
| { White                  | 2 50    | 25 00    |
| { Pink                   | 2 50    | 25 00    |
| { Yellow                 | 2 50    | 25 00    |
| Doubles, colors as above | 4 50    |          |

### TUBEROSES

|                     | Per 1000 |
|---------------------|----------|
| Dwarf Pearl, med um | \$ 7 50  |
| 1st size            | 11 00    |

### LILY BULBS

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Lil. Auratum                |         | \$8 00   |
| 9 to 11 inches, 120 to case |         | \$8 00   |

### Lil. Rubrum

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| 9 to 11 inches, 120 to case | 8 00    |          |

### Lil. Album

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| 8 to 9 inches, 160 to case  | \$ 7 50 |          |
| 9 to 11 inches, 120 to case | 10 00   |          |

### LILY OF THE VALLEY

|        | Per 100 | Per 1000 |
|--------|---------|----------|
| Clumps | \$20 00 |          |

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.

## PANSY SEED

Matchless.....\$4 00 per oz.  
New Masterpiece.....3 00 per oz.  
A New Strain of Pansy, very dwarf, large bloom, showy in color. Trade price \$5.00; price per oz. on application. Seed raised by myself.

**J. SAMBRIDGE,**

Mandeville Road, Enfield Lock, Eng'land.

## SEEDS

OF ALL KINDS APPLY TO  
**W. W. JOHNSON & SON, Limited,**  
Boston, England.

## NOW IS THE TIME To Place That Order For CHRYSANTHEMUMS.

We have a large stock of the following commercial kinds in fine condition ready for immediate delivery:

Robt. Halliday, Pink Ivory, Clementine Touse, Clay Frick, Minnie Bailey, Yellow Jones, Gloria, Dr. Enguehard, Pacific Supreme, Col. D. Appleton; Mrs. Robinson, Major Bonnaffon, Mrs. Wm. Arnoldt, Mrs. Wm. Wincott, Polly Rose, Jeanne Nonin, Mlle. Margare, Desjouis, Golden Glow and Glory of Pacific. **\$3.00 per 100, \$25.00 per 1000.**

W. H. Chadwick, Yellow Oct. Frost, Intensity, Indiana, Patty, Yellow Ivory, Lynwood Hall, Nagoya, L'Africane, Dolly Dimple and Convention Hall. **\$4.00 per 100, \$35.00 per 1000.**

Golden Chadwick and Donatello. **\$5.00 per 100, \$45.00 per 1000.**

25 of a kind at 100 and 250 at 1000 rate.

Superb stock of all **Our Novelties** and the **Best Exhibition Kinds**, ready now in quantity. Price on application.

### ASTER SEEDS.

Smith's Peerless are without rival both in white and light pink. The best standard varieties in large and small quantities will be quoted upon application.

**ELMER D. SMITH & CO.,** Adrian, Mich.

## Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

### CARPINTERIA, CALIF.

Mention the American Florist when writing

ESTABLISHED IN 1894.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,  
37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4238 Gramercy.  
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## Sioux City Seed & Nursery Co. Sioux City, Iowa.

Contracting growers of **Peas, Beans** and famous **Sweet Corn**. Introducers of the **White Mexican Sweet Corn**.

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## GET QUOTATIONS FROM LANDRETH SEEDS which SUCCEED

Bloomdale Farm.  
**Bristol, Pa.**  
Mention the American Florist when writing

CANNAS.

B. Beauty, \$2 50; David Harum, \$2 00; Marlborough, Austria, America, Italia, Egandale, Pennsylvania, \$1 50 per 100.

Hydrangea P. G.

Per 100  
18 to 24 inches .....\$5 00  
2 to 3 feet..... 6 00  
3 feet..... 7 00  
Tree shaped, 3 to 3½ feet..... 8 00  
" 3 to 4 feet..... 10 00

J. H. Dann & Son., Westfield, N. Y.

Mention the American Florist when writing

Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

Lager & Hurrell, Summit, N. J.

Mention the American Florist when writing

ORCHIDS

We are one of the largest collectors and importers of Orchids, Investigate us.

CARILLO & BALDWIN, Mamaroneck, N. Y.

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ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

SANDER, St. Albans, Eng.

NEW YORK OFFICE: 258 Broadway, Room 721

T. MELLSTROM, Agent.

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GLADIOLUS

Cinnamon Vines, Madeira Vines,

Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

E. S. MILLER, Wading River, N. Y.

WATER LILIES

Plant now the hardy varieties: also Hardy Tea Roses, Hardy Perennials, Phlox Miss Lingard, fine stock, 75c per doz.; \$6.00 per 100. Clumps, \$2.00 and \$3.00 per doz.; \$15.00 and \$20.00 per 100. Papaver Orientalis, choice named varieties, \$8.00 and \$10.00 per 100.

William Tricker, Water Lily Specialist, Arlington, N. J.

Roses

See priced adv. page 697, April 22.

THE LEEDLE FLORAL COMPANY  
SPRINGFIELD-OHIO

Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½ inch pot plants ready in July, \$6.00 per 100; \$50.00 per 1000.

Katalog for the asking.



Skidelsky & Irwin Co.  
1215 Betz Bldg., Philadelphia, Pa.

A. N. PIERSON

INCORPORATED

Cromwell, Conn.

Now is the Time to Plant

ROSES

Has Your Order of Rose Stock Been Placed?

If not, it should be at once; and we are in the market to supply it. Remember that we are headquarters for Grafted Roses, and are especially strong on Standard Commercial Varieties.

We are ready to supply in quantity as well as quality:

Killarney, White Killarney,  
Richmond, My Maryland,  
Bride and Bridesmaid.

These varieties from 2¼-in. pots.

\$15.00 per 100, \$120.00 per 1000.

Special price on 5,000 or more plants.

The Newer Roses we have called to your attention before. We hope you saw them at The National Flower Show:

Double Pink Killarney, Prince de  
Bulgarie, Mrs. Aaron Ward,  
Dark Pink Killarney  
and Radiance.

Let us know your wants



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa. President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

THE Massachusetts State Board of Agriculture will hold on April 29 a demonstration of the best methods of planting, fertilizing and caring for asparagus at the experiment station of the Massachusetts Asparagus Growers' Association at Concord, Mass. C. W. Prescott, president of the association, will conduct the demonstration.

LANCASTER, O.—The boiler house and the ends of the eleven greenhouses belonging to M. M. Miesse were burned by a fire of unknown origin on the night of March 29, entailing a loss of \$4,000 or more. The watchman left everything in good shape at 10 o'clock but just before midnight the proprietor was awakened and upon looking out found the boiler house afire. Every effort was made to save all that was possible. The buildings will be rebuilt this summer.

THE home gardener, the market gardener and the truck farmer are more or less interested in the culture of the cabbage, and the Department of Agriculture has recently issued Bulletin No. 433 describing its cultivation under the different requirements of those three environments. A section is devoted to each of the three methods of producing the crop commercially—truck crop, market garden crop and farm crop—and the influence of climate, extent of production, soil fertilizer, and method of producing young plants, varieties, cultivation, enemies, harvesting, and marketing is described and explained under each head.

### Prices of Indoor Fruits and Vegetables.

New York, April 22.—Mushrooms, 60 cents per pound; cucumbers, 15 cents each; tomatoes, 25 cents per pound; grapes, \$1.25 to \$1.50 per pound.

Chicago, April 26.—Mushrooms, 30 cents per pound; cucumbers, \$1.75 to \$2 for two dozen; lettuce, 15 cents to 17½ cents per pound; radishes, 50 cents to 75 cents per dozen bunches.

### Screening Cabbage Seed Beds.

The cultivation of late cabbage is an important industry and one of the chief difficulties is the growing of seedlings. The New York Experiment Station has just issued a bulletin on "Observation on Screening Cabbage Seed Beds," which states that the trouble in raising seedlings is largely due to insects, though methods practised and unfavorable weather are contributory factors. The important insects attacking the seed bed are the turnip flea-beetle and the cabbage-maggot. The seed in the north is sown during the latter part of April or early in May, a week being required for germination and from five to ten weeks for the plants to make the desired growth. The work of transplanting to the field is performed during the latter part of June or the first week of

July. The turnip flea-beetle appears in great numbers about May 15 at about the time young cabbage seedlings are also making their appearance. In feeding, the beetles gnaw round holes which, in the cotyledon of the cabbage, are uniform in size and shape and reach only to the lower epidermis, and if the plant is attacked before the second and third leaves are started, it is stunted if not killed. The cabbage-maggot appears about May 15, and deposits its eggs, and upon hatching the larva attack either the stalk or root of the plant. The newly-hatched larva is less than one-twentieth of an inch long, and as the injury is at first slight, the grower is not aware of the presence of the maggots until many plants are killed. During cloudy and rainy weather the injury is not so apparent, but under a hot sun is plainly indicated by the general wilting and dying.

By the screening of the seed beds with frames of cheesecloth the injuries by the maggot can be entirely prevented, the work of the flea-beetles may be partially or wholly avoided, depending upon the grade of cloth used for the screen, and the screen conserves the moisture and prevents baking of the soil between seeding time and the period when the plants are of such size as to permit cultivation. It is found that the cloth having about 20 to 30 threads to the inch is to be preferred for the purpose, as this grade handles easy in putting on the frame, prevents attacks of flea-beetles, and plants grown under such screens compare favorably in stockiness with those

grown in the open bed. Plants raised under cloth grow faster during most seasons, and attain the size desired for transplanting about 10 days or two weeks sooner than plants grown in open beds. The extra cost of screening, in ten different experiments, ranged from six to twenty cents per thousand plants. The plants grown under screens have good roots and start quickly when transplanted, and although more tender, experience has shown that by removing the cover a week or ten days before planting, the seedlings become sufficiently hardened so that there is very little difference in the growth of the sets in the field.

Six-inch boards will serve for the frame and the cloth should not sag and rest on the plants; this may be prevented by stretching lengths of wire not more than four or five feet apart from end to end of the bed. The wire can be supported on stakes to which it is held by staples. It is preferable to use galvanized wire, for rusty wire wears holes in the cloth at the point of contact. All openings under the frame, due to unevenness of the soil, should be filled by banking the earth against the boards.



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### Pure Culture Mushroom Spaw

Substitution of cheaper grades is as easily exposed. Fresh sample pack with illustrated book, mailed stipled by manufacturers upon receipt of 40 cents in postage. Address

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Mention the American Florist when writing

## Every Seedsman

Interested in CABBAGE, CAULIFLOWER, or ROOT SEEDS of high grade quality, should ask my contract prices before placing his order. Tell me which sorts you use and I will send you my prices and conditions.

Largest Seed Grower  
in Scandinavia.  
(Established 1856.)

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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all  
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettucens, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES**, (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼-oz., 75c per 1-16 oz. postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

## WILDPRET BROS.

LARGE GROWERS AND EXPORTERS OF

## BERMUDA ONION SEEDS

Highest Germination, Moderate Prices, Early Delivery  
Let us book your order at once to secure a full supply.

Port Orotava, Teneriffe, Canary Islands.



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# BOXWOODS

We have an exceptionally fine stock in the following sizes:

## OBELISK.

5 feet high, 18 inch bottom measure.....\$12.00 each

## Globe Shaped.

|                                              |             |
|----------------------------------------------|-------------|
| 15 to 18-inch top, 15 to 18 inches high..... | Each \$4.00 |
| 22 to 24-inch top, 24 inches high.....       | 7.00        |

## Standard.

|                          |        |
|--------------------------|--------|
| 12-inch crown.....       | \$1.50 |
| 15 to 18-inch crown..... | 2.50   |
| 18 to 21-inch crown..... | 3.00   |
| 21 to 24-inch crown..... | 4.00   |
| 24 to 27-inch crown..... | 6.00   |

## Pyramids.

|                                                              |        |
|--------------------------------------------------------------|--------|
| Each                                                         | Each   |
| 2½ to 3 feet high.....                                       | \$2.50 |
| 3 to 3½ feet high.....                                       | 3.00   |
| 3½ to 4 feet high.....                                       | 4.00   |
| 4 to 5 feet high.....                                        | 5.00   |
| 4 to 5 feet high, strong, bottom measure 24 to 30 inches.... | 6.00   |
| 5½ feet high.....                                            | 8.00   |
| 6 feet high.....                                             | 9.00   |

## Bush Shaped.

|                           |        |                                           |        |
|---------------------------|--------|-------------------------------------------|--------|
| 12 to 18 inches high..... | \$ .35 | 24 to 30 inch high.....                   | \$1.00 |
| 18 to 24 inches high..... | .50    | 24 to 30 ins. high, 18-12 ins. across top | 2 00   |



# The Geo. Wittbold Co., 739 Buckingham Pl., Chicago.

## A GRAND NEW CARNATION

# Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5,000, \$400.00. 25 at 100, 250 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin  
Mention the American Florist when writing

# 200,000 Canna Roots

As good as can be grown. Our stock is large, and to move a large quantity at once we will offer a big reduction on the regular price. We grow 120 varieties. Don't fail to get our started plant proposition. Send for price list of *Cannas*, *Caladiums* and *Xanthosomas*, the new flowering *Caladiums*, they will be money-makers.

## CLEAR VIEW GARDENS,

THE CUMMINGS CO., Inc., successors to  
The Frank Cummings Plant and Bulb Co.,  
MERIDIAN, MISS.  
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# ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.  
Mention the American Florist when writing

# ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2¼-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chatenay, Golden Gate,

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2¼-inch pots.

Send for circular.

## J. L. DILLON, Bloomsburg, Pa.

# Geo. A. Kuhl ROSES

WHOLESALE AND RETAIL  
FLORIST,

PEKIN, ILL.

# SPIREAS

Fine Forcing Clumps

Gladstone.....\$9.00 per 100

VAUGHAN'S SEED STORE  
CHICAGO NEW YORK

|                                                                       | 100    | 2¼-in. 1000 |
|-----------------------------------------------------------------------|--------|-------------|
| Pink Killarney.....                                                   | \$6.00 | \$55.00     |
| White Killarney.....                                                  | 6.00   | 55.00       |
| Maryland.....                                                         | 5.60   | 50.00       |
| Richmond.....                                                         | 6.00   | 45.00       |
| Perles, Ready April 1.....                                            | 5.60   | 50.00       |
| Richmond, Now ready                                                   |        |             |
| 3½-inch.....                                                          | 8.00   | 85.00       |
| Cut back benched Pink Killarney, \$80.00 per 1000; good strong stock. |        |             |

POEHLMANN BROS. CO.,  
Morton Grove, Ill.

# Start Your Season's Business Right

by advertising now in this journal. Don't delay. The best orders are placed early with advertisers in the

## AMERICAN FLORIST



## The Nursery Trade

### American Association of Nurserymen

W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shenandoah, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

VISITED CHICAGO: W. Van Kleef, Jr., representing W. Van Kleef & Sons, Boskoop, Holland, on his annual tour. Mr. Van Kleef reports business good and says nursery stocks in general in his line promise well.

### Augusta, Ga.

February was extremely warm hence the nursery season was cut short. It was all that could be done to handle the orders on hand and as they came in, everything was pretty well cleared up, and there was no surplus stock left.

We are now having fine growing weather after one of the most severe drouths ever experienced in February and March in this section. Last week we had a series of showers for five days. All spring planting will be completed this week. Notwithstanding the drouth in February and March, there are thousands of peach buds two to three feet in height. The peach crop in Georgia this year as estimated, will not be more than 1,200 cars.

L. A. B.

### American Association of Nurserymen.

F. A. Weber, chairman of the St. Louis convention entertainment committee, advises us that during the meeting, June 14-16, entertainment will be provided for the ladies in good measure with a few good things for the men, about as follows:

First afternoon—A visit to the Missouri Botanical Gardens—for members and ladies. The evening will be reserved for Protective Association meetings or other business of the association.

Second afternoon and evening—Seeing St. Louis, either in special cars or automobiles, taking in residence sections, parks, etc., Shaw banquet for members attending the convention, ladies' theatre party at one of the popular summer gardens.

Third afternoon—A boat ride on the beautiful Mississippi river, with music, luncheon and refreshments; returning to St. Louis in time for outgoing trains.

### Grape Insects.

Although the acreage of the grape industry in the western counties of New York state has greatly increased, almost doubled since 1900, yet the yield has steadily declined, and to ascertain the causes the New York Agricultural Experiment Station has, since June, 1910, been conducting experiments in that section, and have issued a preliminary report of the work on grape insects, which includes the grape flea-beetle, the grape-blossom midge, the rose-chaffer, the grape root-worm, and the grape leaf-hopper.

The grape flea-beetle is a small steel-blue beetle which feeds on the swelling buds during April. The larvæ hatch in July and feed on the foliage, and the adult beetles feed on the foliage later in the fall. The most effective spray-

ing mixture is composed of eight pounds of arsenate of lead, three gallons of glucose, and 100 gallons of water applied in the spring when the beetles are feeding on the vines, and the use of the same spray will kill the larvæ if applied the first part of July.

The grape-blossom midge works in the larvæ stage on the pistil of the blossom bud, preventing the development of the bud so that they do not produce any fruit. The use of a nicotine preparation as a spray was found to diminish the number of eggs laid.

The rose-chaffer is a serious enemy of the grape when it is numerous, the beetles feed on the blossoms and destroy the entire crop. The adults emerge from the soil about June 20, when the Concord grapes are beginning to bloom. Various insecticides were used and a mixture consisting of 10 pounds of arsenate of lead, 25 pounds of glucose and 100 gallons of water was found to be very effective in killing the insects. The net gain per acre over the unsprayed grapes was \$61.84. Experiments proved that the numbers of the rose-chaffer could be materially reduced by cultivating the soil during May, when the insects are in the pupal stage.

The grape root-worm is the most serious insect pest of grape in the district. The larvæ feed on roots of the vine during late summer and fall. The adults appear late in June and early in July, and feed on the foliage. The most efficient method of controlling these insects is to spray the vines with arsenical poison, preferably arsenate of lead combined with bordeaux mixture, when the beetles are feeding. One gallon of molasses, six pounds of arsenate of lead and 100 gallons of water is a very effective treatment.

The experiments with the grape leaf-hopper have shown that the nymph are very easily killed by the use of a nicotine preparation. Lime-sulphur solution as dilute, as one gallon to 100 gallons of water, proved very effective against the leaf-hopper nymphs, but it caused much injury to the grape foliage and fruit, the growth of the berries being stopped, and they never ripened.

BRIDGEPORT, CONN.—A meeting of the creditors of the Fernwood Nursery will be held in this city, room 715, Security building, 1115 Main street, May 5 at 2 p. m.

## CLOSING - OUT SALE OF Ornamental Nursery Stock

Of the late Samuel C. Moon's "Morrisville Nursery"

Priced Inventory Catalogue now ready.

ADDRESS

### "MORRISVILLE NURSERIES"

WM. H. McCLOSSY, Former Supt., Agent.

MORRISVILLE, PA.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

### ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

Mention the American Florist when writing

## Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

Mention the American Florist when writing

## Alternantheras.....

Strong, well rooted cuttings; the kind that will please you.  
P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

KANSAS CITY, MO.—The pupils of the Rosedale schools planted 1,000 rose bushes in addition to a large number of catalpa trees on Arbor Day.

BEAUMONT, TEX.—The park board distributed 2,500 trees to the citizens this spring, with the idea of making the city more beautiful. But two trees would be given to each applicant.

# W. Van Kleeef & Sons,

## Wholesale Growers of Nursery Stock

## Boskoop, Holland.

Beg to announce that their Mr. W. Van Kleeef, Jr., is again in America calling on the trade. Please ask our prices before placing your esteemed Import Orders elsewhere; they will certainly interest you.

Address all Correspondence until June 1st

Care **MALTUS & WARE**, 14 Stone Street, NEW YORK

CATALOGUES FREE FOR THE ASKING.

## BUY NOW

### Extra Fine Stock

#### AMPELOPSIS VEITCHII

|                         | Each   | Doz.   | 100     |
|-------------------------|--------|--------|---------|
| 2-year-old plants ..... | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants ..... | 20     | 2 00   | 15 00   |

#### AMPELOPSIS ENGEL-MANI

|                         | Each   | Doz.   | 100     |
|-------------------------|--------|--------|---------|
| 3-year old plants ..... | \$0 25 | \$2 40 | \$15 00 |
| 4-year old plants ..... | 30     | 3 00   | 20 00   |

#### CLEMATIS—Large Flowering

|            | Each   | Doz.        | 100              |
|------------|--------|-------------|------------------|
| 2 yr. .... | \$0 30 | doz. \$3 00 | per 100, \$20 00 |
| 3 yr. .... | 40     | doz. 3 60   | per 100, 28 00   |

Beauty of Worcester. Miss Bateman.  
Gypsy Queen. Nellie Moser.  
Henryii. Sieboldi.  
Jackmanni. Ville de Lyon.  
Mme. Baron Veillard.

#### CLEMATIS PANICULATA

|                                 | Each   | Doz.   | 100     |
|---------------------------------|--------|--------|---------|
| Seedlings from flats .....      | \$0 50 | \$2 50 | \$20 00 |
| 1 yr. old from 2 in. pots ..... | 60     | 6 00   | 4 00    |
| 2 yr. old clumps .....          | \$0 15 | 1 50   | 10 00   |
| 3 yr. old clumps .....          | 20     | 2 00   | 15 00   |
| 4 yr. old clumps .....          | 35     | 3 60   | 25 00   |

#### ROSES—Field-Grown Stock

Each, 20c; dozen, \$1.75; per 100, \$14.00

Crimson Baby Rambler. Maxma Charta.  
Fisher Holmes. M. P. Wilder.  
General Jack. Ulrich Brunner.  
John Hopper.

Each, 25c; dozen, \$2.00; per 100, \$15.00.

American Beauty. Paul Neyron.  
Crimson Rambler. Philadelphia Rambler.  
Dorothy Perkins. Rugosa Alba.  
Farben Konigen. Rugosa Rubra.  
La France.

|                              | Each   | Doz.   | Per 100 |
|------------------------------|--------|--------|---------|
| American Pillar .....        | \$0 35 | \$3 50 | \$34 00 |
| Baby Rambler, 2 yr. ....     | 2 00   | 2 00   | 14 00   |
| 3 yr. ....                   | 2 80   | 2 80   | 16 00   |
| Blue Rambler .....           | 35     | 3 50   | 27 50   |
| Climbing Baby Rambler .....  | 75     | 8 00   | 15 00   |
| Crimson Rambler, 2 yr. ....  | 2 00   | 2 00   | 15 00   |
| 3 yr. ....                   | 2 50   | 2 50   | 18 00   |
| Dorothy Perkins .....        | 25     | 2 00   | 15 00   |
| Blewatha .....               | 50     | 3 00   | 20 00   |
| Jessie .....                 | 50     | 5 50   | 40 00   |
| Walslein Aug. Victoria ..... | 2 50   | 2 50   | 18 00   |
| Killarney .....              | 2 50   | 2 50   | 18 00   |
| Lady Gay .....               | 25     | 2 20   | 20 00   |
| Lyon .....                   | 50     | 5 50   | 40 00   |
| Phyllis .....                | 35     | 3 00   | 22 00   |
| Soleil d'Or .....            | 2 50   | 2 50   | 20 00   |
| Tausendschon .....           | 3 00   | 3 00   | 20 00   |
| Velchenblau .....            | 35     | 3 50   | 27 50   |
| White Dorothy Perkins .....  | 25     | 2 50   | 20 00   |

Unless noted, all the above varieties

are 2 year dormant stock, budded.

On all orders for Dormant Roses and

Vines, packing will be charged at cost.

Ask for Our Spring Book for Florists

## Vaughan's Seed Store

31 W. Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK.

Greenhouses, Nurseries and Trial Grounds:  
Western Springs, Ill.

WAMPUM, PA.—J. S. Hennon & Son  
opened a flower store at New Castle,  
April 1. A fine Easter business was  
enjoyed both here and at the new  
store.

## Seasonable Stock

### FOR FLORISTS

#### Roses

Crimson Rambler, Dorothy Perkins, Lady  
Gay, Philadelphia, Hiawatha Trier, fine  
forcing grade. .... \$12.00 per 100

Baby Rambler, crimson and white 15.00 per 100

Frau Karl Druschki Gruss an Teplitz, La  
France, Alfred Colomb, Gen Jacqueminot,  
Maxma Charta, Margaret Dickson, Marshall  
P. Wilder, Paul Neyron, Persian Yellow, for  
potting. .... \$12.00 per 100

Standard Roses, fine assortment. \$35.00 per 100

Half-Standard Roses, Baby Rambler and  
Mrs. Cutbush. .... \$35.00 per 100

#### California Privet

Two years, transplanted bushy.  
3 to 4 feet. .... \$30.00 per 1000  
2 to 3 feet. .... 25.00 per 1000  
18 to 24 inches. .... 20.00 per 1000  
12 to 18 inches. .... 17.50 per 1000

#### Tree Hydrangeas, Tree Altheas, Tree Lilacs

4 to 5 feet, fine well branched tops on straight  
stems, named varieties. .... \$25.00 per 100

#### Berberis Thunbergii.

2 to 3 feet, bushy. .... \$12.00 per 100

### And Lots of Other Attractive Offers

in our new price list. Send for copy.

And use printed letterhead, please, as we sell to the trade only.

## JACKSON & PERKINS CO.

NEWARK, Wayne County, NEW YORK

Mention the American Florist when writing

## Seasonable Stock

Rhododendrons, best named varieties, 18 24  
in., \$75.00; 24-30 in., \$100.00 per 100.

Nephrolepis Bostoniensis, fine 2½-in. stock.  
\$4.00 per 100.

Nephrolepis Scottii, strong 4-in. \$25.00 per 100.

Primula Kewensis, 3-in., \$5.00 per 100.

Moonflower, Ipomea Grandiflora, \$3.00 per  
100.

Anthericum Variegatum, 2½-in., \$3.00 per 100.

Dracena Indivisa, fine 2½-in., for growing on.  
\$3.00 per 100.

Hydrangeas, Paniculata Grandiflora, tree  
orm. 4 to 5 ft. high \$20.00 per 100.

Tree Rose<sup>®</sup> strong bodied, 4 to 5 ft. \$35.00  
per 100.

Violet, Swanley White 3.00 per 100.

Holt's Hardy Sage, \$3.00 per 100.

Hardy Chrysanthemums, old fashioned.  
pink, white, red and yellow, \$3.00 per 100.

Galliarda Grandiflora, 1-year pot plants,  
\$4.00 per 100.

Poppy Oriental, 1-year pot plants, \$5.00 per  
100.

Send for Catalog No. 5 if you have not received it.

**THE STORRS & HARRISON CO., Painesville, O.**

## Verbenas! Verbenas!!

### Verbenas!

The Gem Bedding Plant.

Send for circular.

## J. L. Dillon

Bloomsburg, Pa.

## Moonvines

Ipomea Noctiflora, our so well known  
pure white, waxy Moonvine, bearing  
flowers very fragrant and as big as  
a saucer, 2½-in. pots, will make good stock  
for you to propagate from, \$5.00 per 100.

## Godfrey Aschmann

Wholesale Grower and Importer  
of Potted Plants.

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing



## THE BOOK OF GLADIOLUS

The first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25.

AMERICAN FLORIST CO.,

440 So. Dearborn St.,

CHICAGO.

MANKATO, MINN.—The report from H. Neilson is that the total sales in money were about 10 per cent greater than last year with the prices about the same. The supply of both plants and cut flowers was about equal to the demand. Plants all sold well, but the greatest call was for lilies, they being sold out long before the others. Carnations, cut lilies and daffodils were the cut flowers most desired, single tulips being the least salable.

BENNINGTON, VT.—A good increase over last year, at least 50 per cent better, writes L. C. Holton. Prices ranged a little lower than at the season a year ago and the supply of both plants and cut flowers was equal to the demand. Every one wanted Easter lilies there being no particular call for other potted plants, it was the largest demand for lilies in pots in the history of our business career of 20 years. Roses, carnations and violets were the favorites in the cut flowers.

ROCHESTER, N. Y.—The Easter trade for 1910 was greater than the previous year by 10 per cent, is the report of John B. Keller's Sons. Prices were about the same as last year, the supply of plants was adequate to meet the demand, and flowers were very much in oversupply. All kinds of flowering plants sold well, there did not seem to be any particular call for any one variety of plant. Sweet peas and violets were the favorite cut flowers and were most in demand, but all flowers had good sale.

NORWALK, CONN.—The Easter business this year, states R. G. Hanford, was greater than last, perhaps by 15 per cent. Prices were about the same as a year ago, and there was a good supply of both plants and flowers, enough to meet the demand. There was a much increased call for a better class of plants, azaleas being in great demand, while smaller plants, such as hyacinths, were passed by. Cut flowers all sold well, carnations, violets, bulbous flowers, lilies and roses all had a good sale.

## Florists, Seedsmen,

**Dahlias** are now the popular flower. Peacock's Dahlias are the "Quality Dahlias That Bloom." The best that can be grown. We know it. After a trial you will know it.

**Special Trial Offer** For \$1.00 we will send by return mail, postpaid, 12 new and best Dahlias, each labeled, value \$2.30; also beautiful Dahlia post-cards and our special offers in Dahlia collections, neatly boxed. Just the thing for counter or other trade. Great value and satisfaction for your customers and profit for you.

Our new illustrated catalogue, the leading American Dahlia Catalogue, free. Write today.

**Peacock Dahlia Farms, Williamstown Junction, N. J.**  
Post Office: Berlin, N. J.

Mention the American Florist when writing

## Geraniums

Rooted cuttings all summer, fine stock, ready now.

S. A. Nutt. . . . \$10.00 per 1000

Ricard and Poltevine. . . 10 00 per 1000

## Coleus

Golden Bedder, Verschaffeltii and Standard Mixed. . \$ 6.00 per 1000

Giant leaved . . . . . 1.00 per 100

## Carnations

Enchantress Lawson - Enchantress, Victory, Scarlet Glow, Admiration, D. Gordon and others at late delivery prices.

Plumous, 3 in. Sprenger, 4 in. \$5.00 per 100.

## Lime

An extra fine grade for florists' use at \$4.00 per one-half ton. Cash with order.

**ALBERT M. HERR**  
LANCASTER, PA.

Mention the American Florist when writing

## CYCLAMEN

2½-in. pots \$5.00 per 100; 3-in. pots \$8.00; 4-in. pots in bud and bloom, fine plants, \$10.00 per 100.

Poinsettias, strong, healthy stock plants, \$6.00 per 100.

**THE LEEDHAM BULB CO.,**  
SANTA CRUZ, CALIF.

Mention the American Florist when writing

## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.  
Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft ..... 65c 3 to 3½ ft ..... \$1.00  
3½ to 3 ft ..... 75c 3½ to 4 ft. .... 1.25

KENTIA NURSERIES, Santa Barbara, Calif.

## Ferns for Dishes

Per 100 Per 1000  
2½-in. . . . . \$3.50 \$30.00  
500 at 1000 rates. Cash with order.

**FRANK OECHSLIN,**  
4911 Quincey St., CHICAGO

**Araucaria Excelsa**, 5-in. pots, 3-4 tiers, 50c; 6-in. pots, 75c.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.; 1 year-old plants, \$2.00 per doz.

**Clematis Paniculata**, strong 2-year-old, \$10.00 per 100; 1 year-old, \$5.00 per 100.

**Asparagus Sprenger**, strong, 3-in. pots, \$4.00 per 100; 2½-in. pots, \$2.50 per 100; 2-in. pots, \$2.00 per 100.

**Dracena Indivisa**, 4-in. pots, 10c; 5-in. pots, 20c; 6-in. pots, 30c each.

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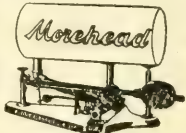
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Bay trees. Bobbink & Atkins, Rutherford, N. J.

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Bedding stock, 3-in. pots, \$4 per 100; English ivy, Passiflora, clematis and Pfordtli, Lemon verbenas, moonvine, fuchsias, echeveria glauca, Salvia Boutre and Zurich, Mrs. Parker geranium, Swainsona alba. Stock from 2½-in., \$2.50 per 100; German ivy, cupheas, fuchsias, Var. Vinca, lobelias, ageratum, clematis paniculata Var. Chis plant, Abutilon Savitzki, Nutmeg and rose geraniums, verbenas, stevias, snapdragons. Plants from 2½-in., \$3 per 100; Moonvine, Lemon Verbenas, C. Eisele, 11th and Westmoreland, Philadelphia.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new), \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonia luminosa, pink and red, 2½-in., \$2.50 per 100; 3-in. pots, \$4 per 100. Cash with order or satisfactory reference. John Boehner, 18 Obell Ct., Dayton, O.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

Flowering begonias, 2½-in., 3c; 3-in., 5c. Mosbach Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Boxwood. For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Palmerville, O.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 757 Buckingham Place, Chicago.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000. double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47 per 1,000. Potted, F. Eise, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Caldiums, 5-7, 35c per doz.; \$2 per 100; 7-9, 60c per doz.; \$4 per 100; 9-11, \$1 per doz.; \$6.50 per 100; 11-14, \$1.65 per doz.; \$12 per 100. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, W. J. Eldering & Son, Overeen, Haarlem, Holland.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CANNAS.

Cannas, 3-in., Alp. Bouvier, Buttercup, F. Vaughan, Eganadale, J. D. Eisele, Jean Tissot, Louisiana, Mine, Crozy, Penn. Pres. Myers, Queen Charlotte, Richard Wallace, \$5 per 100; \$25 per 1,000. King Humbert, \$5 per 100; \$40 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, B. Beauty, \$2.50; D. Harum, \$2. Marlborough, Austria, America, Italia, Eganadale, Penn., \$1.50 per 100. J. H. Dann & Son, Westfield, N. Y.

CANNAS, 4-in., strong plants, Henderson, Peary, Austria, Wyoming, Chicago, Eganadale, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. Nell's 20th Century red, \$5 per 100. Strictly cash. Nell National Floral Co., Bellevue, Pa.

Cannas, 10 vars., \$4 per 100. King Humbert, 3½-in., \$6. Jos. H. Cunningham, Delaware, O.

Canna King Humbert, 3½-in., \$8 per 100. Harry Hehl, West Toledo, O.

Cannas. The Cummings Co., Inc., Meridian, Miss.

## CARNATIONS.

### ROOTED CARNATION CUTTINGS.

|                         | Per 100 Per 1,000 |
|-------------------------|-------------------|
| Washington .....        | \$10.00 \$75.00   |
| Sangamo .....           | 6.00 50.00        |
| Mary Tolman .....       | 6.00 50.00        |
| May Day .....           | 3.00 25.00        |
| White Enchantress ..... | 3.00 25.00        |
| White Perfection .....  | 2.50 20.00        |
| Enchantress .....       | 2.50 20.00        |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

### ROOTED CARNATION CUTTINGS.

|                                        | Per 100 Per 1,000 |
|----------------------------------------|-------------------|
| March 15 Delivery .....                | 100 1,000         |
| Washington, cerise, a sport from ..... | 100 1,000         |
| Enchantress .....                      | \$10.00 \$75.00   |
| Sangamo, brilliant flesh .....         | 6.00 50.00        |
| Mary Tolman, deep flesh .....          | 6.00 50.00        |
| May Day, flesh pink .....              | 3.00 25.00        |
| White Enchantress .....                | 3.00 25.00        |
| Alvina, cerise .....                   | 3.00 25.00        |
| White Enchantress .....                | 3.00 25.00        |

CHICAGO CARNATION CO., 30 E. Randolph St., Chicago.

Carnations, Dorothy Gordon, plants from 2½-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C. \$2 per 100. Elbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2½-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland, Philadelphia, Pa.

Carnations, from 2-in. pots, White Wonder, Gloriosa, \$12 per 100; \$100 per 1,000. Scarlet Glow, \$6 per 100; \$50 per 1,000. F. Dornier & Sons Co., La Fayette, Ind.

Carnations, Dorothy Gordon, 2½-in., \$6 per 100; R. C. \$5 per 100. Enchantress, W. Enchantress, Lady Bonifant, Elbon, \$2 per 100. C. Eisele, 11th and Westmoreland, Philadelphia.

Carnations, Winsor, Lawson, Enchantress, 5,000 each, \$25 per 1,000, from black soil. August Erickson, 3437 Foster Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations, Enchantress, Lawson-Enchantress, Victory, Scarlet Glow, Admiration, D. Gordon, etc. A. M. Herr, Lancaster, Pa.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties, Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations, Wood Bros., Fishkill, N. Y.

## HARDY CARNATIONS.

"The hardy ever-blooming CARNATION 'CRIMSON KING.' Everybody has asked for a carnation that would live out in the garden during the winter. We have pleasure in offering this new plant, as it will fill the bill. It is absolutely hardy, standing even the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By putting up in the fall you can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give as much satisfaction as the Hardy CARNATION 'CRIMSON KING.' Per dozen, \$1.25; per 100, \$8; per 1,000, \$75; 25 plants sold at 10¢ rates; 250 plants at 1¢ per 1,000 rates. Write for catalogue of everything you need now ready, mailed on application. Write today. THE GOOD & REESE Co., The Largest Rose Growers in the World, Springfield, Ohio.

## CHRYSAANTHEMUMS.

Chrysanthemums, strong, rooted cuttings, Mrs. Robinson, C. Tousey, Col. Appleton, V. Morel, Robt. Halliday, Colman Glow, Estelle, Pacific, Ivory, Garza, M. Wamaker, Astoria, Fidelity and baby yellow pompon, \$1.75 per 100; \$15 per 1,000. Cash with order. FRANK BEU, 4435 N. 40th Ave., Chicago.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Glory of Pacific, 2 1/2-in. 2c; Dr. Enguehard, 3-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

Chrysanthemums, novelties and standard varieties, Chas. H. Totty, Madison, N. J.

Hardy chrysanthemums, all colors, \$5 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis Panicleata Grandiflora, strong one-year field-grown, \$6.50 per 100; \$60 per 1,000. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE Co., The Largest Rose Growers in the World, Springfield, Ohio.

10,000 Clematis paniculata seedlings (1 grow my own seed), \$1.00 per 1,000. Clematis paniculata, out of 2-in. pots, \$20 per 1,000. Cash with order, S. V. Smith, 3223 Goodman St., Philadelphia, Pa.

Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Eisele, Philadelphia.

Clematis paniculata, \$10 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COBEAS,

Cobea Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus. We have 6 to 10 varieties in sand and 2 1/2-in. pots, ready to go out any time. Let us know how many you want from 100 to 10,000. Also valid on application. Write today. R. C., 75c per 100; \$6 per 1,000. Geo. A. Kuhl, Fishkill, N. Y.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus, Golden Buzzer, Verschaffelti and others, \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Coleus Verschaffelti, 3-in., \$4 per 100. Pfister, yellow, 4-in., \$4 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, G. Belder, Verschaffelti and Standard mixed, \$6 per 1,000. Giant leaved, \$1 per 100. A. M. Herr, Lancaster, Pa.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

## CROTONS.

Crotons, 3-in., 75c each, \$9 per doz.; 6-in., \$1 each, \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Rehrs Company, Rutherford, N. J.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$5; 4-in., \$10. The Leadham Bulb Co., Santa Cruz, Calif.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamen, 2 1/2-in., \$3 per 100; 3-in., \$7 per 100. Seranton Florist Supply Co., Seranton, Pa.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

Dahlias, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlias, hollyhocks, hardy plants, etc., prices reasonable. W. W. Munroe, Box 1282, Denver, Colo.

45,000 gold-wood clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlias, field-grown divided clumps, Nymphaea, \$3 per 100. Luther Maynard, R. 13, Knoxville, Tenn.

Dahlias, \$1 special offer by mail, postpaid, 12 new and best. Peacock Dahlia Farms, Williamstown, N. J. Postoffice, Berlin, N. J.

## DAISIES.

Daisies. We have a large lot of marguerites, Queen Alex, and yellow daisies, as well as some English and Bellis daisies. Four or three in 2 1/2 to 4-in. pots. Get these for they are in fine shape for Decoration Day. Geo. A. Kuhl, Pekin, Ill.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Shasta daisy Alaska, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

## DECORATION DAY.

You will have calls for all kinds of plants for Decoration Day. Be sure to write us for what you want. Geo. A. Kuhl, Pekin, Ill.

## DRACENAS.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. Dracena indivisa, 5-in., \$3 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., ready for shift, \$10 per 100. Fine stock, Chas. McDonald & Steele, Crawfordville, Ind.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena Indivisa, 5-in., \$20 per 100. Harry Heintz, Toledo, O.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena Indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia.

Dracena Indivisa, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

## FERNS.

Ferns. Fine stock from 2 1/2-inch pots read now. Neurospora Roosevelt (The Fountain Fern), NEW. See display advertisement, March 25th issue, page 428, of American Florist. The grandest of all ferns. We book your order now for June 1st delivery, \$3.50 per dozen; \$25 per 100; \$200 per 1,000. Neurospora Bostoniensis (The Boston Fern), \$3.50 per 100; \$30 per 1,000. Neurospora Davallifoliae Furcans (The Fish Tail fern), \$4 per 100. Neurospora Goodii (The Baby's Breath fern), an improved Amorphophall, \$1 per doz.; \$7 per 100. Neurospora Newboldii (The Newbold Fern), \$4 per 100. Neurospora Springfieldii (The Springfield fern), upright fern for vases, \$3.50 per 100; \$25 per 1,000. Neurospora Superbissima (The Fluffy Ruffles fern), NEW, \$1 per doz.; \$6 per 100. Neurospora Whitmanii (The Ostrich fern), \$3.50 per 100. Neurospora Harrisonii (The Harris fern) a sport from Boston of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE Co., The Largest Rose Growers in the World, Springfield, Ohio.

Ferns, Boston and Scottii, 2 1/2-in., 4c; Scottii, Piersoni, Boston, 3-in., 8c; Elegantisima, and Whitmanii, 2 1/2-in., 5c; 3-in., 10c. Boston, 10-in., \$1, 12-in., \$1.50. Mosbek Greenhouse Co., Onarga, Ill.

BOSTON FERNS, 2-in., \$3 per 100; \$30 per 1,000; 3-in., \$5 per 100; \$60 per 1,000; 5-in., \$10 per 100; \$100 per 1,000; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1.00 rate. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Boston, 2 1/2-in., \$4 per 100. Scottii, 4-in., \$25 per 100. Storrs & Harrison Co., Painesville, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page, Vaughan's Seed Store, Chicago and New York.

Ferns, Whitmanii, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns, Boston, Elegantisima, 4-in., fine stock, \$12 per 100; 2 1/2-in., \$2.25 per 100; \$20 per 1,000. Wagner Plant Conservatories, Sidney, O.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000; 500 at 1.00 rate. Frank Oechsli, 3011 Quaker St., Chicago.

Ferns. For varieties and prices see advertisement on last cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Neph. Glatrasii, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatras, 463 Summit Ave., West Hoboken, N. J.

Ferns, Boston and Whitmanii, 2 1/2-in. and up to 10-in. Write us. Geo. A. Kuhl, Pekin, Ill.

Ferns, Bobbink & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew, Little Gem, the best, \$1.25 per 100; \$10 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Feverfew, large double white, R. C. \$1 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew, 4-in. plants at \$10; 5-in. in full bloom at \$20. Geo. A. Kuhl, Pekin, Ill.

Feverfew, double white, 2 1/2-in., 2 1/2c. Mosbek Greenhouse Co., Onarga, Ill.

## GERANIUMS.

Geraniums, Anna Segalas, Berthe de Prestilly, Col. Thomas, E. H. Frago, Fleuve Blanc, Jean Oberle, Jules Vasseur, La Favorite, Le Cid, Leon Baudrier, Madonna, Marq. de Castellane, Miss Kendall, Mme. Buchner, M. Canovas, Mme. Jaulin, Mme. Landry, Mme. Recamier, Mrs. Lawrence, 3-in., \$3 per 100; \$25 per 1,000. Variegated leaf, M. of Snow, Mrs. Pollock, Sophie Dumareque, Silver Leaf, S. A. Nutt, \$3.50 per 100; \$30 per 1,000. Ivy leaved: Alliance, Mme. Tribut and Rycroft's Surprise \$3 in., \$3 per 100; \$25 per 1,000. Var. ivy leaved: Duke of Edinburgh and L. Elegante, \$4 per 100; \$25 per 1,000. A full list of 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White March, Md.

## ROOTED GERANIUM CUTTINGS.

Choice stock for immediate delivery. Nutt, Grant, Poltevine, Buchner, strong top cuttings ready for 2 1/2-in. pots, \$1.25 per 100; \$10 per 1,000. The T. Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellane, Poltevine, Jaulin, Richard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, nice stocky plants, bud and bloom, S. A. Nutt, Richard, Beaute Poltevine, Buchner, 4-in., \$7 to \$8; 3 1/2-in., \$6 per 100. Good plants, guaranteed. Cash with order. Geo. Schlegel, Olney, Ill.

Geraniums. We have about 12,000 in 4-in. just coming into bud and bloom in different varieties in fine shape to send out. About 5,000 3-in. and about same in 2 1/2-in. Geo. A. Kuhl, Pekin, Ill.

Rod Wing, the best 1910 novelty, deep cardinal red, 75c per doz.; \$6 per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Geraniums, S. A. Nutt, and G. others, 3-in., \$3 per 100; 2 1/2-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Geranium Mm. Sallerol, 2 1/2-in., heavy plants, \$3 per 100. Wagner Plant Conservatories, Sidney, O.

Geraniums, standard varieties, 4-in., 9c; 5-in., 15c. Rose geraniums, 2 1/2-in., 2 1/2c; 3-in., 4c. Mosbek Greenhouse Co., Onarga, Ill.

RED WING, the best 1910 novelty, deep cardinal red. Rooted cuttings, 75c per doz., prepaid. Chas. Frost, Kenilworth, N. J.

Geranium Mm. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

Geraniums, R. C. Nutt, Ricard, Poltevine, \$10 per 100. A. M. Herr, Lancaster, Pa.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

GREENS.

Greens, dagger and fancy ferns. \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax, Geo. Cotsons & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus Multiflorus, 4 pl., \$10 per 100. Garden plants, Lychins Hagenia, Pyrethrum, Galliarda grandiflora, and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Hardy perennials. Wm. Tricker, Arlington, N. J.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

HELIOTROPES.

Heliotrope, rooted cuttings, \$1 per 100; \$5 per 1,000; prepaid. C. Humfeld, Clay Center, Kans.

Heliotrope, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Heliotrope, R. C., \$1 per 100. Geo. M. Emmons, Newton, N. J.

HOLLYHOCKS.

Hollyhocks, double field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Allegheny strain in mixture, all at \$3 per 100, \$25 per 1,000. Dahlias and hardy plants, catalogue, W. W. Wilmore, Box 382, Denver, Colo.

HYDRANGEAS.

Hydrangea Arborvireas Grandiflora Alba or (Hills of Snow), New 2-year-old field-grown, 3 to 5 canes, \$2 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins., \$5 per 100; 2 to 3 feet, \$6; 3 feet, \$7. Tree shaped, 3 to 2 1/2 ft., \$8; 3 to 4 ft., \$10. J. H. Dann & Son, Westfield, N. Y.

Hydrangea paniculata grandifl., 4 to 5 ft., \$20 per 100. Storrs & Harrison Co., Painesville, O.

IVY.

HARDY ENGLISH IVY.

Three plants out 3-in. pots, 12 to 16 ins. long, \$5 per 100. Cash with order. S. V. Smith, 3323 Goodman St., Philadelphia, Pa.

English ivy, from 4-in. pots. 3 to 4 feet tall, strong, bushy plants, \$12 per 100. John Reek & Son, Bridgeport, Conn.

Ivy, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

German Ivy, 2 1/2-in., \$2 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

JASMINES.

Jasmine buds, \$1 to \$1.50 per 100; \$8 to \$13 per 1,000; 500 at 1,000 rate. Woodward Floral Co., Alvin, Texas.

LANTANAS.

Lantana St. Louis, 2 1/2-in. pots, \$2.50 per 100. Cash with order or satisfactory reference. John Boshner, 38 Owell Ct., Dayton, O.

LILACS.

Lilacs. Jacs Smits, Ltd., Naarden, Holland.

LILY OF THE VALLEY.

To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley, Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

From Storage.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$16 per 1,000. The florists' money maker, \$1.75 per 100; \$14 per 1,000. H. N. Brun, 3033-40 W. Madison St., Chicago.

Lily of the valley, cold storage pips, case of 1,000, \$13; case of 3,000 \$26, J. M. Thorburn & Co., 33 Barclay St., New York.

MOONVINES.

Moonvines, Ipomea Maxima, the giant flowering; flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around: 2 1/2-inch pots, \$2 1/2 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, 2 1/2-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

MUSHROOM SPAWN.

Mushroom Spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

NIEREMBERGIA.

Nierembergia gracilis, indispensable for fine box or basket work, 2 1/2-in., \$3; R. C., \$1. W. J. Olds, Union City, Pa.

NURSERY STOCK.

Trees, Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dyebrus, 6 to 8 ft., 50c. Acer Negundo, 8 to 10 ft., \$1. Salix Americanus, 10 to 12 ft., \$1.25. Ulmus Montana pendula, 10 to 12 ft., 25c. Populus Monilifera, 2 to 2 1/2-in., 75c. Shrubs, Cornus Siberica, 3 1/2 to 4 ft., 25c. Spiraea Sorbifolia, 2 1/2 to 3 ft., 20c. S. Thunbergii, 2 1/2 to 3 ft., 25c. Symphoricarpos Racemosus, 4 to 5 ft., 50c. S. Vulgaris, 2 1/2 to 3 ft., 20c. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1 1/2-in. stems, 7 to 8 ft., 50c each. Dyebrus Cherry, 2-yr., 1 1/2-in. stems, 7 to 8 ft., 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 5 ft., \$25 per 100. Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berried plants, climbing plants, clematis, conifers, evergreens, Junikas, Japen maples, hydrangeas, Jacs Smits, Lt., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vitæ (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Morrisville, Pa.

Nursery stock, closing-out sale of ornamental stock, Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids, Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

Orchids, all commercial, cattileas and novelties. Carillo & Baldwin, Mamaroneck, N. Y.

PANDANUS.

PANDANUS UTILIS, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

PANSIES.

Pansy plants, strong, transplanted, in bud, set out in flats in cold frames, \$1.00 per 100; \$8.00 per 1,000. A few hundred extra heavy, well-branched cold frame plants at \$1.25 per 100. Russell Bros., Route 4, Syracuse, N. Y.

50,000 FIELD-GROWN pansy plants, never under glass, strong, bushy plants, THE KIND THAT SELL, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

35,000 transplanted pansies, finest imported strains, \$1.25 per 100; \$10 per 1,000. Write for sample. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Kenilworth Giant Pansies, \$3.50 per 1,000; 100 prepaid. Geo. Chas. Frost, Kenilworth, N. J.

Pansies, transplanted, mixed, \$5 per 1,000. Mosbæk Greenhouse Co., Onarga, Ill.

PALMS.

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Lantala Borh., 3-in., \$8 per 100; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phenix Canariensis, 2 to 2 1/2 ft., 65c; 2 1/2 to 3 ft., 70c; 3 to 3 1/2 ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Julius Roehrs Co., Rutherford, N. J.

Palms, Bobbink & Atkins, Rutherford, N. J.

PEONIES.

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all ars. Jacs Smits, Naarden, Holland.

PENNISETUMS.

Pennisetum Ruppelianum, 2 1/2-in., \$2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

PEPPERS.

Christmas peppers, 2 1/2-in., \$2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

PHLOX.

Phlox. We offer fifty thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Phlox, Miss Lingard, 75c per doz.; \$6 per 100; clumps, \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox, hardy, White and Birdseye, \$5 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

POINSETTIAS.

Poinsettias, 2 1/2-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2 1/2-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

PRIMULAS.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

PRIVET.

California privet, 2-year, transp., 3 to 4 ft., \$30 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

RHODODENDRONS.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**ROSES.**

Roses, Killarney, White Killarney, Richmond, My Maryland, Kaiserin, Bride and Bridesmaid, 2½-in., \$15 per 100; \$20 per 1,000. Newer varieties: Double Pink Killarney, Prince de Bulgarie, Mrs. Aaron Ward, Dark Pink Killarney and Radiance. A. N. Pierson, Inc., Cromwell, Conn.

Roses, Drer's Select potted roses for outdoor planting. For varieties and prices see advertisement elsewhere in this issue. Henry A. Drer, Inc., 714 Chestnut St., Philadelphia, Pa.

Roses, Lady Hillington, Mrs. Aaron Ward, Melody, Rose Queen, Radiance, Dbl. Pink Killarney, Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses ready to ship, 1,200 Maids, 1,000 Richmonds, 500 Cardinals, 2,000 Brides, 500 Kaiserin, Geo. A. Kuhl, Pekin, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

Roses, Am. Beauty, 2½-in., \$60 per 1,000; smaller stock, \$50 per 1,000. E. G. Hill, Richmond, Ind.

White or Pink Baby Ramblers, in bud, 4-in., \$2 per doz.; 5-in., \$4 per doz. GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Newport Fairy, 50¢ each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, all the leading kinds. Leedle Floral Co., Springfield, O.

Tree roses, 4 to 5 ft., \$35 per 100. Storrs & Harrison Co., Painesville, O.

Roses, leading varieties. Leedle Floral Co., Springfield, O.

Roses, hybrid tea. Wm. Tricker, Arlington, N. J.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

Roses, Bobbink & Atkins, Rutherford, N. J.

**SALVIA.**

20,000 transplanted Salvia seedlings. Ball of Fire, Bonfire, Troop Spike and Zurich, \$1 per 100; \$5 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvias, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvias, 4-in., \$8 per 100. THE GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

Salvia Bonfire, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 2½-in., 2½¢. Mosbæk Greenhouse Co., Onarga, Ill.

Salvia Splendens, 2-in., \$1.50 per 100; \$12.50 per 1,000. Reeser Plant Co., Springfield, O.

Salvias, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Salvias, 2,500 ready to ship out. Geo. A. Kuhl, Pekin, Ill.

**SEEDS.**

Seeds, Asparagus plumosus nanus, \$2.25 per 1,000 seed. Asparagus Sprengeri, 50¢ oz., post paid to any address in the U. S. Price larger quantities on application. Morris & Snow Seed Co., 425 S. Main St., Los Angeles, Calif.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, pansy, 1,000 seeds 25¢; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

Seeds, Asparagus plumosus nanus, 2,000 seed, \$7.50; 10,000 seeds, \$33. Vaughan's Seed Store, Chicago and New York.

Seeds, cabbage, cauliflower, carrot, mangold, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seven Top Turnips, D. Landreth Seed Co., Bloomsdale Farms, Bristol, Pa.

Seeds, specialties, peppers, egg plant, tomato vine seeds and field corn. George R. Pedrick & Son, Pedricktown, N. J.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters Whewler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 19th St., New York.

Seeds, Landreth Seed Establishment, Bloomsdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster. Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

Seeds, cabbage, cauliflower or root seeds. L. Dahmelfeld, Odense, Denmark.

Seeds, Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seed, pansy, Matchless, \$4 per oz. Masterpiece, \$3 per oz. J. Sanbidge, Mandeville Road, Enfield Lock, England.

Bermuda onion seed. Wildpret Bros., Port-Orotava, Teneriffe, Canary Islands.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodker & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohmert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds. Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

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Asparagus roots, Converter's Colossal and Palmetto, 377; 50¢ per 100; \$4 per 1,000. Mosbæk Greenhouse Co., Onarga, Ill.

Pot tomato plants, best early varieties, \$2 per 100. Cash, please. F. Wiadeler, Rushville, Ind.

Tomato Ponderosa, 2½-in., 2¢. Mosbæk Greenhouse Co., Onarga, Ill.

**VERBENAS.**

Verbenas, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Verbenas. About 3,000 in 2½-in., different colors, ready to go out. Geo. A. Kuhl, Pekin, Ill.

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**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

**GOLD FISH.**

Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

AUBURNDALE GOLDFISH CO.,

920 Randolph St., Chicago, Ill.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, 5c and 7c, 40c per lb.; 36c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburg, Pa.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2341 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

**GUTTERS.**

Gutters. Jennings' Improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Schaff Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chemical Co., Flushing, N. Y.

Insecticides, Aphine, 1 gal. per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kinc Tobacco Powder, \$3 per bag 100 lbs. The H. A. Sootbott Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Plant, \$6.50 per case of 12 paraffined boxes.

**MISCELLANEOUS.**

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerr-moor, Pa.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

# A Continuation of That Time and Money Talk We Had Together Last Week. This One is About Gutters.

LET'S see—last week you finally admitted that a wooden post and eave house actually cost more to erect than our Iron Post, with the Galvanized Ice-Clearing Eave Plate and Sash Bar Clamps attached. Exactly the same facts apply to the using of our Cast Iron Center Gutter, as all holes are drilled, all spacing of the Sash Bar Clamps done at the factory—there is no fitting on the job—no time lost—all things are bound to go together right. The Cast Iron Gutters are cast in lengths of 8 ft. 4 1/2 inches, and supported by pipe posts set in our adjustable cast iron foot pieces. These foot pieces are made adjustable so that the posts can be moved up and down, so that it is easy for you to get an even line up.

Here again, you use just half as many posts as with the wood gutter and post, and it takes just half the time to set them. Your house will also be a good deal stiffer and the warmth from the iron gutter keeps the snow and ice thawing and clears itself.

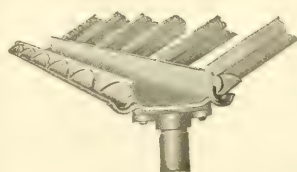
But don't confuse this gutter of ours with the "channel iron" kinds or the steel gutter, for the channel has not capacity enough, and either one of them will rust out and go to pieces in a short time. The gutter we are advising you to buy is Cast Iron and will outlast your house.

Then there is the added rigidity and life that the Sash Bar Clamps give—but that's a subject by itself—next week, then for a talk about the clamps.

**Lord & Burnham Co.,**

Factories; IRVINGTON, N. Y. and DES PLAINES, ILL.

New York James Building. Boston Tremont Building. Philadelphia Heed Building. Chicago The Rookery.



This is gutter No. 1908; we have three more kinds that you ought to know about—write us; get our prices.

Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Vacuum heating system. Chicago Pump Co., 1081 Fulton St., Chicago.

Plant bed cloth, waterproof sheeting, bay caps, etc. Henry Derby, 123 F. Chambers St., New York.

Cliffons, any color, 4-in. wide, 3c per yard; 6-in., 4c; 10-in., 6c. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

New imported florists' baskets. The Redleil Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Model extension carnation support; galvanized rose stakes. Igge Bros., 266 N. 9th St., Brooklyn, N. Y.

Reservoir vases. The M. D. Jones Co., 71-73 Portland St., Boston, Mass.

Gummed gold, silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Boigliano & Son, Baltimore, Md.

Mastics for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St. NEW YORK.

Boiler flues, all sizes. H. Munson, 506 N. State St., Chicago.

Dennison tags. Dennison Mfg. Co., 26 Franklin St., Boston, Mass.

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Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

The Red Pot. C. C. Pollworth Co., All roads connect with Milwaukee.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Pots of all kinds. L. Hrudka Pottery Co., 2619 Herndon St., Chicago.

Pots, Florist red. Peters & Reed Pottery Co., Zanesville, O.

**STAKES.**

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 50c; 600 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.



## ADVANCE MACHINES



Now that you are building a new greenhouse this spring, why not put in the same up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2 inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.

Davenport, Ia.

Business since Easter has kept up wonderfully well. There has been a great deal of funeral work, which has kept all hands busy, and used up all the stock as fast as it has come in. Easter business was very good, as good as any past Easter, and perhaps a little better,—everything salable was sold,—there being no glut in any one thing. Bulb stock cleaned up well, but went rather slowly until carnations and roses were all gone. Roses and carnations were short of the demand and also pot lilies. But all in all, Easter trade was very satisfactory to everyone concerned.

### NOTES.

John Staack and wife, of Moline, entertained the Tri-City Florist Club at their home on the evening of April 20, this being the regular monthly meeting. Nearly every member was present. The newly elected officers were installed, and a very interesting meeting was held. Outdoor carnation culture was the subject discussed, after which Uncle John Temple gave a very interesting talk on what he had seen and learned at the Boston show, which was much enjoyed. One new name was presented to the club for membership. Henry Paulis' invitation to meet at his home in Davenport on May 11 was accepted, after which a luncheon was served by the hostess and a pleasant social hour spent.

Frost most every night is keeping the boys from planting carnations, which job they are very anxious to get finished before the bedding season starts. On the other hand, it just suits the nursery men, keeping their stock from leaving out.

The Davenport Park Commissioners have purchased a very beautiful tract of land on the Mississippi River east of the city for park purposes. This gives Davenport seven parks any one of which would be the pride of any city.

Otto Klienbiel, florist at the State Orphans' Home (Davenport), was recently married. Best wishes. Otto.

J. W. Davis and John Temple took in the Boston show, and were more than pleased with their trip. T. E.

STROUDSBURG PA.—J. Howard Stone is erecting four new greenhouses, of 28x150 feet, and three 25x150 feet. The houses will be of modern construction, iron frame with concrete base, the material being furnished by the King Construction Co., No. Tonawanda, N. Y.

DOVER, N. H.—Charles L. Howe opened an attractive new store on Washington street April 12. The opening took place at 4 p. m. and by 9 o'clock it is estimated that 4,000 people had attended. More than 2,000 roses were distributed. Herbert A. Meades will be the manager of the store. Mr. Howe now has stores in Laconia, Portland and Augusta, Me.

# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
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We Manufacture all Our  
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all Florists' Requisites.*



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Quickly, easily and  
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No tools required.

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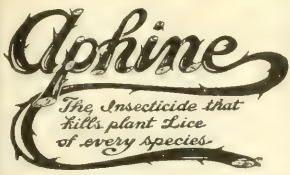


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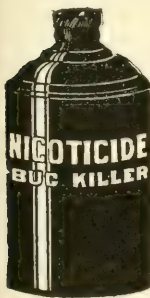
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We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

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On Monday evening, April 10, every florist doing business in this city met at the store of N. B. & C. E. Stover and organized the Terre Haute Florists' Club with the following officers:

Fred G. Heint, president.

Henry Graham, vice-president.

N. B. Stover, secretary.

Fred Wunker, treasurer.

Ed. Cowan, Otto Heint and Dr. Reisse, executive board.

The committee of by laws is composed of N. B. Stover, Otto Heint and Dr. Reisse. The commission houses of Chicago and St. Louis will kindly be asked to discontinue shipping carnations and other flowers to the department stores here in competition with our flowers, as it was decided unfair to us who buy largely from those houses. These flowers sell at the stores for much less than we can buy them at wholesale. Following is a list of the members of the new club, and includes every florist in the city: John Winton, Dr. Reisse, Fred G. Heint, Otto Heint, Fred Wunker, Harry Richmond, Ed. Cowan, James Cowan, Henry Graham, Harry Graham, Senger Bros. The club starts off under the most favorable auspices, and an unusual friendly feeling was shown by every one. Fred G. Heint, the president, represents the oldest establishment in the city, having been in business here for over fifty years, his father, John G. Heint, started in business sometime in the sixties. B. S.

BANGOR, ME.—The opening of the new floral shop of J. Martin Jr. on Center street, was a great success. Carnations were given to all who called as souvenirs of the occasion.

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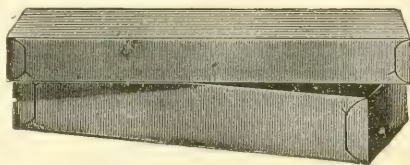
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The largest manufacturers of these goods in America. Send for catalogue.



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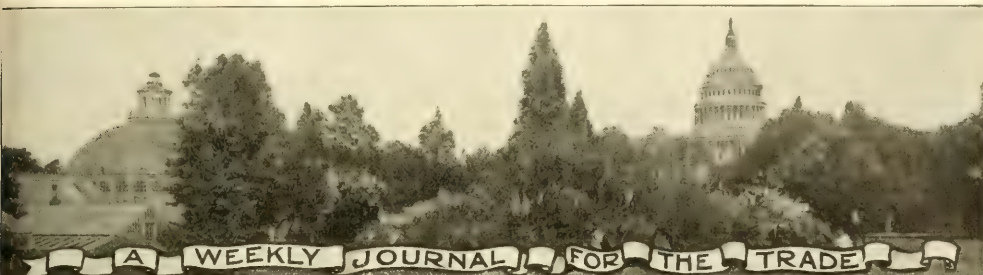
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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, MAY 6, 1911.

No. 1196

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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### SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—GEO. ASMUS, Chicago, President;  
RICHARD VINCENT, JR., Baltimore, Md., Vice-  
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F. KASTING, Buffalo, N. Y., Treas.  
Annual Convention at Baltimore, Md., August,  
1911.

### AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 1911.  
B. H. FARR, Reading, Pa., President; A. H.  
FEWES, Newton Highlands, Mass., Secretary.

### NATIONAL SWEET PEA SOCIETY.

Next meeting and exhibition at Philadelphia,  
June 23-24, 1911. W. ATLEE BURKEE, Philadelphia,  
President; HARRY A. BUNYARD, 342 W. Four-  
teenth St., New York, Secretary.

### AMERICAN GLADIOLUS SOCIETY.

Next meeting and exhibition at Baltimore, Md.  
August, 1911. I. S. HENDRICKSON, Floral Park,  
N. Y., President; L. MERTON GAGE, Orange,  
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## Our Supplements.

Subscribers should see that they get copies of  
the fine supplementary illustrations showing  
high grade design and decorative work. These  
fine supplements should be carefully pre-  
served, as they mean much to the retail florists  
in dealing with their customers, illustrating as  
they do the various kinds of work that the  
everyday florist is called upon to perform.

The papers in which the supplements appear  
should be likewise preserved, as they contain  
much valuable data with regard to these special  
illustrations. Subscribers should see that they  
get every issue as otherwise they may miss  
some of this high grade work.

## SUGGESTIONS FOR PLANT GROWERS.

### Hydrangeas.

The hydrangeas for Memorial Day  
and the summer should now be given  
plenty of room to produce handsome  
plants. They should be spaced far  
enough apart for the air to circulate  
through the plants and so that the  
light can reach the lower leaves. When  
grown too close together they make  
tall unshapely plants that require  
stakes to each bloom to hold them  
erect, and frequently lose the lower  
leaves from lack of sunlight. Those  
that are wanted for Memorial Day  
should be showing flower, and an ap-  
plication of liquid manure will be ben-  
eficial in producing larger heads of  
bloom. Keep the plants in a cool, airy  
house and during hot days syringe  
the walks and beds to keep a moist  
atmosphere, so as to keep down red  
spider, which will quickly ruin a hy-  
drangea plant if they once get started.  
The pots are full of roots, and the  
large blooms and strong growths are  
a great drain on the small pots in  
which the plants are grown, so they  
will need copious waterings contin-  
ually, often in bright weather twice  
during the day. The strong growing  
blind shoots can be cut out and made  
into cuttings, which, if rooted now,  
planted out, and pinched back before  
July 1, will make nice plants for next  
year's blooming. The plants that have  
already bloomed should be pruned  
back almost to the hard wood, and if  
wanted for early forcing next season,  
should be potted up and grown in pots  
plunged in frames outside through the  
summer, for pot-grown plants force  
much more readily than those grown  
in the open field and potted up in the  
fall.

### Lilium Speciosum and Auratum.

The flowers of these lilies are very  
useful all through the summer season  
and they often fill a want when nice  
flowers are in demand. While they  
are good subjects for out-of-door  
planting and are very decorative in  
the garden, yet if wanted for cut  
flowers, the blooms produced outside  
do not compare in quality with those  
grown in the houses. Bulbs started  
at this time will bloom in August, giv-

ing blooms at a period when there  
is little but the coarser outside flowers.  
They are very easily grown either in  
pots (one bulb in a 6-inch pot) or in  
boxes, six inches apart, and during  
the summer months there is always  
room in the houses to grow all that  
may be needed. We prefer boxes  
about six inches deep to pots, for they  
are more easily cared for and do not  
dry out as rapidly during the hot  
summer days. After the bulbs have  
been planted they should be kept dark  
and cool for a week or ten days until  
root action has started, when they  
can be brought into strong light. Aphis  
are as partial to these as to the other  
lilies, and a careful watch for these  
insects must be continually kept up.  
Constant fumigation will keep them  
down, and, if as sometimes happens,  
a cluster of the insects gathers on a  
bud and the fumigation does not get  
rid of them, rub them off with a piece  
of cotton or soft cloth. *L. speciosum*  
can be obtained in both the pink and  
white shades, and *L. auratum* is the  
beautiful large white lily banded with  
yellow and with brown spots. This is  
an extremely showy variety, and one  
of the most beautiful of the lily family.

### Planting Out.

By the first of May much of the  
hardier stock can be planted outdoors  
in most all of the different sections of  
the country. Carnations and violets  
should be planted out as early as pos-  
sible with safety, for it will be of great  
advantage for them to get a hold in  
the soil before the warm, dry days ap-  
proach. A little planning is a great  
saving of labor in getting the plants  
into their summer locations. Plant-  
ing in rows sufficiently far apart to  
work either with a wheel hoe or cul-  
tivator is far preferable to planting in  
blocks, where the labor must be done  
entirely by hand hoes, making the  
labor expense much more. Keep the  
different plants and varieties as much  
as possible together, for at lifting  
time it will be far more expeditious  
to have each kind by itself, and the  
transplanting in the fall will be per-  
formed much easier and less mistakes  
made if all of a kind are in one loca-  
tion. In setting the plants in the



field, avoid traveling over the ground any more than is necessary. The land has been either plowed or forked over to get into a loose condition, and as it is very full of moisture at this season, packs down again very easily, and if it gets hard and solid is much less retentive of the moisture during the summer season. We have seen men start at one end of the row on their knees and literally wallow down the length of the field, never getting up, and boasting how rapidly they could accomplish their work, and all the time making the ground as solid as a rock and totally unfit for the proper growth of the plants. We have known good gardeners who would not under any circumstances allow men to kneel upon the ground when it was in a moist condition, claiming that it made the ground so hard that the plants could not grow, and it could never be lightened up again. This may seem a small matter, but if followed by a dry summer the difference in moisture held in the soil will be very material.

#### Tuberous Begonias.

The plants that are to be grown in pots all summer as specimen plants should now be shifted into their blooming pots, either a 6-inch or 7-inch pot, according to the robustness of the plant. They should be spaced out so as to leave plenty of room to grow in fine shape. The varieties differ greatly in their habit of growth and the setting of their flower buds, many of the larger varieties, especially those bearing double flowers will need a support to the flower stem, the small green bouquet sticks are especially suitable for this use. Some of the varieties will need to be staked up as soon as the stems attain any length, the flower stalks being very weak. If there is not enough stock for bedding out it is not too late to start the bulbs, but they should be attended to at once. Bulbs started at this time will make nice little plants in June three or four inches high, nice stock for bedding purposes. The seedlings should be potted in two and one-half-inch pots as soon as they have two or three well-defined leaves, and kept moving right along so that they can be of good size in late summer. It is not expected to get much of a plant the first year from seed, but to produce a bulb for next year's blooming.

#### Gloxinias.

There should be plenty of room now to give these plants the room which they require. They should be potted now in the blooming-sized pot, which will vary according to the size of the bulb and plant. They should be spaced on the bench so that the leaves do not touch, and with room enough between the plants so that they can be watered without wetting the foliage, for the leaves will spot if water stands upon them. Careful watering is one of the great factors in the culture of gloxinias. To grow them successfully the hose had better be dispensed with entirely, and the watering can be depended upon. They will not stand over-watering at any time, and the plants will not all grow alike or need the same amount of water, so they will have to be looked over very carefully and only those that require it should be watered. The seedlings should be potted as soon as they are

large enough to be handled and at about the same depth in the pot which they have assumed in the seed bed.

## THE RETAIL TRADE

Conducted by Robt. Klft, Philadelphia, Pa.

#### Hugh Seales, Birmingham, Ala.

The beautiful display of plants and flowers which we illustrate was made in the store of Hugh Seales in the City Hall Building on Nineteenth street, Birmingham, Ala. The stock displayed was grown by Mr. Seales in his greenhouses, and was of the best quality, and the illustration clearly shows that the southern florists are thoroughly up to date and that the quality of the stock and the store compare favorably with the larger northern cities.

#### Rocklin & Lehman's Window Display.

The window display which we illustrate was a beautiful arrangement of plants in the store of Rocklin & Lehman, Sioux City, Ia. Lilies were, of course, the principal plants, but they were surrounded by finely-grown specimens of azaleas, spiraea, hydrangeas and bulbous stock, arranged in baskets and the shelves draped with paper. A display of stock of this class is a most important feature in a store at such times, for while the picture was taken on Friday night not a plant of any kind was left in the store on Saturday night, and in addition to those in the window the store was banked with lilies and blooming plants.

ing of a florist's business. The rich and subdued colorings blend with the plants and flowers and the great plate glass mirrors paneling the walls reflect the brilliant colors of the flowers in a never ending vista of bloom. It is said to be one of the most magnificent flower stores in America. A good illustration of the new store appears in our issue of April 29, page 716.

#### Gates Ajar.

SEE SUPPLEMENT WITH THIS ISSUE.

Among the many flower designs executed by the trade, especially where a large effective arrangement is desired, the gates ajar has, ever since it was first conceived, been very popular, for it represents a sentiment that is so easily understood by all. It is a design that is capable of so many different ways of arranging that the florist need never duplicate his work, and with any artistic ability has an opportunity to execute a beautiful floral emblem. The frames can be obtained in different forms; some to represent the posts upon which the gates are hung, others with the simple arch, some with the broad steps at the base which represent the path ascending to the gates, and others with the base arranged as in many of the larger floral pieces forming a beautiful foundation for the design. With the posts and steps the form must of necessity be adhered to very closely, and the flowers used be of short stems, but with the arch and plainer base the arrangement can be of a much looser and artistic nature. Many customers prefer the former, with the posts distinctly outlined and



INTERIOR VIEW OF HUGH SEALES' STORE, BIRMINGHAM, ALA., APRIL 12, 1911.

#### Pellicano, Rossi & Co.'s New Store.

The new store of Pellicano, Rossi & Co., "The Flower Palace," at 123 Kearny street, San Francisco, Calif., which was opened April 17, was the center of attraction for the flower buyers of that city during Easter week. The store is beautifully designed and especially convenient for the conduct-

the broad walk and steps at the base made very distinct, for this more fully meets their ideas of the gates and their approach, but this compact arrangement does not allow of the use of so large a variety of flowers, for they must necessarily be of the smaller flowers that will arrange closely. We much prefer the lighter and more ar-

tistic arrangements where the outlines of the frame are not too closely followed, and which permits of the larger and more prominent flowers and make it possible for the florist to arrange them in a more artistic manner with the accompaniment of beautiful ferns, which give him the opportunity to show his individuality in floral work. The gates must of course be made compact, for it is necessary that they clearly and definitely show what they are intended to represent, and care should be taken that they are fastened ajar by a strong, stiff wire. The closed gates are not the idea intended, in fact, just the opposite is the sentiment designed for this floral piece to convey. The base gives the designer ample opportunity to display his best ideas and can be made very effective. Any of the prominent flowers and greens can be employed and beautiful arrangements can be made with long stemmed lilies, roses and other flowers backed with nice greens or cycas leaves, which make an effective background.

With this design many of the beautiful accessories of the florists' trade can be employed. It seems to be peculiarly adapted to the use of the doves and a proper arrangement of the lighter ribbons and chiffons are a great addition, but care must be taken that this feature is not overdone and that there is not too much "millinery," as it is expressed by some. The design which we illustrate is a beautiful example of the gates ajar, showing the use of the large callas with roses and carnations, lightened with the smaller marguerites, Roman hyacinths, freesias and sweet peas and shows what an artistic arrangement can be made of this large floral design.

#### Approaching the Finish.

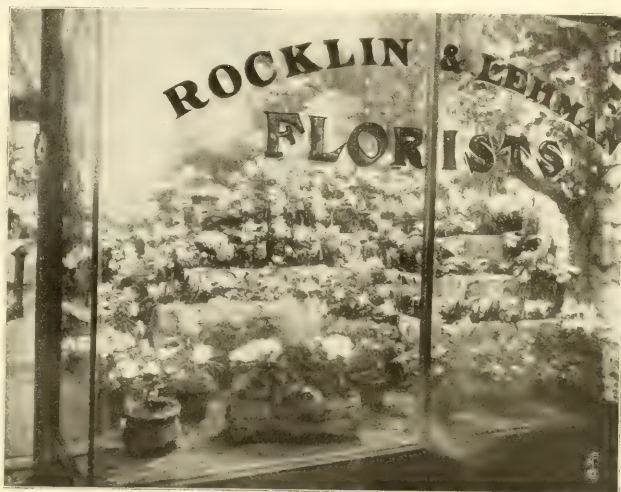
Easter marks the last turn in the yearly course and the entering of the homestretch, with one of the great floral days but a short ways ahead, and then the month of June, which to the majority of florists is the best month of the year, for at this time are the sales of bedding and other plants for the grower who makes this one of his specialties, the weddings and school graduations for the retail florist and the consequent large demand for cut flowers of the rose and carnation growers, and to add to all this our old friend, the coal man, is not getting any part of the money that is earned at this season, for old Sol is furnishing not only the necessary light, but the heat also. But this is the season of hard work and long hours, for which ever way one may turn he can see something to be done. The first thing after Easter is to clean up the houses and make room for the large quantity of stock that has, in all probability, been demanding more room. The bedding plants should be immediately spaced out so that they may be shapely plants by the last of May or first of June, and those that are becoming pot-bound should be potted up that they do not become stunted or checked and the young stock of seedlings potted and cared for.

The stock for Memorial day will this year have to be attended to as early as possible. Easter coming in the middle of April leaves but six weeks to Memorial day. While this great day for the floral trade is everywhere known as rather a cheap day yet it

comes at a time when the expense of growing the flowers is comparatively small, and there are also quantities of outside stock, that is inexpensive, and can be used to great advantage, and there is no reason why small orders cannot be filled cheaply. The florists who are located near cemeteries will have great demands for bouquets and bunches for one to two dollars, and must have a large supply of the cheap-

taken and grown on for stock plants during the summer. There is still time to root Begonia Gloire de Lorraine and the poinsettias should now be started enough to make the first cuttings. The propagating bench should be full of young cuttings up to the first of June in preparation for the coming season.

The decorative stock will also demand attention, it has been growing all winter in the same soil and with the



EASTER WINDOW DISPLAY OF ROCKLIN & LEHMAN, SIOUX CITY, IA.

er stock. It will not do to depend too much upon the out-door stock for a backward season will check all growth except what is under control and it therefore pays to be forehanded and have a good stock in the greenhouses. Stocks make a splendid flower for this time of the year and spires are particularly good both for cut flowers or for plant sales. Candytuft and feverfew are also very useful in the cheaper work.

The planting out of the carnation and violet stock should be done at the earliest possible moment. These plants especially the carnations are not to be out very long, and they need every day that is possible in the open to make them strong and sturdy for the production of good blooms during the winter. These plants, if they have been properly grown and hardened off a little preparatory to being planted out, will stand considerable cold weather and it is much better to get them out while the ground is good and moist that they may get a good hold before the hot days come on. Besides, it will be but a short time before the other work such as the bedding stock and the planting of the more tender plants will be on hand, and the hardier stock should be planted and out of the way.

The propagating bench should be full all the time, the chrysanthemums ought now to be rooting and any late stock of which there is danger of being a short supply can be propagated now. Any geraniums of which there will not be any stock left, that is the varieties of which all the plants will probably be sold, a late cutting can be

approach of warmer days and more congenial weather will start into growth and should be given every encouragement to make new roots and foliage. Many of the palms are now approaching the best growing season and will need to be repotted. This should be done at the earliest opportunity, for if put off until later is sure to be deferred until the first of July, when it is too late to get the best results. The Boston ferns and its many sports should be broken up and the stock planted out in the benches for summer growing. Be sure and give these plants a nice new soil and they will quickly take hold and if grown warm and in a humid atmosphere will make fine plants to lift and pot up in early September. Some of the more decorative forms do not stand the bench treatment and subsequent lifting as well as the old Boston and are more successfully grown in pots during the summer, but these will need new soil and should be potted up at once. There is always plenty to do at this season and the successful grower is continually planning to get everything done at the proper time and out of the way before the work that is to follow is thrust upon him.

NEW CASTLE, PA.—John Campbell has opened a flower stall in the Borough market.

OWEGO, N. Y.—On July 1 the floral business conducted under the name of A. J. Thomas, on Main street, for a number of years, will be transferred to the two sons, Joseph and Albert.



## Mothers' Day.

"All that I am or expect to be, I owe to my mother," said Abraham Lincoln and this sentiment has found echo in the heart of everyone, and with such a feeling in every breast it is not wonderful that a day set apart on which to commemorate the memory of one's mother by the wearing of flowers should have been adopted so generally and that the growth of the commemoration of the day has been phenomenal so that Mothers' day has become one of the flower days of the year. This most beautiful idea and sentiment originated with Miss Anna Jarvis of Philadelphia, who observed the first anniversary of her mother's death by wearing white carnations, her mother's favorite flower. The happy thought occurred to her that all mothers, whether living or dead, should be honored on some day and that the second Sunday in May, which was the anniversary of her mother's death, should be set apart and called Mothers' Day. In furtherance of this plan she began writing letters to churches, societies, people in official life, the public press and all whom she thought would interest themselves in the movement of celebrating the day when every man, woman and child was to honor the "best mother in the world, their mother." This was indeed a great work, but Miss Jarvis, in her love for her mother and prompted by the beautiful sentiment, labored indefatigably to found this day as Mothers' day.

In 1908, the second anniversary of her mother's death, the seed which she had so fondly and laboriously planted made rapid growth, and Mothers' day was recognized all over the country. In that year THE AMERICAN FLORIST called the attention of the florists of the country to the proposition for the commemoration of Mothers' day, and of the custom of wearing a white flower in honor of the wearer's mother, which should appeal to every man and every manly boy and it was hoped and the duty of the florist to see the idea extended. Cities, towns and organizations immediately adopted the plan and in some cases official proclamations were issued calling attention to the selected day. While it was the idea of Miss Jarvis that white carnations only were to be worn, yet the plan had been so largely adopted that the supply of that flower in some localities was entirely inadequate to fill the demand and any white flower was used to designate the observance of the day. The following year again we called attention to the growing popularity of the day and of the great benefit which might be reaped by the trade if the plan was extended in the proper way and the reports of the business which was the result upon that day were very gratifying.

Again last year, on the fourth anniversary of the day, we strived to direct the attention of our readers to the observance of the day, reminding them of what could be done on their part toward encouraging the beautiful custom which was being so generally adopted all over the country, and we received many letters informing us of the results of their interest in the work by drawing the attention of the city officials and local press to this movement. This beautiful idea should be encouraged by all, for not only is it of great commercial benefit to all those engaged

in the growth and sale of flowers, but it is such a beautiful idea expressing the deepest sentiment that it is immediately taken up and appreciated by all. Other trades have endeavored to create a demand by advocating the wearing of buttons and other insignia on this day, and the collecting of money for poor mothers and for endowing beds in hospitals, thus bringing



Miss Anna Jarvis.  
Founder of Mothers' Day.  
Photo Copyrighted by Anna Jarvis.

in commercial features that Miss Jarvis greatly deplores, for her idea is to simply remember mother with nature's beautiful product and is not at all in sympathy with the commercial features.

## Floriculture for the Wayward Boy.

PROFESSOR SARGENT ADVOCATES THE  
FLOWER'S BENEFICENCE.

The wayward boy, the boy with criminal or mischievous tendencies, may be served with greater advan-



Mrs. Jarvis.  
Mother of Mothers' Day.  
Photo Copyrighted by Anna Jarvis.

tage to himself and his future development by being apprenticed to a gardener or florist than by going into any other line of work, according to Professor Charles S. Sargent of Harvard.

This opinion, states the Boston Post, coming from the famous director of the Arnold Arboretum and professor of arboriculture at Harvard, draws attention to a phase of occupational influence on the individual that has just been touched upon by Luther Burbank, the California plant wizard, who has taken a boy addicted to truancy and proposes to reform him by bringing him up among flowers. Though the California inventor of new and strange fruits and plants has mapped out a course of instructing the boy in botany and teaching him the processes of plant culture, Professor Sargent holds that as far as he can see there is no regular regime to be used in such cases.

According to Professor Sargent the mere fact of working among plants and growing things cannot help but affect such a boy for the better. Professor Sargent's views of the good influence of plants and flowers is shown in a practical way by his custom yearly of throwing open to the public the gates of his beautiful estate of Holm Lea in Brookline on occasions when the rhododendrons and other flowers in which he takes delight are at their best in blossom and color. Last year, as was announced in THE AMERICAN FLORIST, issue of December 10, 1910, page 978, he was made the first recipient of the George Robert White medal, which is, according to the terms under which it is given, "awarded to the man or woman, commercial firm or institution which has done most for the advancement of horticulture during the year, in its broadest sense."

With such an intimate knowledge of plants and flowers and of their influence on persons who live among them, Professor Sargent says of the possibility of reforming boys by garden life:

"There is no doubt, I think, that the occupation in which a man engages reacts upon his personality, and I believe that gardening has an elevating effect upon the men who are employed in it. I have been told that a surprisingly large percentage of murderers are men who have at one time or another been employed as butchers. Whether this is true I do not know, but somehow it does not surprise me, since the natural reaction of butchering is brutalizing. That is an extreme instance of occupation, but I might say that at the other side of the proposition is gardening in one form or another. No man can make a success as a gardener unless he loves his plants.

"This is a fact that is even more clearly apparent among florists, for it seems to me that the man who does well as a florist must be very fond of flowers, and that this fondness grows upon him, so to speak, with the years. It would seem clear enough, then, that a boy thrown into work among growing things would be brought under a better influence than in almost any other occupation that he might follow. The reported experiment of Mr. Burbank with the truant boy might seem to be along this line. In fact, I think the principle has come to be widely recognized, at least in its effects, since I understand that in many of our reformatories and similar institutions for

wayward boys the inmates are encouraged in planting individual gardens besides being made to work in the vegetable gardens. Any association with plants and flowers cannot fail to have an elevating effect on the human mind.

"Although I do not suggest any set form of associating wayward boys with particular sorts of flowers or vegeta-

#### Gladiolus Bulb Rot Investigation.

About three years ago the Department of Plant Pathology at Cornell University started some investigations on the bulb rots of gladiolus. This work was done by Errett Wallace, a graduate student in the department who undertook the investiga-

some practical method of controlling the disease.

As plant pathologist for the Society of American Florists, the writer finds that \$50.00 has been set aside by the society for his use in carrying on investigations. With the approval of President Asmus of the society, this sum is to be used toward paying a young man in the department to continue these investigations on gladiolus bulb rots so well begun by Mr. Wallace. This work is now under way, and Mr. Fitzpatrick, who is doing the work is very anxious to obtain specimens of diseased gladiolus bulbs from growers who will be kind enough to contribute. We shall also be glad to visit any growers within reasonable distance to look over the disease in the bulbs and select material for study and talk over the problem with them, if they are willing to pay the traveling expenses. There are no funds for this investigation beyond that contributed by the Society of American Florists. Moreover, the writer feels that if gladiolus growers believe the investigation and solution of these bulb rot problems would be worth anything to them, they should be willing to bear at least a portion of the expenses for such investigations. The Department of Plant Pathology is now making it a general practice to undertake no investigation of any plant disease, unless the growers of the crop are sufficiently interested to co-operate financially in carrying on such investigations. The state has provided a good laboratory equipment and facilities for carrying on such investigations, together with competent men to oversee the work, but that such investigations may be properly and promptly carried on, it is necessary to have one or more men devote their entire time to each problem under the direction of the professor in the Department of Plant Pathology. The salaries for these men, which are relatively small, range from \$500 to \$750 a year, where the men are employed continuously throughout the year, and the necessary expenses for traveling range from \$250 to \$500 per year, all being met by growers or associations of growers. Some 10 to 12 such co-operative arrangements are now in operation, and no less than 30 different disease problems are now under investigation.



WINDOW BOXES KEPT LOW TO AVOID SIGNS.

bles, I think that as a general proposition, if a wayward boy were apprenticed to a good gardener his chances of growing up a useful citizen would be much greater than if, for example, he ran away to sea or became a butcher. I am mentioning these two occupations simply as instances of work that would not tend to reform the boy. Of course it is likely that some forms of gardening would have a more direct and active effect on such a boy than would other forms. Some persons, for instance, say that the florist, the man who specializes in flowers, is brought under more esthetic influences than the man whose business is the raising of vegetables. That is largely a matter of individual preference, just as is the fact that some persons cannot abide the odor of certain flowers.

"Regarding the ways to interest a wayward boy in flowers an absorbing question is opened, since a liking for flowers is not generally found in children. The fondness for flowers is something that in most persons comes later in life. Still, if a wayward boy were set to work under the direction of a good gardener who would impress upon him regularity of habits together with a working knowledge of plants and their culture, I think it would go far toward putting the boy on the right track in life."

HARTFORD, CONN.—John Brodrib has opened a new flower store at 909 Main street which is well stocked with plants and flowers.

SPRINGFIELD, O.—The city has accepted the offer of the Florists' Club to lay out, plant and care for a park on the esplanade. E. S. Kelly, a public-spirited citizen, offered to furnish the soil and prepare the park, and the club will take care of beautifying it.

tion as a thesis for his master's degree. Mr. Wallace continued these studies for about a year and a half and made good progress toward the solution of the cause of those various bulb rots. He isolated and studied three or four different fungi and proved that they were in each case the cause of different types of bulb rots. However, for the lack of funds we were not able to continue these investigations further, and while Mr. Wallace has quite clearly shown that there are at least three different kinds of bulb rots of the gladiolus in this country and that they are in each case caused by a different fungus, it has not been possible for us to make further studies on these parasites to determine just how they get into the bulbs, or to carry on experiments to determine



MARGUERITES AND GERANIUMS IN WINDOW BOXES.



The work on the gladiolus bulb rots is now under way and can be carried along until autumn of this year on the funds in sight. A. E. Cowee, of Berlin, N. Y., a well-known gladiolus grower, has in the past contributed very largely toward these investigations by paying the traveling expenses of Mr. Wallace in connection with the work and in contributing diseased and healthy bulbs for the investigation. He has again come forward this year and offered his further co-operation along these lines. Much credit is due Mr. Cowee for having made possible the work already done on these diseases. The enthusiastic support which he is giving in continuing this work this season is most gratifying, and we trust that every gladiolus grower will see his way clear also to assist in carrying out this work. You can all materially aid us by sending in diseased bulbs for examination. Address all material and correspondence to the undersigned.

H. H. WHETZEL.

Ithaca, N. Y.

### How to Treat Carnation Soil.

ED. AMERICAN FLORIST:

We would like to ask you about carnation soil. We manured ours very heavy about Christmas with cow manure and are thinking of not changing it, but simply heap it up in ridges in the middle of the beds, which are solid, and lime the dirt thoroughly as we work it up, also the sides of the beds. Any information you can give will be greatly appreciated.

J. V. L. N.

North Carolina.

We conclude by the reference of J. V. L. N. of having manured the soil very heavy about Christmas with cow manure, that carnations are now growing in the soil, and it is the intention of not renewing any of the soil for next season's planting, but after these plants are taken out, to lime the soil and use it for another season. We believe in fresh soil for each season's growth, after the soil has carried a bed of plants for nine or ten months it cannot be expected to have much life. Any manure applied to the soil at Christmas time will be about used up after four or five months' plant growth in it, unless it was put on heavy enough to do harm to the growing plants. The application of lime to the soil can very easily be carried to the extreme. A small amount is beneficial to set the ingredients of the soil working, but an overabundance is more likely to impoverish it than to do it any good. If we had the directing of this case, we should have some live fresh soil and well rotted cow manure got together now, or as soon as it could be worked, and then after the plants now in the bed are taken out, remove some of the old soil and replace with the fresh. It has always been our experience where the same soil has been used from year to year, not only with carnations but with roses and other plants, that there has been something lacking to bring out the plants' best efforts, and that additional manuring and work has had to be resorted to more than offset any saving that occurred in not renewing the soil before planting. The enquiry is not very clear on some of the points, and if we have come to the wrong conclusion, and J. V. L. N. will write again, we will be pleased to answer anything he wishes to know as clearly as possible.

C. W. JOHNSON.

### Window and Porch Boxes.

The boxes of plants for windows and porches are great decorative features in many of the cities and towns and can be made very beautiful additions to a residence if properly filled and cared for, and is a remunerative part of the business to all the florists dealing in plants. The boxes, of course, will have to be made to fit the location, but as the plants are invariably planted very closely together, in fact, generally crowded, when first set out, and as the locations are generally very trying for plant culture it is necessary that the boxes be deep enough to hold soil to carry the plants through the season. They should under no circumstances be less than six inches deep and six inches in width inside measurements and a depth of nine inches is far better, for there should be at least an inch of good drainage in the bottom, a good depth of soil and an inch of clear space at the top for the watering. There should be plenty of holes in the bottom and they should be at least an inch in diameter to insure the necessary drainage to get good results. The best wood of which to make the boxes is cypress or oak, for they are far more lasting and in the end will not cost as much as the cheaper grades of wood, but many will not care to meet the expense of cypress or oak and the boxes of spruce or hemlock will have to suffice. Hemlock is better than spruce, but will require a much heavier coat of paint, for the wood splits and checks badly. The cheaper woods are

ferable and in many cases the dark reds and drabs are far better than the green. While this may make but little difference at the latter end of the season, when the vines have grown heavy enough to entirely cover the box, yet, for the first month or so the box is generally plainly visible and it is often these little details that make the effort successful and a customer satisfied. Be sure that the boxes are securely fastened where they are to remain, for after the plants have grown and require constant watering they are very heavy and present quite a surface to high winds, and in the case of window boxes it is extremely dangerous to leave them where they might be blown off or drop. It never pays to take any chances of this kind, and if the boxes have become at all decayed it is better to have new ones than take any risks of their not being secure throughout the season.

### PLANTS FOR BOXES.

The selection of plants for the boxes will depend greatly upon the location and the surroundings, for some of the boxes will be in bright, sunny locations where blooming plants can be effectively used, while others will be in very shady positions where they will receive the rays of the sun but a few minutes or perhaps not at all, and the blooming plants that require full sunlight will not be at all adapted to such a location and other plants will have to be employed, and in the shadiest place palms and other decorative stock with ivy will be the only serviceable



VERANDA BOX AT THE HOTEL PLAZA, NEW YORK.

Kentias, Phoenix, Ficus Pandurata and Ivy in Terra Cotta Box.

often charred on the inside to prevent rot. This can be easily done by coating with kerosene and lighting it and as soon as well afire the box turned over or covered with dirt.

In painting, the dark green seems to be the favorite color, but a color more in harmony with the house is often pre-

ferred. The one necessary requisite for good window boxes is nice trailing vines, and in the majority of cases the vinca is the plant most desired, for if good, sizable plants are used it rapidly covers the box and makes a very beautiful showing. Probably the next of importance in the

vines are the ivys, which can be used in the shadier locations. The German ivy is a very rapid grower and soon covers the box and hangs in long strings down in front, the English ivy is a much slower grower and must be planted closer, but is the best of all the vines for the shadiest places. *Thunbergia alata* is a very desirable plant for the front of window boxes, for its trumpet flowers add considerably to the appearance of the box. This vine should be placed in the half shady places, for it is frequently attacked with red spider if in the bright sun, and if so placed should be syringed frequently. *Nasturtiums* of the tall growing varieties are often used in the cheaper arrangements. *Lobelia gracilis* is another fine plant for the front of the boxes, but will not grow as long as the other vines mentioned. The ivy geraniums are among the finest of the trailing plants and make a beautiful showing in sunny locations, but care must be taken in using them that the colors do not clash with those in the box. These plants deserve to be more generally used than they are, but one of the reasons that they are not is the inharmonious arrangement of colors. *Tradescantia* is very useful and will grow anywhere and the variegated forms are very beautiful additions.

The plants for the back of the box will greatly depend upon what the customer is willing to pay, and the variety of stock that can be used is almost innumerable, yet is also dependent upon the location and suitability. First and foremost will come the geraniums, which will be used alone with the vines or in combination with other blooming plants. *Marguerites* are especially adapted to window boxes and if well cared for will bloom all summer. *Brompton* stocks, *calendulas* and a number of the everblooming annuals can be used to fill in the boxes. In the shadier locations *fuchsias*, *begonias* and ferns are the better plants with some of the light-colored foliage plants such as *crotons*, and if not too shady, the *coleuses*. In the real shady places the palms, ferns and decorative plants with *crotons* and other variegated foliage will have to be depended upon.

#### SOIL AND FILLING.

The soil that is used in window boxes must be of the best, just as good as is used in the greenhouse benches for rose and carnation culture if the best results are desired. It will not do to dig up any old garden soil and expect to have a beautiful display all summer. There should also be added to the soil a little ground bone to carry the plants along after the plant food has become exhausted. The smaller boxes can be filled in the greenhouse and carried to their places and fastened there, but many, and especially the larger ones, are in locations where they cannot be placed after they are filled and must be planted out after being secured. This work must be performed by a very careful workman, especially in cities, and also one who is extremely careful about spreading dirt. This may appear a small matter, but is very important in some places. Where the boxes are planted in their permanent locations it is better to have two men, one who can stand and see the box and direct the other in his work. After the boxes are planted they should receive a good watering, not just enough to wet the top of the soil, but a heavy watering to

wet the box clear through and settle the soil thoroughly around the plants. The care of the boxes through the summer will generally devolve upon the owner, but in order that they may be an object of beauty through the season, a little instruction may be necessary and should be freely given. If they are placed where the sun shines upon them all day they will, of course, need copi-

#### Greenhouse Management.

Paper read by C. L. Washburn, Hinsdale, Ill., before the joint meeting of Illinois Horticultural Society and State Florists' Association at Champaign, Ill., February 7, 1911.

In giving my ideas on greenhouse management it must be understood that they refer to American Beauties, roses, carnations, etc. I am not familiar with the growing of palms, ferns and that class of plants. How-



VERANDA BOX AT THE HOTEL PLAZA, NEW YORK.

Palms, Foliage Plants and Ivy in Terra Cotta Box.

ous waterings, and if on a dusty street, to be syringed often. The one who fills the boxes should study the conditions and instruct those who are to have the care of them in the necessary work. While the job is practically finished when the boxes are filled and placed in their location, yet the work is going to be judged on how they look all the season and it is therefore necessary that these things should be given consideration.

OGDEN, UTAH.—The business at Easter was about the same as last year, reports F. J. Hendershot, with prices no better and the supply of both plants and cut flowers was equal to the demand. Lilies were the most desired plants and roses were first choice in cut flowers. California growers sent in thousands of callas, which were shipped in cans containing water and enclosed in other cans.

SPRINGFIELD, MO.—The Easter trade, according to W. A. Chalfant, was about the same as last year. The supply of cut flowers was greatly deficient, there being a shortage of everything and there was a great scarcity of lilies in pots. The prices were about the same as in previous years. Easter was too late for tulips, hyacinths, daffodils and other bulbous stock and pot lilies were in good demand. Cut lilies, roses and carnations had a good call, in fact, everything in the flower line sold out clean. We even sold sprays of cherry blossoms.

ever, the management is about the same regarding the usual care of watering, ventilating, etc. I will suppose at the beginning that the greenhouses are well built and of modern construction. The heating is the first subject we shall take up—it is absolutely necessary that a good circulation is obtained of either hot water or steam. The pipes must be so arranged that they will easily drain back to a tank whence they can be pumped into the boilers. The circulation is the main foundation plank of successful heating as either hot water or steam with perfect circulation will do better work with a less amount of fuel than when the returns have to be forced around by pressure. The boiler capacity in every greenhouse heating plant should be at least 50 per cent larger than what was figured as the rated capacity required, as the most economical way of firing a boiler is to burn an even fire without forcing it. If the boilers have to be forced to their full capacity, a large amount of heat escapes up the chimney. The heating plant and the greenhouses themselves should be thoroughly overhauled and all repairs made during the summer months. All broken glass should be replaced and the woodwork thoroughly painted. If any of the outside sheathing has rotted or broken away, it should be repaired and made snug and warm. The drain pipes should be carefully looked after to see that none are broken, for greenhouses



require a good drainage in order to keep good fresh air under the benches.

We now come to the matter of planting the houses. When removing the old soil from the benches, it is best to thoroughly clean and whitewash the benches if they are of wood. Have the benches well repaired so that all will be lined up in good shape. The new soil is one of the principal features of the success for the coming season's

bushed out with three to five branches. It is best to have the field plants all benched by the middle of August. In roses, there is considerable controversy over which is best to plant—the own root or the grafted. From our own experience, we find that grafted plants produce the best results in Bridesmaid, Brides, Pink and White Killarney and Richmond. However, the grafted plants require more careful attention

time the roots will be working towards the surface and scratching must stop. This is a very important feature. It is better to spend a little more money on heating and give the plants plenty of fresh air than to keep the ventilators closed all night or with only a small crack of air on. Our plants will be less liable to mildew if grown with plenty of air, also thrip and other insects can be more easily gotten rid of from good strong healthy stock than from weak plants. The steam pipes should have a little dab of sulphur put on twice a week as soon as steam is turned on. We found a very good preparation for keeping thrip and other insects down, to be a solution consisting of one pound Paris green, five pounds brown sugar, 20 gallons of water. This preparation should be sprayed on the plants when the sun is not shining, or late in the afternoon, and left on until the next syringing is done. A few applications will suffice to keep the plants free and it is a very cheap preventative. A little later it is a good idea to paint the pipes with nicotine solutions. This fumigation should be kept up the whole season, also the putting on of a light dose of sulphur on the pipes should be kept up. An ounce of prevention is worth a pound of cure and this especially applies to plant pests and diseases. The care of the plants in tying up should commence as soon as possible as the careful training of the young growth will be a great help to the future production of good stock. Roses usually take about four months on own root stock and three months on grafted stock from the time of benching before we can commence to cut any flowers. It should be our idea to get a crop of flowers in September and again the last of October. This will bring our plants in crop for the holidays. It takes four to six weeks between crops in the fall and almost eight weeks in November and December.

If Easter lilies are to be grown, and some flowers are wanted in January, then for that purpose the Formosum lily should be planted, but for Easter itself the Giganteum is the best. Also the latter is the best lily for cold storage purposes. Our bulb stock should all be potted or planted in flats as soon as received and placed outdoors covered with a good mulch. The cutting of flowers should be done twice a day—the main cut will be in the morning.



BOSTON FERNS AS WINDOW BOX PLANTS.

operations. This soil should be mixed the previous fall and left in a pile all winter so as to get well mellowed. When the soil pile is being made, it should be composed of at least one-third well rooted manure and one-quarter good fibrous sod—the balance good block soil with about 20 per cent of clay in it. This should be thoroughly mixed both when put up in the pile and again when ready to spread on the benches. A soil pulverizer should be used if possible. This will give us a splendid bench soil for the growing of either roses or carnations. Our plants for own use should be the very best that can be procured. Our own firm has found out from years of experience that the very best young plants that we can grow we must save for ourselves. We have made a practice of keeping track of the best blooming plants in the benches of both roses and carnations and propagating exclusively from that stock. By carefully following this plan, we have raised the flowering quality of our plants fully 10 per cent over our former average.

I want to impress this point on every greenhouse man that the very best young stock possible is the cheapest in the end and the stronger and larger the stock is at the time of planting the better the results will be that are obtained. As a general rule, early planting is always advisable. With roses, replanting should start by June 1, and be completed by not later than the middle of July. In a large place, some replanting is done in April and May in order to commence cutting new stock in August. With carnations, I would advise the planting of part of the stock indoors. Those plants that have been grown in the field should be well cared for and constantly cultivated. Pinching in the field is necessary so that our plants will be well

during the cool nights of August and the early fall. The fires should be started just as soon as the night temperatures drop to 50°, as otherwise mildew will form. The wood and foliage of the young grafted plants is much softer than similar plants of own root stock and in consequence is more susceptible to a cold night. In the early stages of growth in the benches, we must remember that our young plants are simply a large family of children and they require the most careful attention to develop good strong bodies. We must be careful as to their food and drink, seeing that they have plenty of water, good food and plenty of fresh air. The soil around the plants in summer should be scratched over with a hand scratcher and by the last of August a light mulch of manure should be put on the benches to keep the soil from baking and cracking, for by this



PELICANO, ROSSI & CO.'S DISPLAY AT THE SAN FRANCISCO SHOW, MARCH 30, 1911.



M. H. WALSH'S RAMBLER ROSE GARDEN AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25

The flowers should be carefully sorted and graded and placed in jars of water in a cool cellar. In these days when ice can be put up so cheaply, it is advisable where the cut of flowers is quite large to have an ice house with a flower cellar underneath. Ice can be cut and stacked away in an ice house for from 50 cents to \$1.00 per ton depending upon the distance it has to be hauled. An ice house holding 100 tons of ice well packed with hay will carry through the whole season if not opened. The saving of flowers and improvement of quality by storing the flowers in an ice chilled cellar, will pay for the ice several times over. An increase of glass beyond capacity of taking care of same should be avoided. The increase of boiler capacity should always be first considered, also the care of the new stock—the means of handling the product and various little details connected with the business should be perfected before new glass is built. A moderate amount of glass will bring better returns in proportion than a large amount imperfectly cared for. A too rapid increase of glass should be avoided as it is the rock on which so many florists have stranded.

#### Easter Business.

MERIDEN, CONN.—The Blatchley Co. advises us that the increase in the Easter business was more than 50 per cent over the previous year. The prices were about the same, and the stock of both plants and cut flowers was large enough to meet the demands, there being some plants left over owing probably to the bad weather. Flowering plants sold well, there being but little call for ferns and decorative stock. The cut flower buyers wanted carnations, sweet peas, gardenias and violets, with not so large a call for roses. There was a great demand for sweet peas and violets there not being near enough to fill all the orders.

Snow storms and cold weather caused the loss of a large amount of business and also made deliveries difficult.

AERDEEN, S. DAK.—The Easter business this year was considerably less than that of 1910, about 40 per cent, says Richard Strohmeier. The prices were about the same as last year, and there was plenty of stock of both plants and cut flowers to meet the demands. The large plants sold slowly, the call being for the smaller and cheaper grades. Roses, lilacs, violets and tulips sold the best in cut flowers, and carnations were the slowest sellers. There seemed to be a considerable shortage of money as was made evident by the small number of cash sales. The gale which blew Friday and Saturday may have had some effect in cutting down the sales.

TERRE HAUTE, IND.—N. B. & C. E. Stover report that the sales at Easter show an increase of 25 per cent over the preceding year. The supply of cut flowers was about equal to the demand with prices about the same, the largest call was for carnations, cut lilies being in small request. There could have been a great many more plants sold had they been on hand, at least a third more, the call for hyacinths and spring blooming plants was the greatest, while lilies did not seem to be greatly desired. The high wind of Saturday was a disagreeable feature, making safe deliveries difficult, but otherwise the weather was fine.

DENVER, COLO.—The Park Floral Co. states that the sales at Easter will show an increase of 10 per cent over the previous year. The prices were no higher than in 1910, and the supply of plants was equal to the demand and the same was also true of cut flowers, with the exception of carnations and American Beauty roses. In the plants, roses and lilies sold well, but azaleas were a little slow. Carnations were the popular cut flowers and had the largest call, bulb stock moved very slowly.

SAVANNAH, GA.—A. C. Oelschig & Sons report that the sales at Easter this year were about the same as last, with prices no better. Easter was very late and all the azaleas and bulbous stock were through blooming, which made the supply of plants very short and any white flowering plants would have sold had we possessed them. The supply of cut flowers was good and roses, carnations and lilies were the ones most desired.

GAINESVILLE, GA.—J. E. Jackson says that there was an increase of 25 per cent in the Easter trade this year over that of 1910. Stock of all kinds was a little short, there not being enough of either plants or cut flowers to supply the demand, and prices ruled a little higher. Blooming plants sold very well and the calls for roses and carnations exceeded the other cut flowers.

PORTLAND, ORE.—About 20 per cent increase over the Easter business of 1910, is the statement of Clarke Bros. The supply of both plants and cut flowers was good, with prices about the same as last year. The only shortage was of violets, which were almost out of season. Plants sold well especially lilies and Rambler roses.

MERIDIAN, MISS.—The demand for all seasonable flowers was much greater this Easter than ever before, writes Mrs. N. G. McKinney, especially was there a large demand for lilies. There is a great need of more wholesale flower stores in the south. A recent death in the family has placed us in a position where there was but little time for business.

HAGERSTOWN, MD.—H. A. Eester & Son state that the Easter business was 30 per cent greater than last year and the prices were also better. There were not enough of either plants or cut flowers to meet the demand and everything sold well. All the blooming plants were disposed of and there was a good demand for all the cut flowers.

PERTH AMBOY, N. J.—Frank Vanderliev has opened a florist store at 201 Main street.



# THE AMERICAN FLORIST

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 the old address at the same time.  
 Advertising rates on application.

From the first issue the AMERICAN FLORIST has  
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 if possible), as we go to press Wednesday.

We do not assume any responsibility for the  
 opinions of our correspondents.

THE AMERICAN FLORIST,  
 440 S. Dearborn St., CHICAGO.

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CANNA plants are in good demand.

The first flower trade reference to  
 Mothers' day appeared in the issue of  
 THE AMERICAN FLORIST, May 16, 1908.

The lack of information as to the  
 working of the new law is delaying the  
 shipment of such foreign insecticides as  
 fir tree oil, etc.

The annual report of the Board of  
 Commissioners of Tower Grove Park,  
 St. Louis, Mo., is published in pamph-  
 let form and fully describes the work  
 and expense of maintenance of this  
 beauty spot for the citizens of that  
 city.

The Report of the Dominion Horti-  
 culturist issued by the Canada Depart-  
 ment of Agriculture has been received,  
 which is a detailed report of the yearly  
 work of W. T. Macoun, horticulturist  
 at the Central Dominion Farm, which  
 included the investigation of plants and  
 crop diseases, examination of new fruits  
 and vegetables and experiments with  
 spraying formulas in combating fung-  
 ous diseases and insect pests.

The preliminary prize list of the St.  
 Louis Horticultural Society for the fall  
 exhibition which will be jointly held  
 with the Chrysanthemum Society of  
 America at St. Louis, Mo., November  
 7-11, 1911, is received. Prizes are  
 awarded for plants, chrysanthemums  
 and other cut flowers, floral displays  
 and fruit. Special premiums are do-  
 nated by William Wells & Co., Elmer  
 D. Smith & Co., Jerome Jones, Chas. H.  
 Totty, Henry A. Dreer, The Foley Man-  
 ufacturing Co., Vaughan's Seed Store,  
 Peter Henderson & Co., Lord & Burn-  
 ham Co., E. G. Hill Co., Hitchings &  
 Co. and the Chrysanthemum Society of  
 America. A copy may be had by ad-  
 dressing Otto G. Koenig, secretary.

## American Institute of New York.

The fall exhibitions of the American  
 Institute of the City of New York will  
 be held in the rooms of the Institute as  
 follows: dahlia, fruit and vegetable  
 show, September 19-21; chrysanthemum  
 show, November 1-3, 1911.

WM A. EAGLESON Sec'y.

## Ladies' Society of American Florists.

The President, Mrs. J. V. Phillips ap-  
 points as an introduction committee to  
 serve at Baltimore, the following  
 ladies: Mrs. E. V. Boone, Baltimore,  
 Md., chairman; Mrs. James Glass, Bal-  
 timore, Md.; Mrs. Richard Vincent, Jr.,  
 White Marsh, Md.; Mrs. W. F. Gude,  
 Washington, D. C.; Mrs. J. R. Freeman,  
 Washington, D. C.

MRS. CHAS. H. MAYNARD, Sec'y.

## American Gladiolus Society.

There has recently been organized in  
 England the National Gladiolus Society  
 and I am informed by the secretary, K.  
 Atkinson, Locksheath, Southampton  
 that they are working very much along  
 the same lines of the American Gladi-  
 olus Society, and will gladly co-operate  
 with us for the interest and advance-  
 ment of the gladiolus. I hope to give  
 at an early date further particulars  
 concerning this new society. Now  
 then: Germany and France, and then  
 all together—an international society  
 of the gladiolus is here.

The Henry F. Mitchell Co., Phila-  
 delphia, has offered for our Baltimore  
 exhibition a silver cup, valued at \$25  
 to be awarded for the best 25 spikes of  
 the new gladiolus, Kunder's Glory  
 exhibited in one vase.

L. MERTON GAGE, Cor. Sec'y.

## Mothers' Day.

In the proclamation for Mothers'  
 day by Gov. Shallenberger of Nebraska  
 is this beautifully worded paragraph:  
 "The idea of Mothers' day is not idle  
 sentimentalism. It has been called 'the  
 highest bit of practical sentiment that  
 has ever taken hold of the hearts of  
 men.' A tribute to the mother's love  
 resolves itself into a tribute to the  
 mother's law, and recognition of the  
 mother's law means love for country,  
 for comrades and for God." Gov.  
 Mann of Virginia in his proclamation  
 says "No state is greater than its  
 mothers." Gov. Sloan of Arizona says,  
 "What greater woman is there on earth  
 than one's own mother?" Gov. Norris  
 of Montana adds to his proclamation,  
 "Any movement that tends to add an-  
 other star to the crown of glorious  
 motherhood has my sincerest good  
 wishes"

"The Mothers' day movement is for  
 all men, women and children of mother-  
 loving hearts. Send your name to the  
 founder of the day and in honor of a  
 good mother help to make Mothers' day  
 and its work world wide." "Live this  
 day as your mother would have you  
 to live it." These are the words and  
 sentiments of the founder of Mothers'  
 day.

## Our Supplements.

Subscribers should see that they get  
 copies of the fine supplementary illus-  
 trations showing high grade design and  
 decorative work. These fine supple-  
 ments should be carefully preserved,  
 as they mean much to the retail flor-  
 ists in dealing with their customers,  
 illustrating as they do the various  
 kinds of work that the everyday florist  
 is called upon to perform.

The papers in which the supplements  
 appear should be likewise preserved,  
 as they contain much valuable data  
 with regard to these special illustra-  
 tions. Subscribers should see that they  
 get every issue, as otherwise they may  
 miss some of this high-grade work.

## American Rose Society.

### REGISTRATION OF AMERICAN ROSES.

At the Boston exhibition it was sug-  
 gested that a registration and record  
 of all the roses that had been origin-  
 ated in America for the last twenty-  
 five years be made by the American  
 Rose Society and to embody the list  
 as a permanent record in the next bul-  
 letin. During the last two years records  
 have been received of several new va-  
 rieties or sports, and the same have  
 been published. We want to go further  
 than that and gather an accurate rec-  
 ord of all the roses, and the stock  
 from which they are obtained, and  
 place the same in a book of registra-  
 tion that would be for general informa-  
 tion. This idea was suggested to the  
 secretary, and in speaking with a few  
 rosarians, the plan was deemed ad-  
 visable if possible to carry out, and  
 therefore I would ask all parties that  
 may have any accurate information  
 bearing on this subject, or who may  
 have been the originator of a new rose,  
 to file a statement with the secretary  
 of the society, with the idea of com-  
 piling an accurate list to be published  
 by the American Rose Society.

The secretary of the Florida State  
 Horticultural Society writes that Flor-  
 ida is a state that should be quite  
 interested in roses and asks for copies  
 of our bulletin.

BENJAMIN HAMMOND, Sec'y.

## Primula sinensis and Obconica.

### ED. AMERICAN FLORIST:

When is the proper time to plant  
 the seeds of *Primula sinensis* and *Pr-  
 imula obconica* to have them in bloom  
 at Christmas? A. L. & S.

The seeds of *Primula sinensis* and  
*obconica* should be sown in March,  
 April or May, according to the size of  
 plants desired, to have them in bloom  
 at Christmas. The earlier sowing will  
 make larger plants and be a little  
 more forward in blooming. The seeds  
 should be sown thinly in well-drained  
 shallow pans, in a soil composed of  
 leaf-mold, loam and sand in equal  
 parts. Cover the seeds lightly and  
 when well watered place the pans in a  
 temperature of 60° and cover with a  
 light of glass. When the young plants  
 have three or four leaves they should  
 be potted off single in small pots and  
 shifted during the summer as required,  
 never letting them get pot bound, and  
 in their blooming pots by the last of  
 September. During the summer a  
 shaded frame is preferable to the  
 greenhouse for their culture. W.

## Meetings Next Week.

Baltimore, Md., May 8, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.

Butte, Mont., May 12.—Montana Florists' Club, Columbia Gardens.

Chicago, May 10.—Gardeners' and Florists' Union 10615, 10 and 12 Clark street.

Cincinnati, O., May 8, 8 p. m.—Cincinnati Florists' Society, Judge Elliott Flower Market.

Cleveland, O., May 8, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2610 Detroit avenue.

Davenport, Ia., May 11.—Tri-City Florists' Club, home of Henry Paul.

Hartford, Conn., May 12, 8 p. m.—Connecticut Horticultural Society, County building.

La Crosse, Wis., May 9.—La Crosse Gardeners' and Florists' Society, Hotel Stoddard.

Madison, N. J., May 10, 8 p. m.—Morris County Gardeners' and Florists' Society, Madison hall.

New York, May 8, 7:30 p. m.—New York Florists' Club, Grand Opera House building.

New York, May 10, 4:00 p. m.—Horticultural Society of New York, American Museum of Natural History.

Omaha, Neb., May 11, 8 p. m.—Omaha Florists' Club, City Hall.

Rochester, N. Y., May 8, 8 p. m.—Rochester Florists' Association, 97 Main street, east.

Springfield, O., May 8.—Springfield Florists' Club, office of the Good & Reese Co.

St. Louis, Mo., May 11, 8 p. m.—St. Louis Florists' Club, Odd Fellows building, 9th and Olive streets.

Toledo, O., May 10.—Toledo Florists' Club.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—By all-around florist: life experience; married; exceptional references. J. HODGE, 42 West St., Pittsburg, Mass.

**Situation Wanted**—Experienced saleslady; wishes to secure a situation in a Chicago florist store. State wages. Address Key 444, care American Florist.

**Situation Wanted**—By young man: 8 years experience in growing and general work; central or western states; references if wanted. Address Key 445, care American Florist.

**Situation Wanted**—Position as grower of high grade roses, carnations and general cut flowers and plants, by a married man of family; best of references from former employers. Address FLORIST, 1650 Gilbert St., Grand Rapids, Mich.

**Situation Wanted**—As working foreman by a thoroughly capable grower of roses, carnations, mums, and all kinds of greenhouse and tropical plants and bulbs and the forcing of the same; references. Address Key 433, care American Florist.

**Situation Wanted**—First class gardener and florist; single man; on a private place 17 years' experience in flowers, fruit, vegetables and green house; Swede; speaks German; 8 months in this country; references in Sweden, Germany and United States. Address Key 439, care American Florist.

**Help Wanted**—At once, young man of neat appearance as assistant store clerk; must have had experience; state wages expected; references required. JOHN RICKS & SONS, Bridgeport, Conn.

**Help Wanted**—I want a first-class man for roses, carnations, chrysanthemums, and pot sales; will pay high wages to a high grade man who can make good; unless you can furnish first-grade references and mean business don't bother me. BYRON H. IVES, Albuquerque N. M.

**Help Wanted**—Competent, sober man to grow bulbs, pot plants and bedding stock; must know how to do a good job of bedding out; \$15.00 a week to start; prefer a married man who would appreciate a permanent position and fair, square dealing; the business is long established and thriving and amply able to pay more wages to the man who shows by results that he is worth more; give full particulars in first letter. GREN'S GREENHOUSES, Fremont, Nebr.

**For Sale**—A good paying greenhouse in leading southern city; large stock. For particulars address Key 437, care American Florist.

**For Sale**—New double strength glass, high quality, 50 boxes 16x12 D. S. B. at \$1.95 per box; 60 boxes 16x24 D. S. B. at \$2.10 per box. J. V. DAVIS, Davenport, Iowa.

**For Sale**—4,000 feet of glass; hot water heat; city water; with or without dwelling; fine location in northern Illinois; city of 50,000; value increasing rapidly; a bargain.

Address Key 441, care American Florist.

**For Sale**—6 greenhouses, 10,500 sq. ft. glass; steam heat, county seat of 6,000; no competition; fine location; good cause for selling; 10-room residence; write me if you want a location cheap. Terms to suit. W. BRISCOE, Tipton, Ind.

**For Sale Cheap**—Falling health; 9 1/2 acres with 2 greenhouses (2x100); 75 snsh. house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile; 20,000 population. N. NEV, Second Avenue, Appleton, Wis.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**Wanted**—At once experienced store man with some knowledge of plants. Inquire J. W. NISSEN, 304 E. 47th St., Chicago, Ill.

**Wanted to Rent**—3 or 4 greenhouses by Sept. 1 near Chicago for 5 years. State all particulars in first letter. Address Key 438, American Florist.

**Wanted**—A first class rose grower to take charge of a place of 35,000 feet of glass, where miscellaneous stock is grown; married man preferred; send references and wages expected. Address Key 442, care American Florist.

## WANTED

Seedsmen who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Address Key 440, care American Florist.

## Private Place--Gardener.

Is open to engagement; has a thorough knowledge of all branches, including landscape work, flower and fruit growing, lawn and park work, greenhouse management, etc.; best references, Key 426, care American Florist.

## FOR SALE.

Small but good business; greenhouse, 26x50, cottage, 60 feet hot beds; in city limits in fast growing town in Oklahoma. No competition within 60 miles, \$1000.00 if taken at once. Address Key 425, care American Florist.

## FIRST CLASS STOREMAN.

Capable of taking charge wishes to secure a situation in some up-to-date florist store; can furnish the best of references. Do not answer unless you want an Al man and willing to pay the right wages. For further particulars address Key 443, care American Florist.

## NURSERYMAN

Thoroughly experienced in landscape work and in the propagation and culture of nursery stock, including trees shrubs and hardy herbaceous perennials desires permanent position with western nursery concern specializing in these lines. For further particulars address Key 427, care American Florist.

## Wanted

A man in every county in each state to sell UNIQUE HEDGE TRIMMERS, the best selling proposition ever offered, now being advertised in Country Life in America, House and Garden, Garden Magazine, Suburban Life and extensively by circular Fountain Cutlery Co.,

38 Hutchison Street, Philadelphia

## For Sale

Only retail flower store in booming city of 20,000. Double track car service to Detroit, twenty-five miles. Will sell stock, fixtures and goodwill, with or without greenhouse property.

A. B. LEWIS, Pontiac, Mich.

## Grower's Establishment.

18,000 sq. ft. of glass, dwelling with all improvements; stable, city water and gas; over 18 city lots. Well situated at Maspeth, L. I. Excellent condition. Sell cheap on account of owner's illness. Inquire

WM. H. SIEBRECHT, Jr., 277 Broadway, NEW YORK CITY

## Offer Them Now

## ALL SPECIALTIES

For Cemetery Use  
All Bedding Plants  
Window Box Stock  
Plants for Vases

The season is three weeks early, and the growers will get left who do not clean out their surpluses

## WHILE DEMAND IS STRONG



# A Big Crop of Beauties

## And Roses Now On

Special Select White Carnations for Mothers' Day, May 14, 5 cents.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

| AMERICAN BEAUTIES |         | Per doz. |
|-------------------|---------|----------|
| Extra long.....   |         | \$3 00   |
| 24-36-in.....     |         | 2 00     |
| 15 to 20-in.....  |         | 1 00     |
| 8 to 10-in.....   | 50 to   | 75       |
| Short stems.....  | Per 100 | 2 00     |

| Rhea Reid              |           | Per 100 |
|------------------------|-----------|---------|
| Extra long select..... |           | \$ 8 00 |
| Good length.....       |           | 6 00    |
| Medium length.....     | \$4 00 to | 5 00    |
| Short.....             |           | 3 00    |

**Maids, Maryland, Killarney,  
White Killarney, Kaiserin and Richmond.**

|                        |           | Per 100 |
|------------------------|-----------|---------|
| Extra select.....      |           | \$ 8 00 |
| Good length.....       |           | 6 00    |
| Medium length.....     | \$4 00 to | 5 00    |
| Good short length..... | 2 00 to   | 3 00    |

| CARNATIONS                      |            | Per 100 |
|---------------------------------|------------|---------|
| Fancy pink, white and Red.....  |            | \$3 00  |
| Fancy seconds.....              |            | 2 00    |
| <b>HARRISII LILIES</b> .....    | per doz.   | 1 00    |
| " ".....                        |            | 8 00    |
| Lily of the Valley.....         | \$3 00 to  | 4 00    |
| Select Pink and White Peas..... | 1 00 to    | 1 50    |
| Adiantum.....                   |            | 1 00    |
| Asparagus.....                  | per string | 50      |
| Asparagus Sprays.....           | 3 00 to    | 4 00    |
| Ferns, New Southern.....        | per 1000   | 3 00    |
| Galax, Green.....               | per 1000   | 1 00    |
| " Bronze.....                   | per 1000   | 1 00    |
| Smilax.....                     | per doz.   | 2 50    |

Good Assortment of Roses in lots of 500 at the rate of \$15.00 per 1000.

By Direct of the Grower and Get Fresh Stock

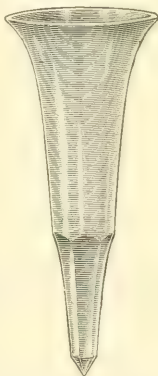
## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### AN IMMENSE SUPPLY.

The end of April and first of May has been marked by a succession of cold, stormy days and generally disagreeable weather, and this with it being moving week for a large proportion of the residents of the city has not been conducive to any great amount of business. It has been stated that it is a great deal easier to comment on the items that are scarce or in good demand than to catalogue the ones that are in over-supply. Such being the case, there would be little to say of the market at the present time, for there is plenty of everything, in fact, an oversupply of all kinds of stock, and prices of all grades are low. The only items upon which the prices are at all firm are smilax and hardy ferns, but of flowers there is far too many. The rose market is actually flooded, but the last few days of cloudy, cold weather has shortened up the cut to some extent and prices were a little firmer, yet there is more than enough to go around. American Beauty is in good crop with all the growers and there is plenty of long, medium and short; close, tight and open; and excellent, good, bad and indifferent, yet most of the stock is of first class quality. Of Killarney and the teas and hybrid teas the shipments are immense, box after box of splendid stock is received at the stores. Carnations are to be found in large quantities, especially Enchantress, of which there are more than can be handled. The call for white carnations for Mothers' day promises to be large. Some of the florists have been informed that the commemoration of Mothers' day will be on May 8 and have placed orders for that date, but the proper day is May 14, which is the day named in the proclamations. Violets are out of the market, but arbutus is to be had and sweet peas are being used in large quantities



## Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.  
Can be supplied in green or white.  
Doz., \$2.50; barrel of 3 doz., \$6.00,  
f. o. b. Chicago.

## Vaughan's Seed Store,

CHICAGO:

31-33 W. Randolph St.

NEW YORK:

25 Barclay St.

### NOTES.

both for corsages and for weddings, but there is a good supply being received of all colors and of excellent quality. The quantity of orchids is not excessive, there being about enough to meet the demand. Of the lesser flowers there is fine antirrhinum, mignonette, gladiolus, calendulas, pansies, Spanish iris, and outside bulbous stock. To swell the already large supply shipments of southern outside stock are being received, peonies, lilacs, viburnums, cape jasmines and other hardy stock are to be seen at the wholesale stores. The green market is not overstocked, while there is plenty of asparagus, both plumose and Spenceri, yet smilax is short, and hardy ferns are quoted at good prices. The new crop of southern ferns is coming in, but the prices will probably not drop materially until after Memorial day.

W. E. Lynch, for many years manager at E. H. Hunt's, is embarking in the greenhouse business on West Twenty-second street, near Harlem, where he will start with three new houses 28x25 feet, even span, Foley construction. The Foley Mfg. Co. reports many contracts on hand in addition to that of Mr. Lynch, including one of four houses for the Meredith Floral Co., Libertyville, in which there is one show house 20x82 feet and four growing houses, three of them 27½x200 feet, and one 35x100 feet. The Foley material supplied this season for the Poehlmann Bros. Co.'s 26 new houses is all delivered and most of it is up.

Thorley of New York is reported to have an advance agent in town with a view to opening a branch store here.

# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

## Extra Fine Long Roses

**\$30.00 per 1000**

## Extra Fine Medium Roses

**\$20.00 per 1000**

## Extra Fine Short Roses

**\$10.00 per 1000**

### CURRENT PRICE LIST:

| AMERICAN BEAUTIES        | Per Doz.       |
|--------------------------|----------------|
| Extra Select             | \$3.00         |
| Medium                   | 2.00           |
| Short                    | .75 to 1.50    |
|                          | Per 100.       |
| KILLARNEY, special       | \$10.00        |
| Fancy                    | 8.00           |
| Medium                   | \$4.00 to 6.00 |
| Good Short               | 3.00           |
| RICHMOND, special        | 10.00          |
| Fancy                    | 8.00           |
| Medium                   | \$4.00 to 6.00 |
| Good Short               | 3.00           |
| MY MARYLAND, special     | 10.00          |
| Fancy                    | 8.00           |
| Medium                   | \$4.00 to 6.00 |
| Good Short               | 3.00           |
| WHITE KILLARNEY, special | 10.00          |
| Fancy                    | 8.00           |
| Medium                   | \$4.00 to 6.00 |
| Good Short               | 3.00           |

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| PERLE, long                                        | Per 100.                 |
| Medium                                             | \$6.00                   |
| Our Extra special grade Roses charged accordingly. |                          |
| CARNATIONS FOR MOTHERS' DAY                        |                          |
|                                                    | \$4.00 to \$6.00         |
| CARNATIONS, fancy                                  | \$3.00                   |
| firsts                                             | 2.00                     |
| ORCHIDS, Cattleyas, per doz.                       | \$6.00 to 7.50           |
| HARRISII, per doz., \$1.50                         | \$8.00 to 10.00          |
| CALLAS, per doz., \$1.50                           | \$8.00 to 10.00          |
| IRIS                                               | 6.00                     |
| VALLEY                                             | \$3.00 to 4.00           |
| MIGNONETTE, large spikes                           | 4.00                     |
| SWEET PEAS                                         | \$0.75 to 1.00           |
| ADIANTUM CROWEANUM                                 | 1.00                     |
| SMILAX                                             | Per doz., \$2.50 to 3.00 |
| SPRENGERI, PLUMOSUS SPRAYS                         | \$3.00 to 4.00           |
| PLUMOSUS STRING                                    | each .60                 |
| FERNS                                              | per 1000 4.00            |
| GALAX                                              | per 1000 1.25            |
| LEUCOTHOE                                          | per 100 .75              |
| BOXWOOD, per bunch, 35; per case of 50 lbs.        | 7.50                     |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other



**U S Budlong's**  
**E Blue Ribbon Valley.**

**Source of  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**We Have What U Want**  
**Send Us Your Orders.**

**For Your Wedding Bouquets Be Sure to Order Our Fancy Sweet Peas.**  
**Quality speaks louder than prices.**

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES  
and CARNATIONS  
A Specialty.....**

**WHOLESALE  
GROWER OF**

**CUT FLOWERS**

**L. D.  
Phone  
Central  
3120**

The store at 56 E. Randolph street in which was located the Flower Growers' Market will be occupied by Percy Jones, and a branch store of Kennicott Bros. Co. E. E. Fleser of the latter concern and H. Van Gelder of the former will establish the Chicago Flower Growers' Exchange where the growers can dispose of their products on a 1-2 per cent commission basis. The exchange will furnish counter space, ice box and the necessary business paraphernalia, and supply to the growers a list of credit-customers whose accounts they guarantee and collect and on all such accounts make weekly payments. The growers embracing this offer will be under no expense except the commission on their sales.

Sol. Garland is one of the prominent growers who has planted out his carnations this week. He will not grow white varieties as extensively as in the past, as he believes there will be an overproduction of white the coming year. This belief is strengthened by the fact that in nearly all the orders received for rooted cuttings, White Enchantress or some other standard white variety is included. Although there is a good demand for white at certain periods during the year, he has found that some of standard colored varieties average better returns. In conclusion Mr. Garland says that but one-fifth of his carnations this year will be white. Foreman Sauerland has the plants in the greenhouses in splendid condition.

Fred A. Chapman, the hustling foreman for the Grand Rapids Greenhouse Co., of Grand Rapids, Mich., visited Poehlmann Bros. Co.'s greenhouses on April 27. He spoke very highly of the splendid condition of the plants, especially the Killarney roses, which are now in full crop. Mr. Chapman returned home the day following.

Fred Lautenschlager, the hustling representative for Kroeschell Bros. Co., has returned from a most successful eastern business trip. He informs us that Kroeschell Bros. Co. will furnish the piping system, and a Number 17 hot water boiler, for Fred Stielow's new range of greenhouses at Niles Center.

On April 28, a seven pound baby boy was born to E. B. and Mrs. Washburn.

**Call and See Us**

**AT OUR NEW  
STORE AT 30 E. Randolph Street**

**WE HAVE A FULL LINE OF**

**Cut Flowers and Greens**

**and are prepared to fill all orders. Our Beauties are  
the talk of the Market.**

**BATAVIA GREENHOUSE CO.**

**GREENHOUSES:  
Batavia, Ill.**

**STORE, 30 E. Randolph St., CHICAGO  
O. JOHNSON, Salesman.**

At the birth of the child there were living five generations on the mother's and four on the father's side of the family. C. L. Washburn is the happy grandfather.

Chas. W. McKellar and wife left Sunday, April 30, for Hot Springs, Ark., where he will take the regular course of treatment at that famous resort. Frank Ayres is in charge at the store during his absence.

Chas. Drissler, the popular young storeman of Wietor Bros., is the proud father of a 12-pound baby girl which arrived at his home on Thursday, April 27. The mother and child are both doing nicely.

James Novak has accepted the position as foreman with Wietor Bros. and now has charge of their large range of greenhouses. Mr. Novak is an experienced grower and comes well recommended.

O. W. Frese, the well known salesmen of Poehlmann Bros. Co., and Miss Josephine H. Truede were quietly married April 29. Congratulations are extended to the happy couple.

H. C. Blewitt, who has been confined to his home for the past six months with rheumatism, has recovered sufficiently to be about and is again seen in the local market.

J. B. Deamud returned from a flying business trip to St. Louis on Friday.

April 28. An exceptionally fine grade of arbutus and gladioli are leaders at the store this week.

The regular meeting of the Florists' Club will be held at the Union Restaurant, Randolph street, between Dearborn and Clark street, Thursday evening, May 4, at 8 p. m.

Weiland & Risch were among the early ones to plant out their carnations. Dorothy Gordon will be grown quite extensively at this establishment the coming season.

Harry Manheim says that Hoerber Bros. are having a good call for sweet peas, especially for the "butterfly" variety, which are of unsurpassed quality.

The Des Plaines Floral Co. shipped several large orders of rooted carnation cuttings last week to South Carolina, Texas and Montana florists.

The body of Henry Werner, a driver for N. C. Moore & Co., was found in an empty lot at Morton Grove, Friday, April 28.

Frank Felke of Wilmette has an exceptionally fine stock of S. A. Nutt geraniums, mostly in 4-inch pots.

Manager Pyfer says that the Chicago Carnation Co. is planting out 300,000 carnation cuttings this week.

Fletcher James of Des Plaines is putting up one of Geo. M. Garland Co.'s iron frame houses.

# Large Crop of Beauties

And **Roses** of all the **Best Varieties**. The quality is perfect and there are no better flowers coming into this or any other market.

A **Large Supply** of **CARNATIONS** for **MOTHERS' DAY**.

Extra Fancy White, \$4.00 to \$5.00 per 100; Colored \$3.00 per 100.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz. |
|-----------------------|----------|
| Extra long stems..... | \$4 00   |
| 36 inch stems.....    | 3 50     |
| 30 inch stems.....    | 3 00     |
| 24 inch stems.....    | 2 50     |
| 20 inch stems.....    | 2 00     |
| 15 inch stems.....    | 1 50     |
| 12 inch stems.....    | 1 00     |
| Short stems.....      | 75       |
|                       | Per 100  |

|                      |                              |
|----------------------|------------------------------|
| Richmond.....        |                              |
| Killarney.....       | Select.....\$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 3 00 to 4 00     |
| Mrs. Maryland.....   |                              |
| Mrs. Field.....      |                              |
| Uncle John.....      | Select..... 6 00 to 8 00     |
| Bride.....           | Medium..... 3 00 to 4 00     |

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Ivory.....                | } Select.....\$6 00 to \$ 8 00<br>Medium..... 3 00 to 4 00 |
| Sunrise.....              |                                                            |
| Perle.....                |                                                            |
| Roses, our selection..... | 3 00                                                       |
| Carnations.....           | 2 50                                                       |
| Fancy.....                | 3 00                                                       |
| Harrisil.....             | 10 00 to 12 00                                             |
| Valley.....               | 3 00 to 4 00                                               |
| Sweet peas.....           | 75 to 1 00                                                 |
| Tulips.....               | 3 00 to 4 00                                               |
| Adiantum.....             | 1 00                                                       |
| Asparagus, per bunch..... | 50                                                         |
| Ferns, per 1000.....      | 3 50 to 4 00                                               |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

New No. 30 E. Randolph St., CHICAGO.

Lord & Burnham's new factory at Des Plaines is now in operation and Manager Sykes, in addition to much other work on hand, is busy with the material for four sectional iron frame vegetable houses for J. W. Davis, Danport, Ia. Three of these houses will be 43x600 feet and the other 24x260 feet. This, however, is only the beginning of the Davis establishment, which it is proposed to make one of the most extensive and up-to-date vegetable growing plants in the west. The iron frame house is gaining favor with the western growers.

The Milwaukee Florists' Club Bowling League will be the guests of Chicago Florists' Club on Sunday, May 7, when a return match will be played at Bensinger's alleys, East Monroe street. It is planned to give the Milwaukee boys a warm reception and a dinner is planned to be held at the Hofbrau to which the members of the Florists' Club are invited, that the courtesies of the city may be tendered to their guests. All who desire to participate should notify Allie Zech before Saturday evening, May 6.

The A. Dietsch Co. will furnish the material for a new house 20x100 feet that E. T. Wanzor of Wheaton, Ill., will erect this season. This firm also has an order for two houses from G. Van Bochove & Bros. of Kalamazoo, Mich.



## ORCHIDS

**:: A Specialty ::**

A fine stock of **Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**  
162 N. Wabash Avenue,  
**CHICAGO.**

John Kruchten was one of the many residents who had to be absent from his place of business moving his house-

hold furniture on moving day, May 1. Frank Johnson of the A. L. Randall Co., is away on a business trip.



# Fancy Ferns, - \$2.50 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

The House of Flowers, or the Source of Supply, whichever name one may call it, consists of a number of growers now located on the second floor of the building 82-86 East Randolph street. J. A. Budlong, Sinner Bros., Hunt Bros., M. C. Gunterberg, A. E. Hunt & Co., H. C. Blewitt, Sidney Wiffin and Mrs. Frank Beu, all have space on this floor where now practically everything seasonable in the cut flower line can be obtained.

Miss Henrietta Reinberg, daughter of George Reinberg, and Arthur Graben Krueger, were married in this city Wednesday morning, May 3. A reception was held at the home of the bride's parents, after which the happy young couple left for an extended trip in the east. Their many friends wish them a safe voyage on the sea of matrimony and may all their troubles be little ones.

Miss H. V. Tonner and D. E. Freres found no trouble in disposing of their stock this week in their new store, room 222 at 30 East Randolph street. Miss Tonner reports a good demand for Spanish iris of which she is handling a large quantity.

The Geo. M. Garland Co. has closed a contract to furnish the gutters for the new range of five houses that Henry Smith of Grand Rapids, Mich., will build this season. They will also furnish the material for two houses that J. B. Goetz's Sons will erect at Saginaw, Mich.

The trials of Dutch bulbous stock at Vaughan's greenhouse grounds are now at their best and well worth seeing by the trade. It is the custom of this firm to test all their importations of commercial strains used for its florist trade.

The force at Peter Reinberg's is very busy filling the large number of orders for the choice grade of American Beauty roses. The cut of these is quite heavy now and a large quantity can be seen at the store every day.

The office of John McWeeny, the new chief of police, was filled with flowers and floral pieces when he entered upon his duties May 2. Prominent among the designs was a floral chair and an American flag made of flowers.

The Batavia Greenhouse Co. is showing an exceptionally fine grade of American Beauty roses at their new store at 30 East Randolph street. W. O. Johnson is now in the employ of this firm.

N. P. Miller will, on May 6, resign his position as salesman with the J. B. Deamud Co. It is rumored that he will accept a similar position with another wholesale house in the local market.

J. A. Budlong's out of town customers must be well pleased with the quality of stock that they are receiving, for this firm's shipping trade is very large.

## "The Busiest House in Chicago"

Peonies now in; also first-class  
 Roses and Carnations.

## J. B. DEAMUD CO.

Long Distance Phone  
 Central 3155

160 N. Wabash Ave., CHICAGO

Robert Northam says that George Reinberg's Richmond roses are bringing fancy prices these days, this is not surprising for they are of excellent quality.

George Asmus has donated \$25 toward the expenses of the bowling team that will represent the Florists' Club at the convention at Baltimore.

W. W. Goodell has accepted a position as shipping clerk with Vaughan & Sperry, entering upon his duties May 1.

E. E. Pieser left Monday evening, May 1, for Villa Ridge to look over Spalding & Son's 34 acre peony farm. C. W. Erbe is succeeding W. E. Lynch as manager of E. H. Hunt's cut flower department.

The People's Florist have moved from 1530 to 1736 West Forty-seventh street.

Visitors: J. A. Peterson, Cincinnati, O.; L. W. C. Tuthill, of the Tuthill Advertising Agency, New York, N. Y.

KANSAS CITY, Mo.—In the organization of a stock company for the purpose of purchasing a home, where it is proposed to make the interstate fair a permanent institution. Alpha Elberfeld, the well known florist, asked to have his name placed on certificate No. 1 for \$1,000.

BELLINGHAM, WASH.—A 30 per cent increase over the year previous in the trade at Easter, says The Kersey Floral Co. The supply of both plants and cut flowers was enough to meet all the demands, and the prices were about the same as last year, at least, they were no better.

BAR HARBOR, ME.—The Easter trade was practically the same as last year, reports the Mount Desert Nurseries, with no material change in the prices. The supply of both plants and flowers was enough to meet all the demands. In the plants lilies were the most salable and in cut flowers carnations had the call.



Mention the American Florist when writing

## George Cotsonas & Co.

Wholesale and Retail Dealers  
 in all kinds of  
 Evergreens

Fancy and Dager  
 Ferns, Bronze and  
 Green Galax, Holly,  
 Leucothoe Sprays,  
 Princess Pine, Etc.

Delivered to all parts of United States and Canada  
 127 W. 28th St., bet. 6th & 7th Aves., New York  
 Telephone 1202 Madison Square.

## Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and Natural Sheet **MOSES**

Quality and service unequalled.

E. A. BEAVEN, Evergreen, Ala.

SEND US YOUR ORDERS FOR

## HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.  
 Same size cases as Wild Smilax, \$2.50.

Caldwell the Woodsman Co.

EVERGREEN, ALA.

# EXTRA FANCY BEAUTIES

## THE FINEST THE MARKET AFFORDS.

Not only will you find our prices right, but the high quality of the stock we send out will make and keep your customers. Every order gets our personal attention, and we are confident we can give you every satisfaction.

## For Mothers' Day

and others small white, \$3.00 to \$4.00 per 100; Colored varieties, \$2.00 to \$3.00 per 100.

Extra Fancy White  
Carnations, \$5.00 per  
100; Boston Market

### — PRICE LIST —

| BEAUTIES                              | Per doz.       |
|---------------------------------------|----------------|
| Long stems.....                       | \$4 00         |
| 30 to 36-inch stems.....              | \$3 00 to 3 50 |
| 20 to 24-inch stems.....              | 2 50           |
| 15 to 18-inch stems.....              | 1 50 to 2 00   |
| 12-inch stems.....                    | 1 00           |
| <b>Killarney, special</b> .....       | <b>Per 100</b> |
| " fancy.....                          | \$10 00        |
| " good.....                           | \$6 00 to 8 00 |
| <b>White Killarney, special</b> ..... | <b>Per 100</b> |
| " fancy.....                          | 10 00          |
| " good.....                           | 6 00 to 8 00   |
| <b>Richmond, special</b> .....        | <b>Per 100</b> |
| " fancy.....                          | 10 00          |
| " good.....                           | 6 00 to 8 00   |

| Brides and Bridesmaids    | Per 100           |
|---------------------------|-------------------|
| Maryland.....             | \$4 00 to \$ 8 00 |
| Gates and Uncle John..... | 4 00 to 8 00      |
| Perle.....                | 4 00 to 8 00      |
| ROSES our selection.....  | 3 00              |
| ORCHIDS, Cattleyas.....   | 5 00 to 7 50      |
| CARNATIONS.....           | Per 100           |
| special fancy.....        | 2 00              |

| MISCELLANEOUS     | Per 100      |
|-------------------|--------------|
| Jonquil.....      | 3 00 to 4 00 |
| Mignonette.....   | 35 to 75     |
| Spanish Iris..... | 4 00 to 6 00 |

### GREENS

|                                     |                          |
|-------------------------------------|--------------------------|
| Asparagus Plumosus, per string..... | \$0 50                   |
| Sprenger, bunch.....                | \$0 25 to 50             |
| sprays.....                         | 35 to 50                 |
| Smilax.....                         | per doz., 2 50 to 3 00   |
| Fancy Ferns.....                    | per 1000, 4 00           |
| Adiantum.....                       | per 100, 1 00            |
| Galax Leaves.....                   | per 1000, 1 00 to \$1 25 |
| Boxwood.....                        | Per lb., 25c             |

### MISCELLANEOUS

| Callas.....        | Per 100            |
|--------------------|--------------------|
| Easter Lilies..... | \$10 00 to \$12 00 |
| Valley.....        | 3 00 to 4 00       |
| Sweet Peas.....    | 75 to 1 25         |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751

161 N. Wabash Ave., CHICAGO

### Chicago Bowling.

The bowling season closed on April 26, when the Roses bowled the Orchids and the Violets bowled the Carnations. Al. Fisher was so elated over winning the Vaughan & Sperry cup that he invited all those who were present to partake of a substantial spread that he had ordered at the Hofbrau restaurant. To say that Al did it up brown would be putting it mildly for he insisted upon paying for all the refreshments (lemonade) and smokes that followed. After the inner man had been satisfied, appropriate speeches were made, at the close of which a rising vote of thanks was extended to Mr. Fisher for the royal reception he gave the club at the close of its season. Immediately after the spread the prizes won were awarded to the successful participants. As one glances over the list of awards he will find that John Zech, the old warhorse and winner of many a contest, finished third which is a very creditable showing and proves to the younger bowlers that he is still in the ring and far from being all in. John Huebner is another of the old timers who proved loyal to the club and it was mainly through his encouragement that the Orchids, of which team he is captain, finished first. The team prizes were awarded as follows: Orchids, first prize \$25.00; Carnations, second prize, \$15.00; Roses, third prize, \$10.00; Violets, fourth prize, \$5.00. The six highest scores were rolled by A. Fischer, A. Zech, J. Zech, E. Farley, F. Ayers and Friedman and they were each awarded an umbrella, donated by the John C. Moninger Co. The first five named were each awarded a handsome scarf pin, donated by Poehlmann Bros. Co. for having bowled the five highest scores at the end of the season.

# CARNATIONS

## SPECIAL QUALITY FOR MOTHERS' DAY

### PRICE LIST

| ROSES                                   | Per 100                    |
|-----------------------------------------|----------------------------|
| American Beauty.....                    | per doz., \$1 50 to \$6 00 |
| White Killarney.....                    | Per 100                    |
| Killarney.....                          | \$3 00 to \$8 00           |
| My Maryland.....                        | 3 00 to 8 00               |
| Richmond.....                           | 3 00 to 8 00               |
| Extra special roses billed accordingly. |                            |

| MISCELLANEOUS                  | Per 100          |
|--------------------------------|------------------|
| Violets, double.....           | \$0 75 to \$1 00 |
| single.....                    | 50 to 75         |
| Sweet Peas, fancy.....         | 1 25             |
| medium.....                    | 75 to 1 00       |
| Easter Lilies.....             | 10 00 to 12 50   |
| Callas.....                    | 10 00 to 12 50   |
| Valley, select.....            | 3 00             |
| Daisies, special.....          | 4 00             |
| Daisies, white and yellow..... | 1 00 to 2 00     |
| Jonquil.....                   | 3 00             |
| Dafodils.....                  | 3 00             |
| Paper Whites.....              | 3 00 to 4 00     |
| Tulips.....                    | 3 00 to 4 00     |

|                         |                            |
|-------------------------|----------------------------|
| Orchids, Cattleyas..... | per doz., \$6 00 to \$7 50 |
| Gardenias.....          | 3 00 to 4 00               |

| CARNATIONS                    | Per 100          |
|-------------------------------|------------------|
| Special, large and fancy..... | \$4 00 to \$5 00 |
| Select.....                   | 25 to 300        |
| Splits.....                   | 1 00             |

| DECORATIVE                          | Per 100                        |
|-------------------------------------|--------------------------------|
| Asparagus Plumosus, per string..... | \$0 50 to \$0 75               |
| per bunch.....                      | 35 to 50                       |
| Asparagus Sprenger, per bunch.....  | 25 to 50                       |
| Adiantum, fancy, long.....          | per 1000, \$1 00               |
| Farleyense.....                     | 8 00 to 10 00                  |
| Smilax.....                         | per string 20c; per doz., 2 00 |
| Mexican Ivy.....                    | per 1000, 6 00                 |
| Ferns.....                          | 4 00                           |
| Galax.....                          | 1 00                           |
| Leucothoe Sprays.....               | 75                             |

### Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

# Chicago Carnation Co.

A. T. PYFER, Manager.  
Phone Central 3373.

30 E. Randolph St., CHICAGO

| Individual Winners. |            |            |         |
|---------------------|------------|------------|---------|
| Al. Fischer.....    | 170 58-63  | 1st Prize  | \$12.00 |
| A. Zech.....        | 168 56-175 | 2d Prize   | 10.00   |
| J. Zech.....        | 189 51-69  | 3d Prize   | 8.00    |
| E. Farley.....      | 159 64-72  | 4th Prize  | 7.00    |
| F. Ayers.....       | 159 64-78  | 5th Prize  | 6.00    |
| Friedman.....       | 159 60-64  | 6th Prize  | 5.00    |
| Wm. Wolf.....       | 136 51-75  | 7th Prize  | 4.00    |
| Wm. Graff.....      | 158 24-81  | 8th Prize  | 3.00    |
| J. Huebner.....     | 153 55-81  | 9th Prize  | 2.00    |
| J. Degnen.....      | 133 2-54   | 10th Prize | 1.00    |

Al. Fischer, individual champion, silver cup, donated by Vaughan & Sperry.

Al. Fischer, high single score 245, fob donated by Geo. Asmus.

Al. Fischer, high average, three games 206 2-3.

Al. Fischer, high individual score, 245, \$5.

Orchid team, high single game 921, \$5.

Orchid team, high average three games 880, \$5.



# Full Crop of Roses

**Carnations for Mothers' Day** Fancy White.....\$5.00 per 100  
Other Whites and Colored, \$3.00 to \$4.00.

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                                         | Per doz.   |         | Per 100 |
|-----------------------------------------|------------|---------|---------|
| Extra Select.....                       | \$3 00     |         |         |
| 36-inch stem.....                       | 2 50       |         |         |
| 30-inch stem.....                       | 2 00       |         |         |
| 24-inch stem.....                       | 1 75       |         |         |
| 20-inch stem.....                       | 1 50       |         |         |
| 15-inch stem.....                       | 1 25       |         |         |
| 12-inch stem.....                       | 1 00       |         |         |
| Short stem.....                         | 75         |         |         |
| Killarney, select.....                  |            | \$ 5 00 |         |
| "    medium.....                        | \$ 2 00 to | 4 00    |         |
| Jardine (finest pink rose), select..... | 6 00 to    | 8 00    |         |
| "    medium.....                        | 2 00 to    | 4 00    |         |
| Bride, select.....                      |            | 5 00    |         |
| "    medium.....                        | 2 00 to    | 4 00    |         |
| Maid, select.....                       |            | 5 00    |         |
| "    medium.....                        | 2 00 to    | 4 00    |         |

|                            | Per doz.   |         | Per 100 |
|----------------------------|------------|---------|---------|
| Uncle John, select.....    |            | \$ 5 00 |         |
| "    medium.....           | \$ 2 00 to | 4 00    |         |
| Richmond, select.....      |            | 5 00    |         |
| "    medium.....           | 2 00 to    | 4 00    |         |
| Carnations, fancy.....     |            | 3 00    |         |
| "    good.....             |            | 2 00    |         |
| "    splits.....           |            | 1 00    |         |
| Easter Lilies, medium..... |            | 12 50   |         |
| "    long.....             | 12 50 to   | 15 00   |         |
| Callas.....                | 12 50 to   | 15 00   |         |
| Tulips.....                | 3 00 to    | 4 00    |         |
| Daffodils.....             | 3 00 to    | 4 00    |         |
| Valley.....                | 3 00 to    | 4 00    |         |
| Sweet Peas.....            | 75 to      | 1 25    |         |
| Ferns.....                 |            | 4 00    |         |

All Green Goods at market rates.

**ROSES, our selection, - \$3.00 per 100**  
**WIETOR BROS., 162 N. Wabash Ave., Chicago**

### Omaha, Neb.

Easter is past but not forgotten. All the florists in this vicinity report that Easter, 1911, was the best they ever had, many claiming an increase of 30 to 40 per cent. over the previous Easter. Potted plants sold out clean. Prices were normal and the stock was good. The weather helped, as it was exceptionally fine and on Easter Sunday it was very spring like. All the down town florists advertised their goods during Easter week in the daily papers, which no doubt, helped considerably to sell out clean. J. W. & E. E. Arnold and Miss McNamara each rented a display room near their stores for Easter which helped them to dispose of their potted plants. One department store advertised lilies for 12 cents each, most of the lilies were sold for 25 cents each.

#### NOTES

Hess & Swoboda's seven new houses 22x150 are almost finished as is also their cold storage building. Winandy Bros. of Chicago did all the work and it certainly was done all right. The Florists' Club held their monthly meeting April 27, combined with a bowling match. GRIFFS.

### Cleveland.

#### STOCK IN PLENTY.

Business has improved the last week over the week previous. Stock of all kinds is plentiful and selling at low prices, especially roses and carnations. Easter lilies are moving slowly, while callas cannot be given away. Bulbous stock is in very little demand. Dagger and fancy fern have advanced in price, pansies are plentiful and sweet peas are exceptionally fine in all colors.

#### NOTES.

The Florists' Club meeting April 24 was well attended, showing much interest in the coming flower show. The May Party will be held at the West Side Chamber of Industry Hall on Franklin avenue, May 11. Come and bring your friends.

The city has purchased Rheinholt Hoffman's place for school purposes. Mr. Hoffman will soon vacate, and as

he has a good city position, may not again grow cut flowers.

Herman A. Hart will retire after the spring business is over, and intends to take a few months' vacation traveling in the South. The business will be continued by his sons.

Mrs. G. W. Mercer has the sympathy of the trade in the loss of her father, who died April 24. C. F. B.

### Birmingham, Ala.

The Easter business according to all the retail shops was very satisfactory, and the quantity of stock plentiful. The quality was somewhat better than in other years. Especially the lilies which were of fine grade, and the best seen here in many seasons. There were pot plants enough for everybody and they included, lilies, rambler roses, hydrangeas, etc. There was also a great demand for cut flowers, carnations being first choice. The roses were the best seen here for some time. The weather was very satisfactory, and the deliveries made in good order.

#### NOTES.

A beautiful new store has been opened on Twenty-first street between Third and Fourth avenues by A. J. Koenig and a fine lot of flowers were displayed at the opening, the place being crowded all day. Mr. Koenig was formerly connected with the Amzi-Golden Seed Co.

The week following Easter was quite a social week, many events being held weddings, dinner-parties, and receptions, a large quantity of flowers were used, and stock was rather short. S.

PHILADELPHIA, PA.—The Chestnut Hill Horticultural Society held its annual spring exhibition April 11.

ENID, OKLA.—The increase in the trade at Easter over that of last year was fully 30 per cent says J. R. Detwiler. Prices were about the same as during the same period in 1910. The supply of plants was adequate to fill all the orders, but there was not enough cut flowers to meet the demands. Roses and carnations were the most called for in the cut flowers.

## Cape Jassamine Buds

(GRANDA FLORA)

**The Prettiest and Most Fragrant of Flowers.**

Will begin shipping buds about May 1st. Memorial orders should be in by May 10th

I ship nothing but first-class buds.

**Prices, f. o. b. Alvin.**

|                  |                  |
|------------------|------------------|
| Medium stem..... | \$ 8 50 per 1000 |
| "    ".....      | 1 00 per 100     |
| Long stem.....   | 13 00 per 1000   |
| "    ".....      | 1 50 per 100     |

Will ship c. o. d. to responsible parties. We solicit your orders, which shall have our prompt attention.

**Reference: Alvin State Bank.**

**T. W. CARLTON,**  
**ALVIN, TEXAS.**

*Mention the American Florist when writing*

PAMONA, CALIF.—C. Roessner writes that the trade at Easter was 30 per cent better than that of last year. The prices were no better and the supply of both plants and cut flowers was equal to the demand. The call for blooming plants was good, and in cut flowers the greatest call was for carnations.

PETERSBURG, PA.—The Easter trade was about the same as last year, reports William S. Young. The supply of cut flowers was adequate, and with the exception of lilies there were enough plants to fill all orders. There was a good demand for pot lilies, azaleas, lily of the valley and pansies. In cut flowers the call was for lily of the valley, violets and carnations. Roses did not seem to be wanted and were the least salable. It rained all day the Saturday before Easter which was detrimental to the sale of plants; many more would have been sold had the weather been pleasant.











## New York.

## VERY LOW PRICES.

There has been a much freer movement noticed in the cut flower trade within the last few days, occasioned no doubt by the very cheapness of everything, for prices have got down to where every retailer, large and small, can afford to buy in quantity and take a chance, as it were. Some say that crops of roses and carnations are just coming in, and there is going to be a heavy supply for the next few weeks. To us, it has seemed as though every grower has been in full crop for the last two weeks, for we have never seen stock more plentiful, and, where prices will go if flowers still continue to increase in numbers is a problem indeed, for everything is selling very low now. American Beauty roses are so numerous and so reasonable in price that many retailers are handling them now who do not as a rule carry them. It is also a noticeable fact that there are a great many more short stemmed blooms of this variety than have been seen in the market for many months. Bride and Bridesmaid are perhaps not any more plentiful than they have been for some time, but Richmond, Killarney, White Killarney and My Maryland are coming in in sheaves and in many cases, long and short stems together are cleaned out in lots at prices that seem ridiculously low in proportion to the quality of the flowers. Carnations continue plentiful and, considering the general conditions prevailing in other staples, they are perhaps doing as well or better than could be expected for the best grade are averaging better than are number one grade roses. The lily of the valley demand is still away to nothing and prices took a great fall. Some of the prime growers' stock has begun to come in and, its hardy looking appearance together with its better fragrance, has helped it to move a little better even than has the forced product. Violets are no longer a feature in the trade, since surpluses were recently cleaned out at one dollar a thousand, the season for these is now practically over. Tulips and narcissus are also losing their supremacy, the demand has dwindled away very perceptibly and values have weakened on all varieties. Gardenias are averaging less than five dollars a hundred, there are far too many of them. Sweet peas have not increased in supply as have some other flowers, hence little change in values is noticed. Cattleyas are maintaining their prices fairly well as the supply is not so abundant. Similax and asparagus are among the best sellers in fact, these green goods seem to have the advantage over cut flowers, when it comes to clearing out the stock from day to day, at what may be called satisfactory prices.

## NOTES.

The Bridge Plant Market Company is the name of a firm that has opened a store at 349 E. Sixtieth street. This is close to the location of the Queensboro Bridge early morning plant market and it is intended to keep open all day and all night, so as to accommodate all classes of customers.

The well known firm of growers Pan-kok & Schneiderman is dissolving the junior member withdrawing. Mr. Schneiderman is retiring from business owing to poor health, and has gone to Germany where he will make his home in the future.

Maurice L. Glass, of the firm of A. Moltz & Co. will be married May 16, at 2:30 p. m. to Miss Rebecca Moltz. The ceremony will be in Adas Jeshurun Anshe Synagogue, Attorney street, this city.

The Florists' Club will meet May 8, in the Grand Opera House building at 8 p. m. A feature of this meeting is

to be several short talks on various subjects by some of the club's members.

A. H. Langjahr has moved to 113 West Twenty-eighth street, where he will remain temporarily, as the large store, of which he has secured a long lease is not quite ready for occupancy.

J. Gilman, one of Poughkeepsie's large violet growers, sailed for Europe April 26. Mr. Gilman marketed 141,000 violets for the Easter trade, quite a crop from one establishment.

Peter Christie has been operating a retail store for 10 years at 561 Fifth avenue, Brooklyn, and now owns the building in which he is located, not a bad record that.

The auction rooms are receiving a very liberal patronage these warm days, and a vast amount of hardy stock is being disposed of under the hammer.

A. Hanig has opened a wholesale cut flower stand on the first floor of the Coogan building, corner Twenty-sixth street and Sixth avenue.

The Growers' Cut Flower Co. and Kessler Bros. have got settled in their new quarters at 111 and 113 West Twenty-eighth street.

Brooklyn has another wholesale cut flower store, S. Stone has opened a place on the parlor floor of 377 Jay street.

A. Sauter has moved from the ground floor to the first floor of the Coogan building.

Southern lilac has appeared in the market.

On May 2, the bowlers went to Madison, N. J. to play a match with the Madison experts. The scores made at "Thums," April 28, were as under:

|                |     |     |     |
|----------------|-----|-----|-----|
| Holt .....     | 106 | 124 | 172 |
| Nugent .....   | 120 | 112 | 154 |
| Kakuda .....   | 126 | 120 | 141 |
| Lang .....     | 169 | 175 | 142 |
| Scott .....    | 157 | 131 | 153 |
| Rickards ..... | 142 | 165 | 143 |
| Shaw .....     | 123 | 135 | 147 |
| Manda .....    | 164 | 180 | 165 |
| Chadwick ..... | 156 | 197 | 199 |

## Philadelphia Notes.

H. A. Dreer is pushed to the limit with spring business. Pot roses are going out by the thousands and there is an immense demand for herbaceous stock which is a specialty here. Ferns of the crested and Boston types are also largely in demand, large quantities of young stock being forwarded daily to the wholesale growers for growing on. Over 10,000 flats of seedling ferns have been sold for June delivery. They go all over the country, many of the fern growers depending on this concern for their young stock. Large importations of palms and araucarias were received the past week the first of the quantities that are to come. Over 100,000 dahlia cuttings have been potted off and are coming on in the new range at Riverview. John Ruppert celebrated his 25th anniversary as an employee of H. A. Dreer, on March 22 last. He may now be said to be fairly well acquainted with the business. John is a hustler, well known to all the retail trade of the eastern cities and towns, where his weekly and semi-weekly visits to keep them up to date with the best stock are anxiously awaited.

I had an interesting talk with Miss Anna Jarvis, the founder of Mothers' day. She says she is overwhelmed with letters as the day draws near, many of them being from Governors of states, Mayors of cities and other government officials and from a great many clergymen. All speak enthusiastically of the movement and say they will do all they can to push it along. Miss Jarvis says that she has every reason to believe that its observance this year will be more successful than ever before and she urges the florists to advertise it all they can by

**Charles Weiss & Sons**  
127 West 28th St. NEW YORK  
Telephone 1202 Madison Square  
**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

**Siebrecht & Siebrecht**  
Wholesale Florists  
Telephone: 8346 Madison Square.  
136 W. 28th St., New York City

**JOSEPH J. LEVY**  
(Successor to John Seligman & Co.)  
**WHOLESALE FLORIST**  
Telephone Madison Sq. 4878,  
56 West 26th Street, New York

**WILLIAM H. KUEBLER**  
Wholesale Commission Dealer in  
**CUT FLOWERS**  
28 Willoughby Street,  
Tel. 4591 Main. BROOKLYN, N. Y.

window cards, newspaper notices and in other ways that will bring it to the notice of the general public. K.

## Cincinnati.

## AN ADEQUATE SUPPLY.

Stock, as a whole, is still easily sufficient for local demands. A good out of town call did not appreciably reduce the amount offered the Cincinnati buyers. For some time past this city has been receiving more than its share of rain, and as a result the ground gets little or no opportunity to dry out. The outdoor crops and the carnations will accordingly be late in getting into the field. Enough roses come to easily satisfy all demands. Every now and then many are cleaned up at less than bargain prices. The uncertain weather has had an appreciable effect on the quality of some, but as a whole they are in very good shape. The call for pink seems to exceed that for white. Red roses are apparently going off crop. Carnations enjoy a strong call, but many more come in than are needed. During the day many are taken up. No particular color is short. The offerings of other flowers is adequate.

## NOTES.

P. J. Olinger has taken C. J. Jones as a partner in the consignment end of the business, under the style and title of P. J. Olinger & Co., and in addition to cut flowers the firm will handle a full line of supplies.

It is with regret that we report advices from Xenia, Ohio, which tell of the death of George Engle, a prominent florist of that city.

Julius Dillhoff, representing Schloss Bros., called on the trade last week.

Tom Windram has returned from Leesburg, Fla.

The champion "Punks" in bowling have at last been rewarded. D. Rusconi and C. H. Hoffmeister won the prizes offered by Thos. Jackson for the two lowest averages of the evening at the meet of April 3.

|                        | 1st | 2nd | 3d  | 4th |
|------------------------|-----|-----|-----|-----|
| Al. Sunderbruch.....   | 101 | 166 | 173 | 156 |
| C. H. Hoffmeister..... | 123 | 152 | 163 | 142 |
| Tom Jackson.....       | 122 | 145 | 154 | 132 |
| Wm. Murphy.....        | 122 | 122 | 122 | 122 |
| O. H. Hoffmeister..... | 111 | 123 | 127 | 112 |
| D. Rusconi.....        | 89  | 120 | 100 | 100 |

H.

PHILADELPHIA

NEW YORK

WASHINGTON

**S. S. Pennock-Meehan Co.**

WHOLESALE FLORISTS

109 West 28th Street, NEW YORK

Everything in Cut Flowers.

PERCY B. RIGBY, Treasurer.

Everything in Supplies



D. Y. Mellis, Pres.

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**Greater New York Florists' Ass'n.**

Wholesale Commission Florists and Dealers in Florists' Supplies.

Telephones 3642, 3643, 3644 Main. 162 Livingston St., BROOKLYN, N. Y.

**Charles Millang**

WHOLESALE FLORIST

55 and 57 West 26th St., NEW YORK

Telephones: 7062-7063 Madison.



Give us a Trial We can Please you.

Roses, Carnations and all kinds of Seasonable Flowers in Stock.

**WM. F. KASTING CO.** Wholesale Commission Florists. BUFFALO, N. Y. Florists' Supplies and Wire Designs.

A. MOLTZ

MAURICE L. GLASS

**A. MOLTZ & COMPANY,**  
WHOLESALE FLORISTS

55-57 West 26th St., NEW YORK

Telephone Madison Square 617 and 618.

**N. Y. Cut Flower Exchange**Coogan Bldg., 6th Ave. & W. 26th St., New York  
Open for Cut Flower Sales at 6  
o'clock Every Morning.

Desirable wall space to rent for advertising.

**V. S. DORVAL, Secretary.**

— FLOWERS SHIPPED BY —

**P. J. SMITH,**Are the best product of the best growers  
for the New York market.Adiantum Croweanum sold here exclusively.  
49 West 28th St., NEW YORK

Telephone 1998 Madison Square.

Mention the American Florist when writing

**A. L. YOUNG & CO.**

Wholesale Florists

Consignments Solicited.

Telephone 3599 Madison Square.

54 West 28th St., NEW YORK.

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**Traendly & Schenck,**

WHOLESALE FLORISTS,

131 & 133 West 28th St.  
Phones: 798 and 799.

NEW YORK

**WM. P. FORD,**

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Phone: 5335 Madison Sq. Consignments of Cut Flowers Solicited

**Badgley, Riedel & Meyer, Inc.**

WHOLESALE FLORISTS

34 West 28th St., NEW YORK.

PHONES 1664, 1665; Madison Sq.

Consignments Solicited

**Wholesale Flower Markets**

| NEW YORK, May 3.                     |             |
|--------------------------------------|-------------|
| Roses, Beauty, special.....          | 10 00@15 00 |
| " " extra and fancy.....             | 6 00@8 00   |
| " " No. 1 and No. 2.....             | 1 00@3 00   |
| " " Bride, Bridesmaid, special.....  | 3 00@5 00   |
| " " extra and fancy.....             | 2 00@3 10   |
| " " No. 1 and No. 2.....             | 50@1 00     |
| " " Killarney, My Maryland, spl..... | 3 00@5 00   |
| " " extra and fancy.....             | 2 00@3 00   |
| " " No. 1 and No. 2.....             | 50@1 00     |
| " " Richmond.....                    | 1 00@6 00   |
| Carnations.....                      | 1 00@3 00   |
| Callas.....                          | 6 00@8 00   |
| Cattleyas.....                       | 35@         |
| Gardenias.....per doz.               | 50@72 00    |
| Lilium Longiflorum.....              | 2 00@4 00   |
| Lily of the Valley.....              | 1 00@3 00   |
| Narcissus P. White.....              | 1 00@2 00   |
| " " Yellow.....                      | 1 00@2 00   |
| Roman Hyacinths.....                 | 1 00@1 50   |
| Sweet Peas.....per doz.bchs.         | 60@1 00     |
| Tulips.....                          | 1 50@3 00   |

| BUFFALO, May 3.                    |             |
|------------------------------------|-------------|
| Roses, Beauty, special.....        | 20 00@25 00 |
| " " fancy.....                     | 15 00@20 00 |
| " " extra.....                     | 10 00@12 00 |
| " " No. 1.....                     | 5 00@10 00  |
| " " No. 2.....                     | 2 00@3 00   |
| " " Bride Maid, Killarney.....     | 2 00@6 01   |
| " " Killarney, White and Pink..... | 2 00@6 00   |
| Carnations.....                    | 1 00@2 00   |
| Callas.....                        | 6 00@8 00   |
| Daisies.....                       | 1 00@1 50   |
| Von Sion.....                      | 5 00        |
| Lilium Longiflorum.....            | 6 00@8 00   |
| Lily of the Valley.....            | 3 00@4 00   |
| Mignonette.....                    | 2 00@3 00   |
| Myosotis, per bunch.....           | 10@ 20      |
| Sweet Peas.....                    | 40@ 75      |
| Trumpet Major.....                 | 50@ 1 00    |
| Tulips.....                        | 2 50@3 00   |
| Violets.....                       | 30@ 50      |
| Adiantum Croweanum.....            | 75@ 1 50    |
| Asparagus, per bunch.....          | 35@ 50      |
| Asparagus Sprenger.....            | 35@ 50      |
| Asparagus Str.....                 | 50@ 60      |
| Ferns.....per 1000.....            | 1 50        |
| Galax, green and bronze.....       | 15 00       |
| Smilax.....                        |             |

**ALFRED H. LANGJAHR**

WHOLESALE FLORIST,

113 W. 28th Street, NEW YORK

All flowers in season. Consignments of first-class stock solicited.

Phones 4626 and 4627 Madison Square.

**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

**Moore, Hentz & Nash,**

WHOLESALE COMMISSION FLORISTS

55 and 57 West 26th Street,

Telephone No. 756  
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NEW YORK.

Mention the American Florist when writing

**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses,  
Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 2200 and 2201 Madison Square

Mention the American Florist when writing

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Telephones: 3532 and 3533 Madison Sq.

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**KESSLER BROS.**

113 W. 28th St NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere  
Prompt and satisfactory. Consignments solicited**M. C. FORD**

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Receivers and Shippers of FRESH FLOWERS.

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## Flatbush, Brooklyn, N. Y.

The greenhouse districts of Flatbush, Brooklyn, are rapidly becoming surrounded by boulevards and handsome residences. Taxes on property are going skyward every year and it is only a question of time when many of the old-time places will have to give way to the modern trend of the times, and dwellings will occupy the sites that now are covered with glass, for the land is getting too valuable for greenhouse purposes. With the building up of this section there comes an increase in the demand for plants and flowers, so that growers have no difficulty in disposing of all that can produce, for, aside from Dailledouze Bros. and Henry Hesson, both of which firms specialize in carnations, the Flatbush growers as a rule grow a little of everything, and, what is more to the point, they grow everything well.

Take for instance the two establishments of Louis Schmutz, both are on Clarkson street, though about half a mile apart. We remarked to Mr. Schmutz, when going through them, that there were so many different kinds of plants that it was like visiting a "curiosity shop" for variety. "Well," he said, "what can we do, we must have some things of everything," and sure enough he has it. Tomatoes, egg plants, peppers, cyclamens, honeysuckle, passiflora, vinca variegata, and rosea, cannas, coleus, geraniums, begonias Vernon and other bedding sorts, lemons, oranges, phlox, ferns of all the commercial types, in fact, a full list of all he has growing there would read more like a plant catalogue than anything else. We mention this just to show that all Flatbush is not specialists yet, the grower of mixed collections is still filling an important place in the plant industry.

Carl Woerner, at 220 Clarkson street, is also one who believes that in variety there is strength. This was formerly the Wilks place, which Mr. Woerner took possession of about two years ago. Several new varieties of tradescantia, that were brought from Germany last year, are making quite a hit as basket plants, owing to their abundant flowering proclivities, they are a mass of bloom continuously and naturally are proving good sellers. In addition to quite a mixed collection of bedding plants, a house of carnations are grown for cut flowers, as Mr. Woerner runs a regular cut flower business in conjunction with his plant trade.

At Chas. Koch's establishment there is probably the largest collection of agave Americana to be found anywhere near New York. These have been wintered in frames so are not a great deal of trouble, though they take up a lot of space. Besides the agaves, Mr. Koch has about every kind of bedding plant needed in his place, and these days he is so surrounded with retail customers from morn till night that he hasn't much time to talk with a newspaper man. He did say, however, that he was waiting for someone to come along with \$25,000 and purchase his property. Then he would go to live in Rutherford, N. J., where his married daughters are bringing up a new generation of florists.

PEORIA, ILL.—About the same as last year reports Juergens & Co., in regard to the Easter trade. There was a large enough stock of both plants and cut flowers to meet all requirements and prices were about the same as in previous years. All the blooming plants sold well, and there was also a good demand for all kinds of cut flowers. A great many plants and a large quantity of flowers were sold to be used for decorating the churches, which kept the florists' wagons busy delivering all the week before Easter.

# Look Bargains In Bedding Plants

For Immediate Shipment.

NOW READY.

Godfrey Aschmann, the busy bee, is more active than ever. Come and look at what he and his sons and employees have done in four weeks' time. Inspect it yourself, judge it yourself, and you will say "Is it possible?" Ten greenhouses and equally as many frames are filled with choice bedding plants of all descriptions.



|                                                                                                                                                                                                                                                                                                                     |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Cannas, John D. Eisele (best improved dark foliage). Exandale, bronze. Mme. Crozy, 4-in.                                                                                                                                                                                                                            | Per 100 |
| Cannas, Alph. Bouvier. Richard Wallace, 4-in.                                                                                                                                                                                                                                                                       | \$ 8.00 |
| English Ivy, 4-in.                                                                                                                                                                                                                                                                                                  | 10.00   |
| Hardy or English Ivy, 4-in. 10c. 5-in. 15c.                                                                                                                                                                                                                                                                         |         |
| Begonia Erford, our well known strain, our latest improvement, always in bloom best of all pink varieties. 4-in. pots                                                                                                                                                                                               | 4.00    |
| Begonia Vernon, the genuine dark red; a bed of the once seen growing on a lawn in bloom speaks for itself. It is our latest improvement of the Vernon type; always a mass of flowers, stands the sun heat and the dry weather well; 7000 4-in. now ready medium size 4-in. \$7.00; large 4-in. 3-in. (all in bloom) | 8.00    |
| Lemon Verbenas, 4-in.                                                                                                                                                                                                                                                                                               | 5.60    |
| Scarlet Sage, everybody's favorite. Clara Bidman or Bonfire (in bloom). 4-in.                                                                                                                                                                                                                                       | 7.00    |
| Ageratum, dwarf, best blue. 4-in.                                                                                                                                                                                                                                                                                   | 7.00    |
| Fuchias, assorted colors. 4-in.                                                                                                                                                                                                                                                                                     | 7.00    |
| Double Petunias, assorted. 4-in.                                                                                                                                                                                                                                                                                    | 7.00    |
| Lantanas, assorted. 4-in.                                                                                                                                                                                                                                                                                           | 7.00    |
| Ceraniums, other best varieties, such as Beate Poitevine, S. A. Nutt.                                                                                                                                                                                                                                               | 7.00    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Geraniums, for bedding purposes: Beate Poitevine, best variegated. 5 1/2-in. pot 15c. 4-in. Nutt. best crimson; Alonzo Ricard, John Dorle, red; Mme. Buchner, double white; Mme. Thibout, double pink 4-in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sc each               |
| Honeysuckle, sweet scented Halleana. 4-in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$7.00 per 100        |
| 10c. 5-in. etc. Florists who know us are leaders for the last 25 years in importing, growing and shipping of this so well known evergreen decorative plant, the Araucaria, more in favor than ever, from the Atlantic and Pacific Ocean to every florist our Araucarias is interesting, therefore no argument is needed for our goods. We know what our customers need therefore we have provided and set aside special specimen plants. Spring 1910 importation, lawn, porches, verandas, bungalows, private summer residences, the hotels and boarding houses on the seashore and elsewhere this plant is one of the most desirable evergreen decorative plants adopted for this above mentioned purposes. |                       |
| Crimson Rambler Roses, Dorothy Perkins, one of the best Ramblers of the pink variety, pot grown plants. 5 1/2 to 6-in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50c. 75c. \$1.00 each |
| Cobes Scandens, 4-in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 35c. 40c. 50c each    |

## First Consignment.

6000 just received per Steamer Menominee from Antwerpen, Belgium, more coming by next Steamer.

Araucaria Excelsa, Robusta compacta, Glaucous, and Palms, etc. Florists who know us are leaders for the last 25 years in importing, growing and shipping of this so well known evergreen decorative plant, the Araucaria, more in favor than ever, from the Atlantic and Pacific Ocean to every florist our Araucarias is interesting, therefore no argument is needed for our goods. We know what our customers need therefore we have provided and set aside special specimen plants. Spring 1910 importation, lawn, porches, verandas, bungalows, private summer residences, the hotels and boarding houses on the seashore and elsewhere this plant is one of the most desirable evergreen decorative plants adopted for this above mentioned purposes.

Araucaria Excelsa, raised from top cuttings, 6-7 inch pots, 4 to 5 years old 5, 6 and 7 inch 25, 28, 30, 35, 40 and 1 in height. \$1.00 \$1.25 \$1.50, \$2.00 to \$2.50 each

Araucaria Excelsa Glaucous and Robusta compacta, 6-7 in. pots. fine bushy plants \$1.25 \$1.50, \$2.00 each

|                                                                                                                                                                         |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Araucaria Excelsa, new importation, out of 5 1/2, and 6 in. pots. 2 to 3 years old, 3, 4 and 5 tiers. 10, 12, 14, 16, and 20 inches high. 40c, 50c, 75c and \$1.00 each |                       |
| Robusta compacta excelsa glauca, 5 1/2 and 6-in. pots                                                                                                                   | \$1.00 to \$1.25 each |
| Kentia Belmoreana, 4 year old. 30 to 35 inches high. \$1.50                                                                                                             |                       |
| Kentia Forsteriana, 4 year old. 30 to 35 inches high. \$1.50                                                                                                            |                       |
| Kentia Forsteriana, 4 year old. 24 to 26 inches high. 75c to \$1.00                                                                                                     |                       |
| Kentia Belmoreana, 4 year old. 26 to 28 inches high. \$1.00 to \$1.25                                                                                                   |                       |
| Kentia Belmoreana, 4 year old. combination or made up of 3 plants, 26 to 28 inches high. \$1.00, \$1.25 and \$1.50                                                      |                       |
| Kentia Belmoreana, combination or made up of 3 plants, 3 year old. 24 to 26 inches high. 75c to \$1.00                                                                  |                       |
| Cocos Weddelliana Palms, made up of 3 plants. 4 to 5 in. pots. 30c, 40c and 50c.                                                                                        |                       |

## Ferns.

|                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------|--|
| Scotthii, very large selected specimen plants 8 in. pots. \$2.00, 5 1/2, 6, and 7-in. pots. 25c, 30c, 40c, 50c, 75c, \$1.00. |  |
| Whitman and Schoelzel, 7 in. pots. \$1.00.                                                                                   |  |
| Glatarelli, 5, 5 1/2-in. pots. 30c, 35c, 40c. 4-in. pot plants. 20c to 25c.                                                  |  |

|                                                                                                |  |
|------------------------------------------------------------------------------------------------|--|
| Dracena Bruni, 6-in. pots. suitable for vases. 35c to 40c.                                     |  |
| Crimson Rambler Rose Bushes, 6-in. pots. 30, 35 and 40 in. high. 50c, 75c to \$1.00.           |  |
| Hydrangea laxa, 6-in. pots. medium size only suitable for outdoor planting, not in bloom. 25c. |  |

## In Small Plants

We have the following in 2 1/2 to 8-in. pots, at \$3.00 per 100:

|                                                                          |  |
|--------------------------------------------------------------------------|--|
| Verbenas, assorted colors.                                               |  |
| Phlox Drummondii, dwarf and grandiflora.                                 |  |
| French dwarf Tagetes (the queen of the Mari-golds).                      |  |
| Coleus, Verschaffelti, Golden Bedder, Queen Victoria (fancy colors, 4c). |  |
| Petunias, Inimitable, Dwarf.                                             |  |
| Sweet Alyssum, Carpet of Snow or Little Gem.                             |  |
| Tradescantia, two colors.                                                |  |
| Thumbel, or Black Eyed Susan.                                            |  |
| Lobelia, Crystal Palace, blue, dwarf and trailing.                       |  |
| Cornflowers (assorted).                                                  |  |
| Centaurea Gymnocarpa (Dusty Miller).                                     |  |
| Parlor or German Ivy, 3c.                                                |  |
| California Giant Petunia, 3-in., \$5.00 per 100.                         |  |
| Asters, 5 separate colors, 2 1/2-in., 3c.                                |  |

Don't forget that we are the growers and shippers of Ipomoea Noctiflora, the pure white Moonvine, with flowers as big as a saucer, very fragrant and the earliest Moonvine in existence, for which we have a world-wide reputation for the past twenty-five years; grows 50 feet and over in one season; over 25,000 are shipped every spring all over America south, north, west and east, Mexico and Cuba; 2 1/2-in. pots, \$5.00 per 100; 3-in., \$8.00 per 100; 4-in., \$12.00 per 100.

Cash with order, please.  
All plants must travel at purchaser's risk.

# GODFREY ASCHMANN,

Wholesale Grower and Importer of Potted Plants.

1012 W. Ontario St.,

PHILADELPHIA, PA.

# HARDY AND CLIMBING ROSES

## Hardy Perpetual Roses

We offer extra-strong forcing two-year-old dormant, low-budded stock, in the following varieties, true to name:  
Price, 75c for 5 (of one variety), \$18.00 per 100, \$120.00 per 1000 (immediate delivery).

Alfred Colomb. Carmine-crimson.  
Anne de Diebach. Bright carmine.  
Ball of Snow (Boule de Neige). Large, pure white.  
Capt. Christy. Delicate flesh color.  
Clio. Satin blush.  
Duke of Edinburgh. Bright vermilion.  
Fisher Holmes. Dark velvety crimson.  
Frau Karl Druschki. The finest white in existence.  
Gloire de Margot. Dazzling red.  
Gen. Jacqueminot. Brilliant crimson.  
John Hopper. Bright rose.  
La France. Peach blossom pink.  
Mme. Charles Wood. Bright carmine.  
Marshall F. Wilder. Cherry rose and carmine.  
Magna Charta. Dark pink.  
Mme. Gabriel Luizet. Light, satiny pink.  
Mrs. Sharman Crawford. Deep rosy pink.  
Paul Neyron. Lovely dark pink.  
Ulrich Brunner. Cherry-red.

For prices see above.

## English Moss Roses

Assorted. White, Pink, Red. Large dormant plants, from open ground. 75c for 5, \$14.00 per 100.

## Baby Rambler Roses.

PHYLLIS. Very fine clear pink, highly recommended, \$1.25 for 5, \$20.00 per 100.  
BOSKOP BABY. Color beautiful shade of China rose, very free-flowering and easily forced. \$3.25 for 10, \$30.00 per 100.  
BABY DOROTHY. "Baby Dorothy," when planted out, flowers perpetually from Spring until Autumn. It makes an excellent pot plant for forcing. Price for strong, field-grown plants, 85c for 5, \$15.00 per 100.  
CATHERINE SEIMETH. A very important novelty. A White Baby Rambler Rose, larger and better flowers than the type. White with yellowish center. It has the true rose perfume. 85c for 5, \$15.00 per 100.  
MRS. W.M. H. CUTBUSH. A grand acquisition to the Baby Rambler class. Color intense crimson and exceptionally free-flowering. 85c for 5, \$15.00 per 100.  
MME. NORBERT LEVASSOUR (Baby Rambler). Strong, field-grown plants. 75c for 5, \$14.00 per 100.

## Ramblers and Other Climbing Roses.

CLIMBING BABY RAMBLER (Miss C. Messman). A novelty for 1911. Where the Baby Rambler is popular, the climbing type will soon become so too. We have a small stock and offer same as follows. It is a true Polyantha type, color deep rose. 50c each, \$2.25 for 5, \$20.00 per 100.  
GLOIRE DE DIJON. Color buff, orange center, very sweet-scented. Field-grown, \$1.50 for 5, \$22.50 per 100.  
CRIMSON RAMBLER. American Grown. The only stock for forcing. Large heavy plants, two years old, mossed and packed in bundles of 10, 3 to 5 feet, \$1.75 for 10, \$15.00 per 100; 4 to 6 feet, \$2.25 for 10, \$20.00 per 100; 7 to 8 feet, extra heavy, \$4.00 for 10, \$35.00 per 100.  
DOROTHY PERKINS. Resembles the Crimson Rambler, except in color, which is a lovely shell pink, holding a long time without fading. 4 to 5 feet, \$1.75 for 10, \$15.00 per 100; 8 to 9 feet, \$2.00 for 10, \$18.00 per 100.  
TAUENDSCHON. The new Rambler Rose. The name translated means a "thousand beauties." Color beautiful rose, shading to pink. \$1.75 for 10, \$15.00 per 100.  
TAUENDSCHON (Grown as a Standard). Fine for forcing. 40c each, \$3.75 for 10, \$35.00 per 100.

## Somthing New in Roses for Florists

### Half Standard Baby Ramblers

These are Baby Ramblers, grown on stems or standards about one and one-half feet high, and will be a novelty for your trade you cannot profitably overlook. Easily forced. They are offered in the following varieties:

BABY DOROTHY (Half Standard). Deep pink. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY RAMBLER (Half Standard). Crimson, 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY CATHERINE SEIMETH (Half Standard). White. 40c each, \$4.00 per doz., \$30.00 per 100.  
BABY 'STARS AND STRIPES' (Half Standard). White and red grafted on the same plant; most attractive. 45c each, \$4.50 per doz., \$35.00 per 100.  
MRS. CUTBUSH (Half Standard). Rose pink. 40c each, \$4.00 per doz., \$30.00 per 100.

## English Grown Hybrid Tea, or Ever-blooming Roses, etc.

Hybrid Tea or Everblooming Roses are becoming more popular every year. As hardy as the perpetuals, with slight protection in winter, they give a wealth of bloom all through the summer months and late in the fall till frost checks them.

THE KILLARNEY ROSE. This is a grand Rose for either indoor or outdoor cultivation; is a strong grower and the blooms, which are of a beautiful pink, are borne in great profusion. Strong, 2-year-old field-grown stock, \$1.25 per bundle of 5; \$22.50 per 100.

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CAROLINE TESTOUT. Bright satin rose, with brighter center, large, full and globular; sweet scented, \$1.25 for bundle of 5; \$22.50 per 100.

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NEW YORK CITY**

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**McKenna**

All orders receive prompt attention Choice  
Beauties, Orchids and Valley always on hand.

## STEAMSHIP SAILINGS.



FROM NEW YORK EXCEPT AS NOTED.

May 9.

Kronprinz Wilhelm, No. Ger. Lloyd, 10 a. m.,  
Hoboken Pier.  
New Amsterdam, Holl. Amer., 10 a. m., Ho-  
boken Pier.  
FROM BOSTON, Cymric, White Star, 6 p. m.,  
Charlestown Pier.  
FROM PHILADELPHIA, Prince Adalbert, Ham.  
Amer., 11 a. m.

May 10.

Lusitania, Cunard, Piers 54 and 56, North River.  
Cretic, White Star, 12 noon, Piers 60 and 61,  
North River.  
Majestic, White Star, 3 a. m., Piers 60 and 61,  
North River.  
FROM BALTIMORE, Cassel, No. Ger. Lloyd, 2  
p. m., Pier, 9 Locust Point.

May 11.

Utonia, Cunard, Piers 54 and 56, North River.  
Eoon, No. Ger. Lloyd, 10 p. m., Hoboken Pier.  
Amerika, Ham.-Amer., 3 p. m., Hoboken Pier.  
La Provence, French, 10 a. m., Pier 57, North  
River.  
FROM MONTREAL, Lake Champlain, Can. Pac.,  
Daybreak.

May 12.

FROM BOSTON, Parisian, Allan, 10 a. m., East  
Boston Pier.

May 13.

Celtic, White Star, 11 a. m., Piers 60 and 61,  
North River.  
Berlin, No. Ger. Lloyd, 11 a. m., Hoboken Pier.  
Kronland, Red Star, 10 a. m., Pier 59, North  
River.  
Philadelphia, Amer., 9:30 a. m., Pier 62, North  
River.  
California, Anchor, 9 a. m., Pier 64, North  
River.  
Caroline, French, Pier 54, North River.  
Madonna, Fabre, 3 p. m., Amity Dock.  
FROM MONTREAL, Canada, Can. Pac., day-  
light.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin  
Cities and for all points in the Northwest. The  
Largest Store in America: the largest stock; the  
greatest variety. Write, wire or phone. We are  
alive night and day.

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**Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

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Flowers or Design Work.

Delivered in Albany and Vicinity on  
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TELEPHONES  
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To out of town Florists  
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And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

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**John G. Heint & Son,**  
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Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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Telegraph us and we will reciprocate. We  
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Successor to Sievers & Boland

**FLORIST**

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Personal Attention to All Orders.

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Flowers in any arrangement for all occasions.  
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Mention the American Florist when writing

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Phone 6404 Madison Sq. 60 West 33d St.

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**J. E. LAPES**

The Leading Florist of Cedar Rapids,

Will fill your orders for Designs and Cut  
Flowers in Iowa and the Middle West.

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**Artistic Designs.**  
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We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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Largest Floral Establishment in America  
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Best Quality on Shortest Notice

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Order by mail, telephone, telegram or cable. Cable address "Daniels, Denver"

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**Established 1874.**

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Mention the American Florist when writing

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Orders will be carefully  
cared for by

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Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn, the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Canger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago, Geo. Witbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
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Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Belmers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
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**Alexander McConnell,**

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TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

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**CANGER & GORMLEY,**

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**HIGH GRADE OF FLOWERS**

Phones: Central 5196 All orders are very  
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Will fill your orders for designs and cut flowers in  
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A Specialty. 216 W. 4th St.

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Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

**Milwaukee, Wis.**

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N. Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.

Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

VISITED CHICAGO: F. A. Forbes, of Forbes Seed Store, Plymouth, Ind.

PRESIDENT PAGE of the American Seed Trade Association will visit the Pacific coast this month.

HOLLISTER, CALIF.—Sweet peas and radish, which looked bad for a while, are beginning to recover somewhat from the effects of the recent frost, but will not make full crops.

IN the west, counter and mail trade was only moderate the first half of April, but in the last half the weather conditions improved greatly and this improvement made the short month's business rather more than the average.

NEW YORK.—Seasonable spring weather has at last reached us and counter trade in the stores has become quite active. Hardy plants, flowering and ornamental, are displayed at most of the stores and this week vegetable plants of many kinds are also on sale.

LOS ANGELES, CALIF.—The John C. Bodger & Sons Co. advises us of the disappearance from its office, of 12 or 15 unopened letters about April 20 and requests firms in the trade writing about that time, and not receiving a reply, to kindly send duplicates of their letters.

CHICAGO.—Prices on the board of trade May 3, for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White clover, from \$22 to \$30.—Retail counter trade here is at its best about May 1 and Saturday, April 29, was a very busy day with the local trade.

W. AILEE BURFEE, presiding at a meeting of the Canadian Society of Philadelphia, April 25, took up the subject of reciprocity, saying that he thinks all loyal Americans and Canadians understand and will back President Taft in his fight for reciprocity. He said that Mr. Taft has only done what he believed to be his honest duty in calling the extra session of congress to discuss it.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

### Sweet Peas For Winter Blooming.

William Sim, of Cliftondale, Mass., the well known and successful grower of sweet peas, whose exhibit at the Second National Flower Show at Boston attracted so much attention and favorable comment, and who is an authority upon the culture of sweet peas under glass, states that the best varieties of early flowering winter sweet peas are Watchung, early white; Christmas Pink, pink and white; Greenbrook, white marked lavender, one of the best; Earliest of All, pink and white; Florence Denzer, white; Mrs. C. H. Totty, light lavender; Wallace, dark lavender; Mrs. Sim, salmon; Gov. Fort, pink; Mrs. Smalley, satin pink, a re-selected Earliest of All; Mrs. F. J. Dolansky, light pink; Helen Kellar, striped pink and white, and Mrs. Geo. W. Lewis, white wavy.



Came Up All Right.

Storekeeper: "Did the seed that I sold ye, come up all right, Uncle Sam?"

Uncle Sam: "Yes, next door neighbor's chickens got at 'em at 4 o'clock in the morning."

—Philadelphia Evening Telegraph

### New York Seed Tests.

We are in receipt of Bulletin No. 333 of the Geneva, N. Y., Experiment Station on seed tests made at the station during 1910, from which we take the following summary:

Farmers and others may send samples of agricultural seeds to the station and have them tested for purity free of charge; but the station does not make germination tests. During 1910, 947 samples were tested—566 of alfalfa, 200 of red clover, 69 of alsike clover, 13 of white clover, 77 of timothy and 22 of miscellaneous seeds. Many of the samples received were too small for a dependable analysis. The percentage of samples infested with dodder (11.13

per cent for alfalfa and 3.5 per cent for red clover) is considerably smaller than that found in previous years. This indicates that seedsmen are now more careful about dodder than they were formerly. The alfalfa samples show a marked increase in the number containing large-seeded dodder. In more than half of the infested samples the dodder was of the large-seeded kind which can not be separated by sifting. The frequent occurrence of the seed of *Centaurea repens* in the alfalfa samples shows that much of our seed is imported from Asia Minor. This is known as *Turkestan alfalfa*. Only 4 samples (3 of alfalfa and 1 of alsike clover) were found to be adulterated. It appears that red clover seed sold in the state during 1910 was of higher average quality than usual. As regards purity and general appearance, the timothy seed, also, was of high grade. Russian thistle seed is a frequent impurity of alfalfa seed, but the experience of farmers indicates that the weed is rarely able to maintain itself in New York and is not to be feared. Roquette, a foreign, mustard-like plant, has appeared in some alfalfa fields in the state having been introduced with imported alfalfa seed. Little is known of its capabilities as a troublesome weed.

### FURTHER NOTES.

The adulteration of alfalfa is much less common than in previous years, only three samples out of 566 were found to be adulterated. Seed containing large dodder should be avoided. English plantain is the most noxious weed in alfalfa seed.

Some kinds of seeds if not harvested and stored properly lose their ability to germinate. The only safe and reliable way is to make a germination test, which farmers can do for themselves.

Samples are not reported as adulterated unless they contain 5 per cent or more of some one kind of foreign seed or inert matter.

Samples should be taken from the top, middle and bottom of the bags. The samples from the top may be very misleading.

Buyers are urged to make a practice of testing the germination of each lot of timothy seed before purchasing.

Analyses show red clover seed sold in the state averaged much purer and of higher grade than usual.

The bulletin contains a list of other publications on seeds and weeds available to seedsmen.

### Free Seeds.

A canvass has been made of a certain locality in Pennsylvania to find out what proportion of government seeds was actually used by the recipients, says The National Stockman and Farmer. In this village 180 people were favored by their congressman with a package of free seeds. Of these seeds exactly seven packages, 3.88 per cent, were used. We do not claim that this represents the proportion of seeds used in all cases, but it does represent the proportion used in some cases, and it shows that the money spent for the congressman's little graft is very largely wasted. Evidently the principle of economy in government expenditures does not extend to matters which congressmen think will affect their chances to serve the dear people in the future.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.



# Now For Those Rush Orders

**F**LORISTS who want their orders filled accurately and quickly will make no mistake in sending to us. We are prepared to fill orders the day they arrive. We have just doubled our packing force—a change made necessary by the largest number of orders ever received. Here are some of the things you should not overlook in planning your spring planting.

## Aster Seed! Aster Seed! Aster Seed!

Sweet Peas, Dahlias, Gladioli, Lilies,  
Market Garden Strains of Vegetable and Flower Seeds,  
Hardy and Tender Plants, Potatoes, Small Fruits,  
Lawn Grass, Fertilizers, Insecticides and Sprayers.

Five minutes study of our wholesale catalogue will convince you that it is to your interest to send us your rush order. To insure its reaching the right department the minute it arrives, mark both your order and envelope "Wholesale Department, Rush." Mention this paper.

**JAMES VICK'S SONS, Rochester, N. Y.**

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Son,  
Piedricktown, N. J.**

Mention the American Florist when writing

**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
**J. BOLGIANO & SON, Importers and Wholesalers**  
(Established for 32 years) Baltimore, Md.

Mention the American Florist when writing

## ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**

Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

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### YELLOW.

Golden Glow, (Yellow October Frost, \$4.00-\$35.00). Comolera, (Yellow Ivory, \$4.00-\$35.00), (Donatello, \$5.00-\$45.00), Col. D. Appleton, Major Bonaffon, (Dolly Dimple, \$4.00-\$35.00). (Roman Gold, 50c each, \$4.00 per ten, \$35.00 per 100), (Golden Chadwick, \$5.00-\$45.00), Yellow Mrs. Jones, (Nagoya, \$4.00-\$35.00).

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Unaka, 50c each. \$4.00 per ten, \$35.00 per 100. Glory of Pacific, Pacific Supreme, Gloria, Pink Ivory, Mrs. Wm. Wincott, (Patty, \$4.00-\$35.00), Minnie Bailey, Maud Dean. Helen Frick.

### ANEMONES.

White—Garza, Mrs. August Knab Yellow—Gertude Wilson, Lida Thomas Pink—Ada Sweet, Catherine Simmons, Vayenne,

### POMPONS.

White—Diana, Lula. Yellow—Baby, Iva, Klondike, Skibo. Pink—Alma. Bronze—Clorinda. Singles. White—Lady Lu. Yellow—Little Barbee. Pink—Catherine Livingston, Itaska, Lillie Godfrey, Alice Bronson Houston, Mrs. J. A. Peterson, Red—Bishop Henninghaus, Minnesota. Bronze—Arlee, Peter Pan.

This bulletin will be changed each week to comply with stock on hand.

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Annual meeting at Boston, Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, April 22.—Mushrooms, 75 cents per pound; cucumbers, 15 cents each; tomatoes, 25 cents per pound; grapes, \$2 per pound; lettuce, \$1.80 per doz heads; cauliflower, 40 cents each.

Chicago, April 26.—Mushrooms, 30 cents per pound; cucumbers, \$1.75 to \$2 for two dozen; lettuce, 15 cents to 17½ cents per pound; radishes, 50 cents to 75 cents per dozen bunches.

### Early Tomatoes.

In the experiments which were carried on at the experiment station of the University of Illinois in growing tomatoes for early market the plants were set in the field on May 4 and May 15, the plants having been grown in cold frames and gradually hardened off. The early plants were set before the normal season in this locality, and before it was really safe to set them, for although the weather was warm and pleasant at the time they were set, a frost occurred a week later and caused slight injury to the plants. However, favorable weather followed, and the plants were not seriously checked. These plants, while they did not ripen their fruit any earlier than some of the other lots, yet they made by far the heaviest yield of early fruit.

In preparing the plants for withstanding the transfer to the field without suffering a sudden check in growth, they must be gradually accustomed to winds and night temperatures, while they are still in the cold frames. Beginning about two weeks before the time of setting the plants in the field, the frame is left uncovered later each evening, and is adjusted to let in a little air even at night. Finally, on pleasant nights, the cover is left off entirely. A few hours before the planting is to begin, the soil in the cold frame containing the plants should be saturated with water and should be kept wet as the planting proceeds. The plants are removed by cutting around each plant with a spade and a six-inch cube of dirt taken up with each plant. The plants are set four by five feet apart or four and a half by four and a half. At the first named distance 2,178 plants are required to set an acre, and at the latter distance 2,151 are necessary.

### Fertilizers on Asparagus.

The Maryland Agricultural Experiment Station has issued a bulletin entitled "Fertilizers on Asparagus" reporting the experiments which have been carried on to ascertain the best fertilizers for the culture of asparagus during the last six years. The fertilizers used were kainit, dissolved rock, muriate of potash, nitrate of soda and manure. The results obtained were that kainit at the rate of 2,000 pounds per acre applied in midsummer gave the

highest net gain per acre. Dissolved rock 400 pounds, kainit 400 pounds and nitrate of soda 200 pounds per acre the next best returns, kainit 500 pounds per acre in midsummer the third best. Manure is too expensive to apply year after year. In seven manure plots only two produced any profit. Manure and fertilizer combinations are desirable in moderate amounts, but are too expensive in the heavy applications.

In the culture of asparagus, after the bed has reached the second year it is advisable to give a good coating of stable manure or 1,000 pounds of kainit per acre, or both, in early spring and ploughed in, after the shoots appear the soil cultivated every ten days or two weeks. No cutting for market this year and in late fall the stalks cut and burned. In the third and succeeding years a light covering of rotted manure, about five tons per acre, should be given during the winter or early spring every year, and in connection with this some commercial fertilizer should be used either a complete fertilizer or Kainit 1,000 to 2,000 pounds per acre.

The ground should be plowed and harrowed in early spring, and the kind of stalks desired for cutting, whether green or white, will determine how the ground will be handled. If green stalks are wanted the ground may be left nearly level, or at most only a slight ridge over the row. If white stalks are desired furrows from each side must be thrown over the row to form a round flat-topped ridge eight or more inches high. Good cultivation must be given throughout the season and after the

stalks die in the fall they should be removed and burned.

DECATUR, ILL.—A hail storm passed over the city in early April that broke a great deal of glass in the greenhouse. Henry Daut and Daut Bros. Co. were both heavy losers.

NEW YORK.—A series of lectures on horticultural subjects is to be delivered in the museum building of the New York Botanical Garden in Bronx Park on the Saturdays of May and June.



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|                                              | Each   |
| 15 to 18-inch top, 15 to 18 inches high..... | \$4.00 |
| 22 to 24-inch top, 24 inches high.....       | 7.00   |

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| 12-inch crown.....       | \$1.50 |
| 15 to 18-inch crown..... | 2.50   |
| 18 to 21-inch crown..... | 3.00   |
| 21 to 24-inch crown..... | 4.00   |
| 24 to 27-inch crown..... | 6.00   |

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| 2½ to 3 feet high..... | \$2.50 | 4 to 5 feet high, strong, bottom measure 24 to 30 inches..... | 6.00 |
| 3 to 3½ feet high..... | 3.00   | 5½ feet high.....                                             | 8.00 |
| 3½ to 4 feet high..... | 4.00   | 6 feet high.....                                              | 9.00 |
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2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

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|                                                                       | 2½-in. | 100     | 1000 |
| Pink Killarney.....                                                   | \$6 00 | \$55 00 |      |
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| Perles, Ready April 1.....                                            | 5 50   | 50 00   |      |
| Richmond, Now ready                                                   |        |         |      |
| 3½-inch                                                               | 8 00   | 85 00   |      |
| Cut back benched Pink Killarney, \$60.00 per 1000; good strong stock. |        |         |      |

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 dent; John Hall, Rochester, N. Y., Sec'y.  
 Thirty-sixth annual convention to be held  
 at St. Louis, Mo., June 14-16, 1911.

VISITED NEW YORK: A. Koster, of Koster & Co., Boskoop, Holland.

PROF. SARGENT of the Arnold Arboretum has favored us with a copy of the guide to the institution, just issued. It is beautifully illustrated with half-tone views of the trees, shrubs and beauty spots and contains a history and description of the several features and detailed plans of the large area included in the arboretum.

"THERE are probably 30,000,000 apple trees in Missouri," says the professor of horticulture in the University of Missouri, "and of this number 75 per cent are Ben Davis and varieties equally poor." He recommends that these trees be rooted out and replaced by something worth while. Missouri is the last refuge of the Ben Davis "apple." There is some hope, therefore, that this so-called fruit soon will become extinct.—Chicago Tribune.

### Conifers in the Arnold Arboretum. V.

In the three-leaved group of pines, to which our native pitch pine belongs, there are not many that can be depended upon in the New England states. The lace-bark pine, *Pinus Bungeana*, from northern China is quite promising in the arboretum. It is quite hardy and bears cones freely. It has a tendency to be bushy in habit, and may not attain the arborescent character that it does in its native state. Dr. Sargent told us on one occasion that he was much impressed with the singular appearance of the lace-bark pine planted in connection with Chinese temples. The adult trees displayed white or whitish stems that almost looked as if they had been whitewashed. In old mature trees the bark assumes this appearance.

*Pinus Jeffreyi* from eastern California is a most beautiful and noble pine. It does not appear to do as well, however, in the arboretum or around Boston, as it does in western New York. There is a remarkably healthy specimen in Mrs. Thompson's estate at Canandaigua, N. Y., and there are two trees growing rapidly in the pinetum at Highland Park, Rochester, N. Y.

*Pinus ponderosa*, perhaps one of the most majestic of American pine trees, which is distributed from British Columbia to Mexico, is another pine like P. Jeffreyi, which does not appear to do as well in the arboretum or around Boston as in western New York. There are individuals of *Pinus ponderosa* in the city of Rochester from fifty to sixty years old that are in perfect health, and they were disseminated in Rochester by Ellwanger & Barry.

In the two-leaved group of pines there are many that are perfectly hardy, and they are largely represented in the arboretum. *Pinus densiflora* from Japan is doing well in the arboretum, and has grown to considerable size and has been producing cones in the arboretum for many years. In the pinetum at Highland Park, Roches-

ter, *Pinus densiflora* is inclined to be bushy and does not show any inclination to throw up a central leader.

The Jack pine, *Pinus divaricata*, which is remarkably hardy and extends from Hudson Bay to Minnesota, is looking well, and has a picturesque habit which the writer admires. It is somewhat similar in habit of growth to *Pinus Virginiana* and *Pinus pungens*, but is much superior to either of these in decorative value.

The yellow pine, *Pinus echinata*, is represented by one plant of considerable size and a number of thrifty young plants. It seems to be hardy in the arboretum. This is a handsome pine in its fully developed adult condition in its native state. The most northerly station in which it is known to grow is Staten Island, and it extends south to Florida.

*Pinus Laricio*, from the south of Europe, does not appear so far in the arboretum or elsewhere in this country to be of much promise. H. J. Elwes of England procured a quantity of seeds of *Pinus Laricio* in Bosnia, which he sent to Dr. Sargent a number of years since. These are growing with remarkable vigor in the arboretum, and some of the same seedlings which were given to the Board of Park Commissioners are growing with similar vigor in the pinetum, Highland Park, Rochester, N. Y. It is, therefore, possible that a different geographical variation of this pine may do better in this country than those which have been grown hitherto. *Pinus Laricio* does remarkably well in the British Islands, and is of considerable economical importance.

Perhaps the most important pine in the two-leaved group for planting is the red pine, *Pinus resinosa*, a common northern native. It is one of the most important pines for planting in New England and the northeastern states. There is a beautiful group of it in the arboretum, and Dr. Sargent has a very high opinion of its highly decorative value. In a young state the red pine has a general resemblance to the Austrian pine, and is sometimes mistaken for it. The leaves, however, are not as heavy as in the Austrian pine, and they are a much lighter green. For some reason the red pine is difficult to procure in American nurseries which is unfortunate. I have been asked occa-

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sionally by different planters where the red pine could be procured and I have been unable to give any information on the subject. Any American nurseryman who has a stock of it should not fail to make it known.

JOHN DUNBAR.

W. Van Kleef & Sons,  
Wholesale Growers of Nursery Stock  
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2-year-old plants..... \$0 15 \$1 75 \$12 00  
3-year-old plants..... 20 2 00 15 00

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Each Doz. 100  
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CLEMATIS — Large Flowering  
2-yr...ea... \$0 30; doz., \$3 00; per 100, \$20 00  
3 yr...ea... 40; doz., 3 60; per 100, 28 00  
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Gypsy Queen, Nellie Moser.  
Henryii, Sieboldi.  
Jackmanni, Ville de Lyon.  
Mme. Baron Veillard.

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Each Doz. 100  
Seedlings from flats..... \$0 50 \$2 50  
1-yr. old from 2-in. pots..... 20 60 4 00  
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3-yr. old clumps..... 20 2 00 15 00  
4-yr. old clumps..... 35 3 60 25 00

ROSES — Field-Grown Stock  
Each, 20c; dozen, \$1.75; per 100, \$14.00  
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Fisher Holmes, M. P. Wilder.  
General Jack, Ulrich Brunner.  
John Hopper.

Each, 25c; dozen, \$2.00; per 100, \$15.00.  
American Beauty, Paul Neyron.  
Crimson Rambler, Philadelphia Rambler.  
Dorothy Perkins, Rugosa Alba.  
Farben Konigen, Rugosa Rubra.  
La France.  
Each Doz. Per 100  
American Pillar..... \$0 35 \$3 50  
Baby Rambler, 2-yr..... 2 00 14 00  
3-yr..... 2 50 16 00  
Blue Rambler..... 35 3 50 27 50  
Climbing Baby Rambler..... 75 8 00  
Crimson Rambler, 2-yr..... 2 00 15 00  
Dorothy Perkins..... 25 2 00 15 00  
Hiawatha..... 30 2 00 15 00  
Jessie..... 50 2 50 20 00  
Kaiserin Aug. Victoria..... 2 50 18 00  
Kilmarney..... 2 50 18 00  
Lady Gay..... 25 2 50 20 00  
Lyon..... 50 2 50 20 00  
Phyllis..... 35 3 00 22 00  
Soleil d'Or..... 2 50 20 00  
Tausendschon..... 3 00 20 00  
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Tree Altheas, Tree Lilacs  
4 to 5 feet fine well branched tops on straight stems, named varieties..... \$25.00 per 100  
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Anthericum Variegatum, 2½-in., \$3.00 per 100.  
Dracena Indivisa, fine 2½-in., for growing on. \$3.60 per 100.

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Holt's Hardy Sage, \$3.00 per 100.  
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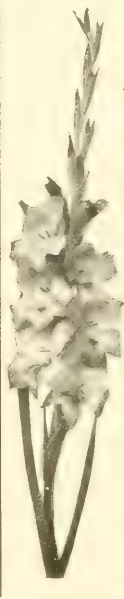
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CHICAGO.

ATLANTIC CITY, N. J.—The Easter business was about the same as last year, reports the Edwards Floral Hall Co. The stock of both plants and cut flowers was adequate to meet the demands and the prices were about the same as in the previous year. Everything in blooming plants that was in good condition sold well. In cut flowers the principal calls were for carnations, gardenias, orchids, violets and sweet peas. Bulbous stock was slow and did not sell well.

ATCHINSON, KANS.—A ten per cent increase over last year, reports the Groves' Greenhouses for this year's Easter trade. The prices were no better and, with the exception of lilies, there were plants and flowers enough to fill all orders. Palms sold well, but sprays were a drug and went slowly. The greatest demand in cut flowers was for roses and carnations.

BOULDER, COLO.—Charles F. Fawcett reports that the Easter business was 25 per cent better than last year. The prices were about the same and the supply of both plants and cut flowers was equal to the demand. The best call in pot plants was for hydrangeas, pink spirea, lilies and azaleas. Roses, sweet peas and violets sold the best in cut flowers. Carnations were not in great demand. The covering of the pot, if with nothing more than crepe paper, pays well and helps the sale.

OAKLAND, CALIF.—The Easter trade will show an increase of 25 per cent over the previous year write Clarke Bros. The supply of cut flowers was equal to the demand and there were plants to spare after the sales were all made. Prices were the same as in years before. The best seller in pot plants was the lily, and cut lilies had the call in flowers, followed by roses and carnations. Callas, which were grown outside, sold in large quantities. The preparations for Easter by the retailers were in general very elaborate, a little too much so in some cases.

LAFAYETTE, IND.—H. Roth is erecting two greenhouses, 26x114 feet, of Foley construction, which, when completed,

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**Stock from 3-in. pots, \$4.00 per 100: Echeveria Glauca; Salvia, Bonfire and Zurich; Swainsona Alba; English Hardy Ivy; Passiflora Cerealis and Floridit; Rose Geraniums**

**Stock from 2½-in. pots, \$2.50 per 100: German Ivy; Copheas; Verbenas, in separate colors; Stevia, dwarf and tall; Snapdragon, giant white and scarlet; Lobellias, double and single blue; Ageratum, blue;**

**Clematis Paniculata; Variegated Ice Plants; Abutilon Savitzi; Rose Geraniums.**

**Carnations**, rooted cuttings from soil \$2.00 per 100 **The Queen, Lady Bountiful, Enchantress** \$3.00 per 100; same variety from 3-in. pots, \$3.50 per 100; **White Enchantress**, 2-in. pots \$3.00 per 100.

**Carnation Dorothy Gordon**, fine plants from 2½-in. pots, \$6.00 per 100; R. C. from soil \$5.00 per 100.

**Chrysanthemum Rooted Cuttings from soil: White Cloud, Pacific Supreme, Bailey, \$2.00 per 100.**

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Magnifica, 2½-inch 15c each.

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Whitman Ferns, 2-in. 25c each. 5 in. 35c.  
Boston Ferns, 5 in. 75c each.  
Vincas Var., 2 in. \$2.00 per 100.  
Dr. caena Ind., 3 in., 75.00; 4 in., \$10.00; 5 in. \$25.00 per 100.  
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| Froment H E..... 787        |                                |                                |                         |                       |
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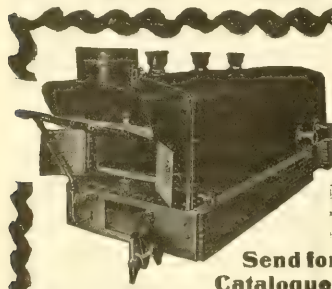
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AGERATUM. The best Blue and White flowering varieties, 2½-in. pots, 40c per doz., \$2.50 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

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Ageratums, rooted cuttings, \$5 per 1,000; 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ageratums, 2-in., \$2 per 100. Geo. M. Emman, Newton, N. J.

## ALOYSIAS.

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Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. H. Davis, Co., Morton, Ill.

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Alternantheras, 2-in., \$2 per 100. Geo. M. Emman, Newton, N. J.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

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Asters, Vick's-Imperial Purity and Daybreak, New Upright and Non-Lateral Branching, in colors, 2½-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

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Sprengeri hanging baskets, 10-in., 75c each to \$1.50. Old fashioned hanging baskets, 70c \$1 to \$1.50. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 3½-in., \$5 per 100; 4-in., \$8. Sprengeri, 3-in., \$4; 4-in., \$7. Resser Plant Co., Springfield, O.

Asparagus plumosus and Sprengeri. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 3-in., \$6 per 100; 3½-in., \$8 per 100. Harry Hehl, West Toledo, O.

Asparagus plumosus, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 4-in., \$5 per 100. A. M. Herr, Lancaster, Pa.

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AUCUBA JAPONICA VARIEGATA. This is a grand plant for the center of vases, green foliage with large yellow spots, very showy plants, 2½ to 3 feet high; well branched, 65c each; \$6 per 100. AUCUBA JAPONICA BERRIED TYPE. Dark green foliage, the plant almost bid with bright scarlet berries, plants 2 feet high, well berried, 75c each; \$8 per doz. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

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AZALEA MOLLIS, extra fine stock, 12 to 15 inch at \$4 per doz.; 15 to 18 inch, \$6 per doz. Wagner Park Conservatories, Sidney Ohio.

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Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

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Bedding stock, 3-in. pots, \$4 per 100; English Ivy, Passiflora, corolla and Pfordell, Lemon verbena, moonvine, fuchsias, echveria glauca, Salvia Bonifera and Zurich, Mrs. Parker geranium, Swainsona alba, Stock from 2½-in., \$2.50 per 100; German Ivy, cuphea, fuchsias, Var. Vinca, lobellias, ageratum, clematis paniculata, Var. Ice plant, Abutilon Savitzli, Nymphaea and rose geraniums, verbena stevia, snapdragons. Plants from 2½-in., \$3 per 100; Moonvine, Lemon Verbena, C. Eisele, 11th and Westmoreland, Philadelphia.

Beddings: Petunias, dbl. mixed and single mixed, Colons, C. Bedder, Verschaellit, Hiero, Queen Victoria, Fire Brand, Lyons, etc.; Heliotrope, white and blue; Lemon Verbena, 2-in., \$2 per 100; 3-in., \$3. Cuphea, Salvia Bonifera and Zurich, Lantana, 2-in., \$2 per 100; 3-in., \$3. Alternantheras, 6 vars., fuchsias, 6 vars., Swainsona alba, hardy chrysanthemums, English Ivy, ageratum, Ice and white, parlor Ivy, 2-in., \$2 per 100. Tradescantia, 2-in., \$3 per 100, Colons Brillancy, 2-in., \$3 per 100; 3-in., \$4. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Ask for our price list of Roses, Cannas, Soft Wooded Stock of all kinds for bedding purposes. Also Ferns: Plumous and Sprengeri. Write GEO. H. KUHLE, Pekin, Ill.

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Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Arantha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100; Begonia La Patrie (new) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias and gloxinias in 5-in. Just transplanted, fine plants at 75c to \$3 per doz. Geo. A. Kuhl, Pekin, Ill.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

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Begonias, 4 to 6 flowering varieties, 2½-in., \$3.50; 3-in., \$7.50; 4-in., \$12.50 per 100. Rex, 2½-in., \$6; Special, \$7.50; 3-in., \$10 to \$12.50; 4-in., \$15 to \$25. Geo. A. Kuhl, Pekin, Ill.

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Flowering begonias, 2½-in., 3c; 3-in., 5c. Mosbæk Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Boxwood. For size and prices see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 757 Buckingham Place, Chicago.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

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Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000. Gloxinias, single colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Flake, Kawoon Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Japanese lilies. For price see advertisement elsewhere in this issue. The Japan Horticultural Co., Ltd., Ikeda, Settsu, Japan.

Caladiums, 5-7, 35c per doz.; \$2 per 100; 7-9, 60c per doz.; \$4 per 100; 9-11, \$1 per doz.; 10-12, \$1.50 per 100; 11-15, \$1.75 per 100; \$12 per 1,000. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

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Bulbs. W. J. Eldering & Son, Overeen, Hammen, Holland.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

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Cannas, 3-in., Alp. Bouvier, Buttercup, F. Vaughan, Regadale, J. D. Biele, Jean Tysot, Louisiana, Mme. Crozy, Penn., Pres. Myers, Queen Charlotte, Richard Wallace, \$3 per 100; \$25 per 1,000. King Humbert, \$5 per 100; \$40 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Cannas in large variety, dormant roots and plants. Send for our new price list. CLEAR VIEW GARDENS, Successors to Frank Cummings Bulb and Plant Co., Mendham, Miss. Cannas, 4-in. tubers, 2-in. \$5 per 100; from sand, \$4. Crimson Bedder, Penn. Berat, Flamingo, Egandale, F. Vaughan, 3-in., \$3.50 per 100; from sand, \$2.50. Reeser Plant Co., Springfield, O.

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CANNAS, 4-in., strong plants, Henderson, Peary, Austria, Wyoming, Chicago, Egandale, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

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Canna King Humbert, 3 1/2-in., \$8 per 100. Harry Heint, West Toledo, O.

## CARNATIONS.

### ROOTED CARNATION CUTTINGS.

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|-------------------|-------|------|-------|
| May Day           | ..... | 3.00 | 25.00 |
| White Enchantress | ..... | 3.00 | 25.00 |
| White Perfection  | ..... | 3.00 | 25.00 |
| Enchantress       | ..... | 2.50 | 20.00 |

Satisfaction guaranteed.

DES PLAINES FLORAL CO., Des Plaines, Ill.

### ROOTED CARNATION CUTTINGS.

|                                  |       |       |       |
|----------------------------------|-------|-------|-------|
| March 15 Delivery                | ..... | 100   | 1000  |
| Washington, cerise, a sport from | ..... | 10.00 | 75.00 |
| Enchantress                      | ..... | 6.00  | 50.00 |
| Sangamo, brilliant flesh         | ..... | 6.00  | 50.00 |
| Mary Tolman, pink                | ..... | 3.00  | 25.00 |
| May Day, flesh pink              | ..... | 3.00  | 25.00 |
| Enchantress                      | ..... | 3.00  | 25.00 |
| Alfina, cerise                   | ..... | 3.00  | 25.00 |
| White Enchantress                | ..... | 3.00  | 25.00 |

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Carnations, Dorothy Gordon, plants from 2 1/2-in. pots, \$5 per 100. Rooted cuttings, \$2 per 100. The Queen, fine white variety, R. C. \$1 per 100. Elbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2 1/2-in. pots, \$2 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

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Carnations, Dorothy Gordon, 2 1/2-in., \$6 per 100; R. C. \$5 per 100. Enchantress, W. Enchantress, Lady Bountiful, Elbon, \$2 per 100. C. Eisele, 11th and Westmoreland, Philadelphia, Pa.

Carnations, Winsor, Lawson, Enchantress, 5,000 each, \$25 per 1,000, from black soil. August Erickson, 5437 Foster Ave., Chicago.

Carnations. For varieties and prices, see advertisement elsewhere in this issue. A. M. Herr, Lancaster, Pa.

Carnation Dorothy Gordon, R. C. \$6 per 100; \$50 per 1,000. Joseph Henck, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. N. Zweifl, 21st Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

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The new hardy ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live in the garden during the winter. We have pleasure in offering this new plant, as well as all the others it is absolutely hardy, standing over the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By winter, fall, and spring, it can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give as much satisfaction as the Hardy CARNATION CRIMSON KING. 2 1/2-in. pots, per doz., \$1.25 per 100, \$8; per 1,000, \$75. 25 plants sold at \$40 rates; 250 plants at 1,000 rates. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CHRYSANTHEMUMS.

Chrysanthemums, strong, rooted cuttings, Mrs. Robinson, 2000, Col. Appleton, V. Morel, Robt. Halliday, Golden Glow, Estelle, Pacific, Ivory, Garza, M. Wanamaker, Amorita, Pidelity and baby yellow pompon, \$1.75 per 100; \$15 per 1,000. Cash on order. FRANK BEU, 4435 N. 40th Ave., Chicago.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. J. D. Thompson, Canton, O., Oct. 11.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, Glory of Pacific, 2 1/2-in., 2c; Dr. Enguehard, 3-in., 3c. Mosbeck Greenhouse Co., Onarga, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Hardy chrysanthemums, all colors, \$3 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

Clematis paniculata Grandiflora, strong one-year field-grown, \$6.50 per 100; \$60 per 1,000. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

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Clematis. For varieties and prices see advertisement elsewhere in this issue. J. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Eisele, Philadelphia, Pa.

Clematis paniculata, 2 1/2-in., \$2.50 per 100. Reeser Plant Co., Springfield, O.

Clematis paniculata, \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COBEAS,

Cobea scandens, 3-in., 4c; 4-in., 10c; GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

COLEUS. All the leaders, except yellow foliaged varieties, 2 1/2-in. pots, \$2 per 100; \$19 per 1,000. COLEUS yellow foliaged varieties, 2 1/2-in. pots, \$2.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus Verschaffeltii, 3-in., \$4 per 100. Fletcher, 4-in., \$4 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Coleus, G. Bedder, Verschaffeltii and standard mixed, \$6 per 1,000. Giant leaved at \$1 per 100. A. M. Herr, Lancaster, Pa.

Coleus, Golden Bedder, Verschaffeltii, and others, stocky plants, 3c each. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 6 to 10 varieties, 75c; \$6 per 1,000; R. C. 2 1/2-in., \$2.50 per 100. Geo. A. Kuhl, Pekin, Ill.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 10 vars., 2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbeck Greenhouse Co., Onarga, Ill.

## COREOPSIS.

COREOPSIS LANCEOLATA GRANDIFLORA. Invaluable for cutting; held plants delivered, \$2.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CROTONS.

CROTONS. We offer twenty of the choicest varieties of crotons, suitable for bedding 2 1/2-in. pots, 60c per doz.; \$4 per 100; \$35 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Crotons, 5-in., 75c each; \$9. per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

CYCLAMEN GIGANTEUM. The finest strain, 2 1/2-in. pots, \$4 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

CYCLAMEN. Best varieties in different colors, 2 1/2-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedham Bulb Co., Santa Cruz, Calif.

Cyclamen, well grown, fine strain, 4-in., 15c per 100; 5-in., \$25 per 100. Skidslay & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

Cyclamen, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

DAHLIAS, in 60 best varieties, all classes and colors; divided field tubers, 75c per doz., \$6 per 100. DAHLIAS, green plants from 2 1/2-in. pots. These will bloom best of all, in 100 leading varieties, 50c per doz., \$4 per 100. Our new list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Dahlia, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlia, hollyhocks, hardy plants, etc. Prices reasonable. W. W. Wilmore, Box 382, Denver, Colo.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia, leading, 2-in., \$2 per 100 and up; 1,000 our selection, 10 to 20 to clump, \$18.50. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Dahlia, field-grown divided clumps, Nymphs, \$3 per 100. Luther Maynard, Rd. 13, Kluexville, Tenn.

Dahlia, \$1 special offer by mail, postpaid, 12 new and best. Peacock Dahlia Farms, Williamstown, N. J. Postoffice, Berlin, N. J.

## DAISIES.

DAISY SHASTA, from 2 1/2-in. pots, \$3 per 100; field-grown plants, 75c per doz.; \$6 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Giant Double Daisy, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kealthworth, N. J.

Daisies in bloom and bud, 3-in., \$7.50; 4-in., \$12.50 per 100. Geo. A. Kuhl, Pekin, Ill.

Daisy seedlings, \$4 per 1,000. GEO WITTBOLD CO., Edgebrook, Chicago, Ill.

## DRACENAS.

DRACENA INDIVISA, from 2 1/2-in. pots, \$3 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. Dracena indivisa, 5-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettin Floral Co., Hartford, N. Y.

Dracena Indivisa, 5-in., \$20 per 100. Harry Heint, West Toledo, O.

Dracena indivisa, 2 1/2-in., 3c; 3-in., 5c. Mosbeck Greenhouse Co., Onarga, Ill.

Dracena indivisa, 4-in., 10c per 100. Geo. M. Emmans, Newton, N. J.

Dracena Indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia, O.

## FERNS.

Ferns. Fine stock from 2 1/2-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern), NEW. See display advertisement March 26th issue, page 428, of American Florist. The grandest of all ferns. We book your order now for June 1st delivery, \$3.50 per dozen; \$25 per 100; \$200 per 1,000. Nephrolepis Bostonica (The Boston fern), \$3.50 per 100; \$25 per 1,000. Nephrolepis Davallifolia Ferns (The Fish Tail fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), an improved fern, \$3.50 per 100; \$25 per 1,000. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springfieldii (The Springfield fern), upright fern for masses, \$3.50 per 100; \$25 per 1,000. Nephrolepis Superbissima (The Fluffy Ruffles fern), NEW, \$1 per doz.; \$6 per 100. Nephrolepis Whitmanii (The Ostrich Fern), \$3.50 per 100; \$25 per 1,000. Nephrolepis Harrisii (The Harris fern), a sport from Nephrolepis of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Ferns, Boston and Scottii, 2 1/2-in., 4c; Scottii, Pierson, Boston, 3-in., 8c; Elegantisima, and Whitmanii, 2 1/2-in., 5c; 3-in., 10c. Boston, 10-in., \$1; 12-in., \$1.50. Mosbeck Greenhouse Co., Onarga, Ill.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$5 per 100; \$60 per 1,000; 500 at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Ferns, Boston, 2½-in., \$4 per 100. Scotti, 4-in., \$25 per 100. Storrs & Harrison Co., Painesville, O.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Rescor Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 6-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns, Boston, Elegantiissima 4-in., fine stock, \$2 per 100; \$2.25 per 100; \$2 per 100, \$20 per 1,000. Wagner Park Conservatories, Sidney, O.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechslin, 4011 Quincy St., Chicago.

Ferns. For varieties and prices see advertisement on front cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Neph. Glatrasi, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatrasi, 463 Summit Ave., West Hoboken, N. J.

Boston ferns, 10-in., \$2.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

Ferns. Bobbink & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew. Little Gem, the best, \$1.25 per 100; \$100 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Feverfew, large double white, R. C. \$1 100, prepaid. Chas. Frost, Kenilworth, N. J.

Feverfew, double white, 2½-in., 2½c. Mosbek Greenhouse Co., Onarga, Ill.

## FIGUS.

FIGUS ELASTICA. Rubber plants, fine stock, \$4 per doz.; \$30 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Figus Pandurata, 3 to 7 ft., \$1.50 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

## GERANIUMS.

ROOTED GERANIUM CUTTINGS. Choice stock for immediate delivery. Nutt, Grant, Coffey, Buchner, strong top cuttings ready for 2½-in. pots, \$1.25 per 100; \$10 per 1,000. The W. T. Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favor, R. C. \$1.25; 2-in., \$2 3/4; 3-in., \$4 per 100. Vland, Castellane, Poitevine, Jaulin, Ricard, Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, nice stock plants, bud and bloom. S. A. Nutt, Ricard, Poitevine, Buchner, 4-in., \$7 to \$8; 3½-in., \$6 per 100. Good plants, guaranteed. Cash with order. Gus Schuch, Onarga, Ill.

Geraniums, standard varieties, 2½-in., \$5 per 100; \$25 per 1,000; 4-in., \$8; 5-in., 15c; Rose geraniums, 2½-in., 2½c; 3-in., 4c. Mosbek Greenhouse Co., Onarga, Ill.

Red Wing, the best 1910 novelty, deep carmine, 75c per doz.; \$8 per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Geraniums, S. A. Nutt, and 6 others, 3-in., \$5 per 100; 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, large healthy plants, 4-in. pots, \$10 per 100; \$80 per 1,000. Cash with order. Frank Felke, Wilmette, Ill.

Geraniums. About 10,000 left, mostly red, 4-in. in bud and bloom at \$8 and \$9 per 100. Geo. A. Kuhl, Pekin, Ill.

Geraniums. For varieties and prices see advertisement on front cover page of this issue. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Geranium Mme. Sallerol, 2½-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geranium Mme. Sallerol, \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

Geraniums, 5-in., large stock plants, \$15 per 100. Geo. A. Kuhl, Pekin, Ill.

Geraniums, R. C. Nutt, Ricard, Poitevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 3-in., \$5 per 100; 4-in., \$8 per 100. Otto J. Hembreker, Lincoln, Ill.

Geraniums, rose and other kinds. J. C. Schmidt, Bristol, Pa.

## GREENS.

Greens, darger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cottons & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

## HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Helianthus Multiflora, d. pl., \$10 per 1,000. Garden pinks, Lychins Hagena, Pyrethrum, Gallardia grandiflora, and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phlox, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Hardy perennials. Wm. Tricker, Arlington, N. J.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotrope, rooted cuttings, \$1 per 100; \$8 per 1,000; prepaid. C. Humfeld, Clay Center, Kans.

Heliotrope, rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Heliotrope, R. C. \$1 per 100. Geo. M. Emmans, Newton, N. J.

## HOLLYHOCKS.

Hollyhocks, double, field-grown, large blooming size, separate colors, red, white, pink, yellow, maroon, bronze and black. Also Albany strain in mixture, all at \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue. W. W. Wilmore, Box 382, Denver, Colo.

## HYDRANGEAS.

Hydrangea Arborescens Grandiflora Alba or (Hills of Snow) NEW, 2-year-old field-grown, 3 to 5 canes, \$2 per doz.; \$12 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins. \$5 per 100; 2 to 3 feet, \$6; 3 feet, \$7. Tree shaped, 3 to 3½ ft., \$8; 3 to 4 ft., \$10. J. H. Dann & Son, Westfield, N. Y.

Hydrangea Ottaka in bloom, specimens, \$2 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

Hydrangea Ottaka, 5 and 6-in., 50c; 2½-in., \$5 per 100; 4-in., \$12.50 to \$15. Geo. A. Kuhl, Pekin, Ill.

Hydrangea paniculata grandifl., 4 to 5 ft., \$20 per 100. Storrs & Harrison Co., Painesville, O.

## IVY.

ENGLISH IVY, from 2½-in. pots, 50c per doz.; \$2 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

HARDY ENGLISH IVY. Three plants out 3-in. pot, 12 to 16 ins. long, \$5 per 100. Cash with order. S. V. Smith, 3232 Goodman St., Philadelphia, Pa.

English ivy, 5 to 10 in a pot, 10 to 20 cent, long, 150 marks per 1,000. F. Borowski, Colnlezen-on-Rhein, Germany.

Ivy, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

Ivy, R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

## JASMINES.

Cape jasmynes. See advertisement elsewhere in this issue for prices. T. W. Carlton, Alvin, Texas.

Jasmine buds, \$1 to \$1.50 per 100; \$8 to \$13 per 1,000; 500 at 1,000 rate. Woodward Floral Co., Alvin, Texas.

## LANTANAS.

LANTANAS. Best Dwarf Bedders, five distinct colors, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## LEMONS.

PONDEROSA LEMON, gigantic fruit, 2½-in. pots, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## LILACS.

Lilacs. Jacs Smits, Lt., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley, Premium select, \$13.50 per 1,000. Premium \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, Chicago Market Brand, \$2 per 100; \$19 per 1,000. The Florists' Money Maker, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

Lily of the valley, cold storage plants, case of 1,000, \$13; case of 3,000, \$36. J. M. Thorburn & Co., 33 Barclay St., New York.

## MOONVINES.

Moonvines, Ipomea Maxima, the giant dowering; flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around. 7 2½-in. pots, \$4 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, 2½-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

## MUSHROOM SPAWN.

Mushroom Spawn. Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.

## NIEREMBERGIA.

Nierembergia gracilis, indispensable for fine blue or basket work, 2½-in., \$3; R. C. \$1. W. J. Olds, Union City, Pa.

## NURSERY STOCK.

Trees, Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dyebrus, 6 to 8 ft., 50c. Acer Negundo, 8 to 10 ft., \$1. Salix Americana, 7 2½-in. pots, \$1.25. Alnus Montana pendula, 10 to 12 ft., 25c. Populus Moniflora, 2 to 2½-in., 75c. Shrubs, Cornus Siberica, 3½ to 4 ft., 25c. Spiraea Sorbifolia, 2½ to 3 ft., 20c. Thunbergii, 2½ to 3 ft., 25c. Symphoricarpos Racemosus, 4 to 5 ft., 35c. S. Vulgaris, 2½ to 3 ft., 20c. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

NURSERY STOCK. Early Richmond Cherry, 2-yr., 1½-in. stems, 7 to 8 ft., trees, 50c each. Dyebrus Cherry, 2-yr., 18-in. stems, 7 to 8 ft., trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Tree hydrangeas, tree lilacs, tree altheas, 4 to 6 ft., \$25. Mermaid, Berberis Thunbergii, 2 to 3 ft., \$12 per 100. Jackson & Perkins Co., Newark, N. Y.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, blue spruce, berries plants, climbing plants, clematis, conifers, evergreens, fuchsias, Japan maples, hydrangeas. Jacs Smits, Ltd., Naarden, Holland.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, arbor vite (Thuja occidentalis), 3 to 4 ft., 4 to 5 ft. trees. The Wm. H. Moon Co., Rutledge, N. Y.

Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORANGES.

OTAHETTE ORANGE, 2½-in. pots, 50c per doz.; \$3.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 238 Broadway.

Orchids, Largest stock in the country. Julius Leech Co., Rutledge, N. Y.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

Orchids, all commercial, cattleyas and novelties. Carrillo & Baldwin, Mamaroneck, N. Y.

## PANDANUS.

PANDANUS UTILIS, 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.



**PANSIES.**

50,000 FIELD-CROWN pansy plants, never under glass, strong, bushy plants. THE KIND THAT SELL, \$20 per 1,000. Chas. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

Pansies, large field-grown plants, 1 1/2 per 100 (French strain) all colors. The Brill Celery Gardens, Kalamazoo, Mich.

Pansies, large lot of transplanted seedlings at \$1.50 per 100. Geo. A. Kuhl, Pekin, Ill.

Kentworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kentworth, N. J.

**PALMS.**

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Leticia Barb., 3-in., \$3 per doz.; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phoenix Canariensis, 2 to 2 1/2 ft., 65c; 2 1/2 to 3 ft., 75c; 3 to 3 1/2 ft., \$1; 3 to 4 ft., \$1.25. Maria Nurseries, Santa Barbara, Calif.

Palms, For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

Palms, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms, Julius Roehrs Co., Rutherford, N. J.

Palms, Bobbink & Atkins, Rutherford, N. J.

**PEONIES.**

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all vars. Jacs Smits, Naarden, Holland.

**PENNISETUMS.**

Pennisetum Rupestris, 2 1/2-in., \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**PEPPERS.**

Christmas peppers, 2 1/2-in., \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**PHLOX.**

Phlox. We offer fifty thousand hardy phlox in 10 leading varieties, all colors, held-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Phlox, Miss Lingard, 75c per doz.; \$6 per 100; clumps, \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox, hardy, White and Birdseye, \$5 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**POINSETTIA.**

Poinsettias, 2 1/2-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irvin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2 1/2-in., \$5 per 100; \$45 per 1,000. Scautout Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

**PRIMULAS.**

CHINESE PRIMROSES, from finest strain, 2 1/2-in. pots, 50c per doz.; \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primula kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

**PRIVET.**

California privet, 2-year, transp., 3 to 4 ft., \$50 per 100; 2 to 3 ft., \$25 per 1,000; 18 to 24 ins., \$20 per 1,000; 12 to 18 ins., \$17.50 per 1,000. Jackson & Perkins Co., Newark, N. J.

**RHODODENDRONS.**

RHODODENDRON CATAWBIENSIS the very true variety growing on 12 buds \$4.50 per doz.; 12 to 20 buds \$8.50 per doz.; 25 to 30 buds, \$9.50 per doz.; 3 to 3 1/2 feet, extra heavy, \$1.50 each. Wagner Park Conservatories, Sidney, Ohio.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Rhododendrons, 18 to 24-in., \$75; 24 to 30-in., \$100. Storrs & Harrison Co., Painesville, O.

Rhododendrons. Bobbink & Atkins, Rutherford, N. J.

Rhododendrons. Jacs Smits, Naarden, Holland.

**ROSES.****ONE-YEAR OLD****AMERICAN BEAUTY\* BENCH PLANTS.**

\$6.00 per 100; \$50.00 per 1,000.

GEORGE REINBERG,

102 N. Wabash Ave.

Chicago.

Roses. Dreer's Select potted roses for outdoor planting. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia, Pa.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Fochmann Bros. Co., Morton Grove, Ill.

Roses, Am. Beauty, 2 1/2-in., \$60 per 1,000; smaller stock, \$50 per 1,000. E. G. Hill, Richmond, Ind.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses, Beauties, bench plants, \$5 per 100. Maida and Bridges grafted bench plants, \$3 per 100. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Roses on own roots, budded, budding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Rose, Baby Rambler, 6-in., fine plants, 50c each. Geo. A. Kuhl, Pekin, Ill.

Roses. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, 234 W. 14th St., New York.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, all the leading kinds. Leedie Floral Co., Springfield, O.

Tree roses, 4 to 5 ft., \$35 per 100. Storrs & Harrison Co., Painesville, O.

Roses, leading varieties. Leedie Floral Co., Springfield, O.

Roses, hybrid tea. Wm. Tricker, Arlington, N. J.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

Roses. Bobbink & Atkins, Rutherford, N. J.

**SALVIA.**

Salvia, 4 different varieties, 2 and 2 1/2-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. P. Rieth & Co., Downers Grove, Ill.

20,000 transplanted Salvia seedlings. Ball of Fire, Bonfire, Troop Spike and Zurich, \$1 per 100; \$8 per 1,000. Cash, please. P. Rieth & Co., Downers Grove, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia splendens, 2 1/2-in., 2 1/2; 3-in., 5c. Mosbek Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., \$2.50 per 100; 3-in., \$4. Reeser Plant Co., Springfield, O.

Salvia, 2 1/2-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvia, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvia Rofre, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Salvia, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**SEEDS.**

Seeds, Asparagus plumosus nanus, \$2 per 1,000; seeds, 5,000 to 10,000 lots, \$1.75 per 1,000. Asparagus Sprengeri, 50c oz.; postpaid to ship address in the U. S. Price larger quantities on application. Morris & Snow Seed Co., 425 So. Main St., Los Angeles, Calif.

Seeds, aster, best standard varieties, Elmer D. Smith & Co., Adrian, Mich.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, arspang, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Calif.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, pansy, 1,000 seeds 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, cabbage, cauliflower, carrot, mangel, swede and turnip. Chr. Olsen, Odense, Denmark.

Seven Top Turnips, D. Landreth Seed Co., Bloomsdale Farms, Bristol, Pa.

Seeds, specialties, peppers, egg plant, tomato and seeds and field corn. George R. Pedrick & Son, Piedricktown, N. J.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Cal.

Seeds, all kinds. Bridgman's Seed Warehouse, 37 E. 18th St., New York.

Seeds, Landreth Seed Establishment, Bloomsdale Farms, Bristol, Pa.

Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster, Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 35 Barclay St., New York.

Seeds, cabbage, cauliflower or root seeds. L. Danfield, Odense, Denmark.

Seeds. Burnett Bros., 72 Cortlandt St., New York.

Seeds, all kinds. W. W. Johnson & Son, Ltd., Boston, England.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seed, pansy, Matchless, \$1 per oz. Masterpiece, \$3 per oz. J. Sambridge, Mandeville Road, Epsford Lock, England.

Bermuda onion seed. Whitford Bros., Port Oratory, Tenerife, Canary Islands.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, Cosmos and other flower seeds. John Bodzer & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Robert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds. Growers for the wholesale trade only. Brazilian Seed Growers' Co., San Jose, Calif.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

**SMILAX.**

Smilax, Wood Bros., Fishkill, N. Y.

**SNAPDRAGONS.**

Snapdragons, pure pink, best seller of all snapdragons. R. C. \$2 per 100; \$18 per 1,000; prepaid; 2-in., \$3 per 100; \$25 per 1,000; 500 at 1,000 rate. Cash. Clement S. Levis, Aidan, Delaware Co., Pa.

Snapdragons, 2 1/2-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**STOCKS.**

Stocks, English double Ten Weeks, extra fine stock, flowering for Decoration Day; separate colors, 4-in., 5c. Mosbek Greenhouse Co., Onarga, Ill.

**STRAWBERRY PLANTS.**

Strawberry plants, Senator Dunlap, \$2.50 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**SPIREAS.**

Spiraea Gladstone, Queen Alexandria, 6-in. in bloom, \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Spiraea, J. Smits Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2 1/2-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

**TRITOMAS.**

Tritoma Pfitzeri. Large field clumps, \$1.50 per doz.; second size, \$1 per doz. Cash. Chas. J. Tracht, Gallion, Ohio.

**VEGETABLE PLANTS.**

Asparagus roots, Conover's Colossal and Palmetto, 3-yr., 50c per 100; \$4 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

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The dependable kind—the kind that pays to pay for. We will install a system complete, or sell you any part. All our boilers, all our cast iron pipe and fittings are made at our own foundry. Save the middleman's profit. Buy of the manufacturer. Write us.

**Hitchings & Co.** General Offices and Factory  
ELIZABETH, N. J.



Pot tomato plants, best early varieties, \$2 per 100. Cash, please. F. Windeler, Rushville, Ind.

Tomato Ponderosa, 2½-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

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VERBENAS. Finest seedlings from 2½-in. pots, \$2 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Verbenas. Extra nice lot in 2½-in., at \$2.50 per 100; 3-in. at \$5. Geo. A. Kuhl, Pekin, Ill.

Verbenas, separate colors, 2½-in., \$2 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

### VINCAS.

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid; by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

Vinca variegata, very strong, 3-in., \$6 per 100; 3½-in., \$7 per 100; 4-in., \$10 per 100; 5-in., \$15 per 100. Harry Hehl, West Toledo, O.

Vinca minor, field-grown stock, strong plants, 4c. Vinca Variegata, 2½-in., 2½c; 3-in., 5c; 4-in., 10c. Mosbæk Greenhouse Co., Onarga, Ill.

Vinca variegata, 2-in., 2c; rooted cuttings, \$1 per 100; \$3 per 1000. Russell Bros., Route 4, Syracuse, N. Y.

Vinca variegated, nice stocky plants, long streamers, 12c each. Cash with order. Gus Schlegel, Olney, Ill.

Vinca variegata, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

### VINES.

Vines: MOONVINES, 2½-in. and R. C. VINCAS, 2½, 3 and 4-in.; variegated and green. GERMAN IVY, 2½-in. ENGLISH IVY, 3-in. KENILWORTH IVY, 2½-in. Geo. A. Kuhl, Pekin, Ill.

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#### VIOLET CUTTINGS.

FANCY PRINCESS OF WALES.

\$12 per 1,000.

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Gold Fish, Aquarium plants, Castles, Globes and all Supplies. Large Japanese and American Breeding Fish. Send for catalogue.

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Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

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Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerrmoor, Pa.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

### POTS, PANS, ETC.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

## And This is Our Third Talk on Which House is the Cheapest.

OH yes, it is the Sash Bar Clasp this week.

You who put up wooden houses have been toe-nailing your bars to wooden plates or gutter and can now see that what you saved in cost of materials over our patent plate and gutters, you more than lost in the extra time it took in erecting the wooden ones.

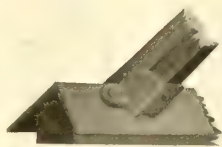
This clasp of ours is made to do three things and it does them.

Leads off all condensation, and makes a dry wood to iron joint.

Stops end rot.

Acts as a stiffening brace to the roof.

It is used on all our cast iron gutters and on the galvanized Ice-Clearing Eave Plate. It is bolted directly to either gutter or plate at accurately spaced intervals, holes for which are always drilled at the factory.



This shows a section of the eave plate with clasps bolted to it and screwed to bar.

The bar is held in place by a screw at the bottom. You see the sides of the clasp further prevent any possible side movement—one reinforces the other.

It is at the eave your house first gives out, then why not first make that strong?

Then there are two mighty strong reasons why these special iron parts make our Semi-Iron House the cheapest—First, they save you time in erecting.

Second, They save you time and money after erection, by making a house that will outlast three wooden ones. And now that you are convinced that so far we are absolutely right, we next week want to talk over with you our Clamp Column fittings and that famous Giant Arch.

## Lord & Burnham Co.,

New York  
St. James Building.

Boston  
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Factories:  
Irvington, N. Y. and  
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Philadelphia  
Heca Building.  
Chicago  
The Rookery.

Pots of all kinds. L. Hudnka Pottery Co., 2619 Herndon St., Chicago.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 8 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokahama Nursery Co., Ltd., 31 Barclay St., New York.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO., 131 East 26th St., NEW YORK.  
Mention the American Florist when writing





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Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2 inch inclusive with arms to carry 8-inch or 12-inch boards.

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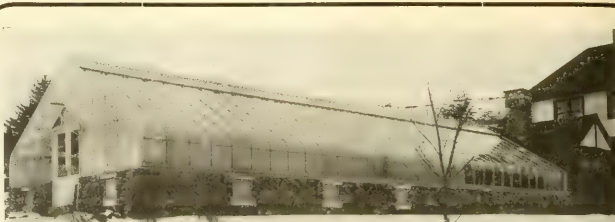
Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind.

SALEM, ORE.—Ruef Bros. state that the Easter sales this year were about the same as during the Easter of 1910. There was very little difference in the prices which prevailed at that time, and the supply of both plants and flowers was not equal to the demand. In the potted plants, everything sold well, especially lilies, and carnations were the best selling cut flowers.

SAN DIEGO, CALIF.—The directors of the Panama-California Exposition offer \$1,000 for a new rose, which shall be known as San Diego, to be used in profusion on the grounds of the exposition in 1915. The offer is extended to every florist in the United States. The restrictions are that the rose must be hardy, the competitors must be residents of the United States, and they must make known to the floral association their intention to compete.

PORTLAND, ME.—The Easter sales this year were fully equal to the same period last year with, perhaps, a slight increase, writes L. C. Goddard. There was very little change in the prices except on carnations, which were lower. The supply of plants was fully equal to the demand and there was plenty of everything in the cut flower line except violets. All flowering plants sold well, there being the most demand for lilies. In cut flowers bulb stock went slowly and carnations sold best.

SIoux CITY, IA.—Everybody did a big business at Easter, writes Rocklin & Lehman. The demand for pot plants was excellent, the sales of these were double the amount of last year. Cut flowers sold well, carnations being the



## Some Facts About The U-Bar

It was invented by two practical men—each standing high in his particular line. One a successful grower, who knows plant requirements from A to Z; the other a greenhouse builder of wide experience.

The main principle of the U-Bar these two men worked out first, and then came months of minor problems upon which the success of the construction depended quite as much as on the U-Bar itself.

Then an experimental house was erected and theories proven to be facts. Then and not till then was a single U-Bar house sold. You know that no construction has yet been perfected that can approach it for demonstrated lightness, attractiveness and durability. Send for Catalog.

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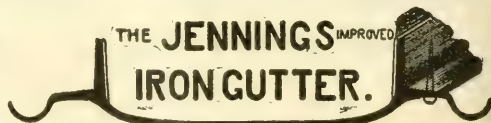
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Use our patent  
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of Louisiana Cypress and  
Greenhouse Hardware and Posts.



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Washington Red Cedar,

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Our grade invariably the best, our prices right.

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favorite, closely followed by roses. There was also a great demand for violets, but they were not of first quality. Church decorations used a great

many potted plants, especially lilies. Some of the greenhouse people opened up branch stores, disposing of a great many lilies and blooming plants.

# Tobacco Paper "Nico-Fume" LIQUID

IS THE  
STRONGEST  
BEST PACKED  
EASIEST APPLIED

Furnishes the  
Most Nicotine for the Money!

OVER 40% NICOTINE

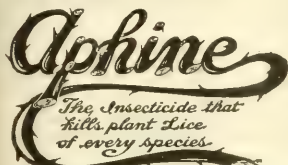
By far the  
CHEAPEST

JUST NOTE PRICES

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| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 8.50    |
| 288 sheets.....  | 6.50    |
| 1728 sheets..... | 85.10   |

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

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| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 47.25   |



Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects.  
An excellent cleanser for decorative stock.  
Used as a spray you can rely on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

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An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material.  
It has no equal for destroying mildew on roses and carnation rust.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.  
Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park department and state colleges of the country.  
Aphine and Fungine can be used in house or field.

Manufactured by

Aphine Manufacturing Company  
MADISON N. J.

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

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The tank is made of galvanized sheet steel, and in brass.  
The pump is of brass throughout, simple and powerful.  
The mixing device keeps the contents of the tank well stirred up from start to finish.  
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All parts are made to gauge and may be had for repairs.

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## Nikoteen

## Nikoteen

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It does the work when vaporized either in pans, on pipes or over a flame. Full Pint Bottles, \$1.50.

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All Seedsmen.

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INSECTICIDE AND FUNGICIDE

For the Garden, Orchard and Greenhouse

Non-poisonous and harmless to vegetation.

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

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are easy to kill with  
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Marvelous bargains in Greenhouse Sash and Building Material of all kinds. Corrugated Roofing and Siding, Structural Iron, Gutters, Eave Spouts, Hydrants and Valves, 10,000 feet Rubber Hose, Soil Pipe, Plumbing Material of all kinds, Boilers, Feed Pumps, Flower Pots, etc. Thousands of other articles of interest to Florists or Greenhousemen.

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**300,000 feet of Standard Pipe,** all sizes, will be cut to any length.

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for your Decoration Day Sales. Made of best grade wood shavings. A nest of eight baskets, ranging from 6 1/2 x 3 1/2 inches to 9 1/2 x 13 x 5 1/2 inches. The entire nest for 60c, stained brown or green. Order today and ask for our catalogue of many other styles of florists' baskets.

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Half barrels, (25 gallons) per gal., \$1.76. 5 gal. pails, per gal., \$1.80.

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PRICES ALWAYS RIGHT.

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## Greenhouse Construction

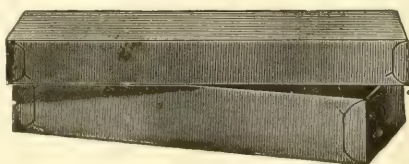
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For GREENHOUSES  
See Our Catalogue.  
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OUR SPECIALTY  
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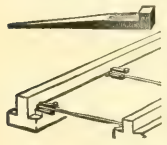
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**SEED STORE**  
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**SIEBERT'S ZINC**  
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Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$  inch. 40c per lb., by mail 45c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

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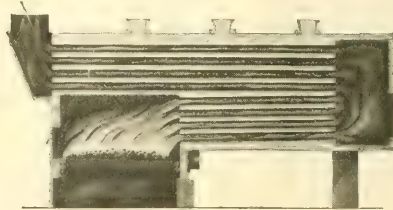
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Made in 9 Sizes

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We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

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tions, it will pay

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you to write us.

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IRON FRAME  
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**Firmly**

See the Point **AT****PEERLESS**

Glazing Points are the best.  
No rights or lefts. Box of  
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FULL SIZE  
Nº 2**Wagner Plant Boxes**

are the best and cheapest in the market for palms, boxwood, bay trees, etc. They are attractive in design, strong and durable suitable for either indoor or outdoor use. Made of cypress which gives them a lasting quality. We manufacture various styles and sizes. Write for prices.

WAGNER PARK CONSERVATORIES Sidney, O.



GATES AJAR.





# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, MAY 13, 1911.

No. 1197

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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Address all correspondence, subscriptions, etc.,  
American Florist Co., 440 S. Dearborn St. Chicago

**SOCIETY OF AMERICAN FLORISTS AND  
ORNAMENTAL HORTICULTURISTS.**

OFFICERS—Geo. Asmus, Chicago, President;  
Richard Vincent, Jr., Baltimore, Md., Vice-  
Pres.; H. B. Dornier, Urbana, Ill., Sec'y; Wm.  
F. Kasting, Buffalo, N. Y., Treas.  
Annual Convention at Baltimore, Md., August,  
1911.

**AMERICAN PEONY SOCIETY.**

Next annual meeting and exhibition June 1911.  
B. H. Farr, Reading, Pa., President; A. H.  
Fewkes, Newton Highlands, Mass., Secretary.

### SUGGESTIONS FOR PLANT GROWERS.

#### Freesias.

The freesia bulbs that bloomed during the winter if properly cared for can now be shaken out of the soil and put away until planting time. Many growers do not seem to understand that the freesia bulbs forced are just as good for next season as are those that are bought, for unlike the narcissus and other Dutch and French bulbs, the freesia is growing and blooming at its natural season and is not what might be called forced. When the bulbs are shaken out of the soil they should be sorted and the larger ones saved for planting. It hardly pays to keep the small bulbs unless it is desired to increase the stock. If this is desired the small bulbs may be sown quite thickly in flats or under a bench where there is considerable light, and while they will not produce flowers will grow blooming bulbs for another year. To have freesia for Christmas the bulbs should be started early in July. Pick the bulbs over, and by close examination some will be found on which the young root eyes are beginning to swell. These should be taken for the early planting. The soil in which freesias are grown should have at least one-quarter sand incorporated in it in order to get the best and largest flowers, the balance of the soil being good compost. After the bulbs are planted they should be placed in a dark, cool place until the growths appear, but should be removed to the light as soon as the green tips are seen emerging from the soil.

#### Antirrhinums.

If the propagation of the antirrhinum cuttings has not been done the month of June is plenty early enough to raise good plants for next season's blooming. After the long spikes are cut off the plants will make new growths and these will make good cuttings for propagation and will root easily, even without bottom heat. The soft cuttings at this time of the year will require frequent watering to root them successfully, the sand should be kept well saturated and the cuttings sprayed often. Much of the damp off of the cutting bench is caused by dry-

ing out and then watering when the cuttings are in a wilted condition. The cuttings when rooted should be grown in pots, preferably 3-inch, and grown on for fall planting. They should be pinched back to make them branch and kept short all summer. If they become pot bound they will require a shift to larger pots, but in order to obtain spikes of bloom in early winter they should be planted in the bench during September. If planted at this time the roots will get a strong hold in the soil, and the large spikes start to grow before the short days. It is the custom of some growers, however, to grow antirrhinum to follow the chrysanthemums. This can be done by growing the plants in boxes about six inches apart and carefully transplanting after the early chrysanthemums are removed, or they may be grown in boxes six inches wide and six inches deep and the boxes set upon the benches after the chrysanthemums. The plants that are transplanted will not bloom as early as those that are benched and planted in the boxes and grown along without any check. If the plants are carried along in pots until November and then benched they will not bloom until early spring.

#### Dahlias.

The proper time to plant dahlias outside depends greatly upon the section of the country and the season, but they should not under any circumstances be placed in the open until all danger of frost is passed. But if the weather is not sufficiently warm to plant outdoors the plants are much better off in cold frames, where they may be given plenty of air, which will produce a nice stocky growth, and be hardened off a little preparatory to planting out. If the plants are left in the greenhouse they will require much more care and extra room to space them out in order to prevent their becoming drawn, both important items at this time of the year. Where the season is far enough advanced to allow them to be planted out the ground should be made ready. In selecting the location a place protected from high winds is much preferable, and one that can be protected

## Next Week

# Memorial Day Number

Advertise all Specialties  
for Great Flower Holiday

Send Advs. Early.



from early frosts in the fall will extend the season of blooming. The ground should be well spaded and a fairly good coating of manure worked in, but do not make the ground too rich or a fall, sappy growth will be encouraged, which will not flower early. It is much better not to manure too heavily before planting, and when the plants begin to bloom give them a top dressing of manure or complete fertilizer which can be worked into the soil. The plants should be set from two to three feet apart in the row, and if there is plenty of room the rows about four feet apart. Where roots are planted do not allow more than two shoots to grow, in fact, one is more preferable and will give finer blooms if the season is unfavorable. The earlier blooms which the plants produce are generally of the best quality, and if a succession of first-class blooms is desired it is advisable to make a succession of plantings, but each variety has its peculiar characteristics and to produce the best quality of bloom will require a constant study on the part of the grower.

#### Ficus.

The demand for rubber plants is not nearly as large as it was a few years ago, yet there is always a steady call for plants in the fall and during the winter and plants propagated in June will make good small stock for the winter. There are always plants that are either too tall or have lost the lower leaves so that they are no longer ornamental, and the top cuttings may be rooted at this time. Where there is no propagating bench with a large degree of bottom heat it is better to root them on the plant. Some growers cut a ring around the stem and moss the cut, but we have found it far better to cut the stem about half way through, six or eight inches below the top leaf, and press into the cut a small piece of wood, about the size of a match, in order to keep the cut open, fill the cut full of wet sphagnum moss and bind moss upon the stem all around the cut and tie it on with raffia. This should be securely tied on, for with the necessary watering and syringing, if not securely bound will be washed off. The plants should be then placed in a warm moist house where there is but little ventilation and the temperature maintained between 80° and 90° during the daytime and the ventilators closed early to hold the heat during the night. Be sure and keep the moss wet all the time and under these conditions the roots will be seen coming through the moss frequently in three weeks' time. The cutting should then be taken off just below the moss and potted and kept in the moist, warm house for a week or ten days until the roots have got a good hold in the new soil. After the young plants have begun to grow they are much better in frames, shaded with laths, during the remainder of the summer, that the plants may not grow too rapidly and become tall with the leaves too far apart. The old plants should be cut way back, after the cutting is taken off, to about ten inches from the pot and watered sparingly until new growths start, depending mainly upon the syringing, and will make good branched specimens.

PORTSMOUTH, O.—The Herms Floral Co. has purchased a new International Harvester truck for delivery purposes.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Mothers' Day.

The observance of Mothers' day is increasing very rapidly and will be more general this year than last, additional states and cities have issued proclamations. There seems to be a doubt in the minds of some as to the date of the observance but the second Sunday in May is the proper day and Governor Deneen of Illinois has issued a proclamation and following is the proclamation of Mayor Harrison of Chicago.

"To the Citizens of Chicago: Whereas, The inauguration last year of a memorial known as Mothers' day, dedicated to the love and reverence which all persons owe their mothers, met with the spontaneous and cordial



Z. D. Blackistone.

approval of the people of Chicago; and,

"Whereas, The duty of faithful care, and devotion to our mothers, if they are living, and the sentiment of loving remembrance, if they have passed away, are recognized as constituting one of the greatest influences for the betterment of mankind; and,

"Whereas, The governor of the state of Illinois has proclaimed the observance of Sunday, May 14, as Mothers' day and urged upon all citizens the recognition of the memorial;

"Therefore, I, Carter H. Harrison, mayor of the city of Chicago, hereby proclaim the observance of Sunday, May 14, as Mothers' day as a worthy one and call upon all the citizens of this city to join in honoring the celebration by attendance at commemorative public ceremonies or in such other manner as may be deemed appropriate."

**MEMORIAL DAY** this year will mark the fiftieth anniversary of the outbreak of the great Civil War, and the decorations will be more numerous and elaborate than ever before.

### Special Sales.

Address of Z. D. Blackistone before the Florists' Club of Philadelphia, May 2, 1911.

About six months ago I received an invitation to come over and address the Florists' Club of Philadelphia, and feeling quite puffed up at your compliment, I advised Chas. Meehan of my acceptance. However, as the time approached I began to realize that in exchange for your fine compliment I was expected to come over here and tell you lots of things that you know already and some that you had never heard before. I was reminded of the darkey wedding down in the good old state of Virginia, as narrated by an old colored mammy. After describing the affair in detail and telling of all the good things to eat and what kind of dresses everyone wore and how the bride looked, she was asked about the groom. Her reply was, "Don't you know that good for nothing nigger never showed up." I was tempted to play the part of the good-for-nothing nigger.

You have asked me to tell you something of the value of special flower sales in a retail store as a means of advertising. Therefore, to speak on this subject, I shall rely mainly on my own personal experiences. This will necessitate the frequent reference to myself and business, which I trust you will not consider egotistical, but simply given for the purpose of throwing more light on the subject matter.

My business career began in November, 1898, when I started in a very small store and on a very small capital. For the first five or six years my business continued to grow and it seemed so easy that I wondered why everybody did not go in business. Then competition in the neighborhood became keener and business seemed to stop growing, but the expenses continued to increase just the same. Things went on in this way for several years, when I awoke and realized that I had to be more aggressive and progressive in the conduct of my business if I wished to succeed. Up to this time I had done very little advertising and even that in a very desultory manner, in programs principally, with an occasional advertisement in a special Thanksgiving or Easter edition of a newspaper, given to a newspaper solicitor. My first attempt at special advertising came when I signed a twelve months' contract at \$80.50 a month for a streetcar ad. With this space on my hands I began to get busy to keep it working. My first ads were gotten up something like this: "Blackistone, Washington's Leading Florist, Roses, Violets, Orchids. Telephone —, Address, etc." Well, this went on for several months and I began to wonder if anyone ever read them. My first real attempt at special advertising came when I photographed a small kentia in a jardiniere, had it reproduced and put in my car space, advertising "Special Dwarf Palm and Jardiniere Complete 50 cents, Regular \$1.00 Value." Now notice: this particular ad had run for at least two weeks and we had not had a single call. I then telephoned to the man in charge of the advertisement telling him of my disgust, and ordered new cards substituted, which required about a week to prepare, instead of my "Special Palm" ad. But, mind you, that very day we had calls for our "Special Palm." This was followed up the

next day, and the next, and the next, with frequent calls and these customers were nearly all perfect strangers who had never been in my store before, and many of whom had never heard of Blackstone, Florist. This I consider the best paying advertising I ever did. It not only paid for itself, principal and interest, but continued to pay interest for several years. And would you believe that, still to this day, although the advertisement has been dead for several years, we occasionally have people to come in and ask if we have this article. On this advertisement I cut my eye teeth on the value of special sales as a means of advertising, and I can assure you the lesson has been worth to me thousands of dollars. After this I used a photograph of a table bouquet of carnations any color, arranged with greens, "Special at \$1.00," and then during the spring and summer a spray of carnations with gauze ribbon, "Special at \$2.00." Both these were successful, paying advertisements and good drawing cards.

Now I fully realize that all this, while being pertinent to the subject, is not what your committee had in mind and wanted me to tell you about. What you are really looking for is information on the subject of conservation. How shall we florists manage so that the great glut of the crops of cut flowers, which necessarily must come from time to time, shall not be wasted? How shall we manage that they may prove a useful and profitable help to the florist instead of a bane and a nightmare?

The foregoing I have recited more as an introduction. It shows you the evolutions of practical commercial development as pertaining to the specific subject. Having shown you the experiments which I made and their results, you will readily understand that my mind was now in a receptive mood on this subject. I had finished up my streetcar advertising contract when, at the psychological moment, a friend of mine, representing one of the largest papers, induced me to sign a 10,000 line contract. This was in the fall about four years ago. Just after this I was visited by one of your enterprising commission men and offered a special price on roses in large quantities. You must have had an awful crop of Richmond roses here at that time. Anyhow, they induced me to place a pretty good size order at \$20 per thousand. And now observe the craftiness of the wholesale florist. In this entire first special shipment there was not a rose that was not worth \$1 per dozen and a good many of them were worth and actually sold for \$1.50 and \$2 per dozen. I had placed a large advertisement of my "Saturday Special Rose Sale at 50 cents per dozen" in the paper, and also put a large-size card in the window displaying the roses which we were offering. That day everyone in the store, including the boss, was busy all day. When we closed that night we did not have a Richmond rose unsold in the house. That shipment was a sort of coaxer. I am still trying to get another one like it.

Well, with this as a starter I have continued my "Saturday Special." Roses and carnations are the best for this purpose, but we use all and any kind of flowers that we can buy in quantity, and at a price which will be

an inducement. We have customers who telephone and come from all over town for this sale and we always have it. I have paid 60 cents per dozen for carnations and sold them for 50 cents, giving greens and delivering in a box at this price, in order to preserve this custom and not disappoint our patrons, and it paid us to do this. At our Saturday sales we not only move thousands of flowers, thereby relieving the congestion to the market, but also send flowers and good cheer into poor and obscure homes all over the city. In fact, I have always had this for my motive in offering these special inducements. Our patrons of the "Saturday Special" come on other days for funeral pieces and flowers for other

ing. It is the idea sometimes set forth by some competitors that special sales are degrading and detrimental to the business in general. In my opinion nothing could be more erroneous. To the contrary, the result is beneficial to all. A large proportion of the flowers sold at a special sale are bought by persons who do not have to have them. They simply buy because they are getting a bargain or that their 50 cents in flowers is more satisfying than spent in anything else. If not for flowers, it would go for candy, cheap amusement or something else, perhaps in something even harmful to the health, and certainly not more generous in the spread of sweetness and good cheer. There are times when the busi-



FIRST PRIZE BASKET OF ROSES.

Exhibited by Sidney Hoffmann at the Second National Flower Show, Boston, March 31.

special occasions, and the point sometimes raised that customers will hold off in buying for the bargain day does not hold good. In fact, to the contrary, it increases the popularity of the business and the patrons for the other days of the week as well. Do not think that the special sale only requires securing of proper stock and inserting an advertisement in the paper. Oh no! In order to make a success of it one must give it close attention and study. Many times I have spent good money in stock and printers' ink and have never seen it returned. Usually I can trace the cause, and more often than not, I find it in myself, in something that I have done or have failed to do.

There is another phase on this subject which I must touch on before leav-

ness seems to come to a standstill. When it seems to need a stimulus or tonic, not with one establishment in particular, but with all. And then it is that the rousing good special starts things going and helps everybody. Perceptibly and beyond argument, is this true in the fall just as all flowers are beginning to come in full crop, and the public have gotten out of the habit of buying hothouse flowers; and again at holidays when all flowers are so high that people in ordinary circumstances are afraid to come in and even ask the price.

Fifteen years ago the special flower sale was scarcely heard of. The reason which you all know is very simple. Then the output of flowers was perhaps not more than 10 per cent of



that of the present day and all stock was easily disposed of. Then the florist was simply the florist. Today he must also be the artist. And tomorrow, in order to succeed, he must be the florist, the artist and the merchant combined. "Necessity is the mother of invention" and the special sales are brought about by the unalterable laws of nature. Who shall say that the great glut of berries which enables the poorest to enjoy them when they are the most luscious, and all who wish to preserve them for the winter season, is an evil? Who shall say that the production and maturing of any of our vegetables, the vegetables we serve on the table, the fruits and grains of the earth, the trees, the grass and the flowers, is a mistake? Some may tell us that this periodical overproduction is a necessary evil, but I do not see it as such.

Gentlemen, I have no panacea to offer for this or any other evils, real or imaginary, which we may have, but I am convinced that with proper forethought we can, through the means of special sales, actually turn defeat into victory. Gentlemen, this is our mission and opportunity; this is the means by which we can place flowers in the reach of every house; this is the means of educating the poor as well as the rich in the love of flowers. Do you realize that if flowers were bought by only the wealthy people 50 per cent of the florists in the City of Washington would have to go out of business? Here, and likewise in many other cities, the running expenses and the bread and butter of the families depending comes from the poor and moderate classes. Then, gentlemen, it is not only our necessity, but our duty, to find a means of distributing this bountiful supply which nature has placed in our hands. It is our mission and our opportunity to educate and instill in the hearts and minds of the young and the old, the rich and the poor, that inherent love of nature and all her works, the love of trees and shrubs and every flower that blooms. This is the mission of the florist in the generation to come, and we can utilize the special sales as one of the means to this end.

#### Interpretation of Experimental Results.

At a time like the present when a considerable amount of experimentation on crops, manures and kindred subjects is being carried on, it is important that those engaged in the work should be in a position to appreciate the sources and extent of probable error in their experiments. We, therefore, draw attention to a valuable paper by Professor Wood and F. J. M. Stratton published in the Journal of Agricultural Science (vol. iii., part iv., December, 1910), on "The Interpretation of Experimental Results." Among the conclusions reached by the authors, one of the most important is that the probable error of field experiments is about equal to five per cent of the crops. This being the case, it is important for the experimenter to know how many duplicate plots must be employed in order to reduce the probable errors to the extent that may be desired. The authors publish a useful table, which gives information on this head, and point out that more accurate results may be obtained by employing large numbers of small plots than by the use of a smaller number of large plots.—The Gardeners' Chronicle.

## THE ROSE.

### Care of Young Stock.

The young rose stock should now receive careful attention. In the first place they should not be allowed to become potbound; as soon as the growth becomes ripened they should be shifted into larger pots and given a good sunny bench in a house where they will not be subjected to drafts and drip. A leaky house for young stock of any kind is not the right kind of economy; for any old house isn't quite good enough to grow good sturdy rose stock.

Careless watering in connection with the same kind of judgment when ventilating often spoils a batch of plants that bid fair to make good stock. A few points to follow are to go over the pot plants the first thing in the morning and spout the driest of them carefully. Then by handling the hose properly the watering is uniform. Raise the ventilating sash early in the day and leave a crack of air on the house all the time, and if the weather permits give them all the air possible, just so the plants are not blown around, as they sometimes will be on windy days. The spraying should be done with a good strong pressure, otherwise the red spider will walk off with them. Very often the man in charge of the young stock does not spray with enough force for fear of overturning the pots. If the pots are placed crosswise on the bench touching each other, and the room the plants require is left between the roses, and the grafted plants are firmly staked, one can spray them as hard as they choose without upsetting the plants, and the plants will develop fully as well with the room between the rows one way as they would placed two ways. Be sure to drain the pots, including the three and one-half inch size and larger, and allow the plants sufficient room to have the foliage dry

powder evenly and there is practically no waste. We prefer grape dust to any other preparation we have tried, owing to its being so finely ground, and it contains nothing harmful, in fact, it is the best medium we have ever used for the prevention of mildew on any kind of plant.

The treatment prescribed for the pot plants is applicable to the growing plants that we are cutting from, and, just a few words in reference to the latter. As a rule the roses are somewhat neglected after Easter; they are not disbudded regularly or perhaps they require tying, mulching and many of the little details so essential during every month of the year, has been sidetracked, so to speak. We do not believe there is any work outside of such importance as to cause a grower to neglect anything inside, if one has work that must be attended to out of doors of any description, whether it be the small grower or the fellow with a couple of acres of glass, the inside men should not be taken away from their work, for if managed properly there will be enough work in the rose houses the year around for the growers to keep things as they should be kept, and we find that our plants have to be cut right up until they are thrown out to be made to pay. That is why we hear a grower say at times one had better throw out good plants at the end of the season than poor ones (referring to replanting with young stock or making room for it). Plants to produce, so they will at the end of the season be a source of profit, should, we think, produce a good grade of flowers for nine months out of the twelve, and we have often seen plants cut continuously through two seasons without the slightest rest. This can be done where they are planted in solid beds and where the soil is exceptionally suitable to the variety of roses grown therein, at the same time in no



KAISERIN AUGUSTA VICTORIA ROSES AT C. LOVERIDGE'S, PEORIA, ILL.

rapidly. Do not wait for signs of mildew or blackspot, but dust the foliage every three or four days with grape dust, which is very effective as a preventive. There is no way of stamping out a bad dose of mildew that we know of after firing ceases, so sulphur in any form should be used as a preventive, a sulphur blower is the best machine to apply all powders in the sulphur line, as it distributes the

instance have we seen this done without the most careful attention being paid to all the details the whole season through.

From now on it is advisable to keep close watch on the old plants. Keep the surface of the soil covered with a top dressing or mulch of well-rotted cow manure, just enough to protect the roots and to help retain the moisture, as the beds from now on will require

copious watering. Liquid manure should be used at least once in ten days, and it would be best to apply the manure water on the beds when they are not too dry. Very often when using liquid manure on a bright, warm day with dry beds the tender foliage on Killarney will suffer, appearing scorched as if done by a bad pane of glass in the roof. This rarely occurs during the winter months except where the soil has become bone dry, caused, perhaps, by a heating coil coming very close to the beds or tables.

The soil pile should be turned frequently between now and the time it is to go in the houses, and should be ricked up so as to shed as much water as possible and ditched around so that no water will collect after rains under the compost. It is not too late now, if the soil is composted at once, to make up the shortage, if any, soil stacked up in layers, grass side down, adding one part cow manure to three parts soil and a sprinkle of ground bone to each layer. By chopping down several times and turning it will be in fairly good shape by June 15 or June 20, which is a good seasonable time to plant the young stock, or to transfer some of the bench stock (one-year-old forced stock) to the solid beds. It is one great stride toward a successful season's cutting to have everything planted and started nicely by July 1. Try it. E.

#### Factors Determining Color in Roses.

Paper read by Prof. M. A. Blake of New Brunswick, N. J., before the meeting of the Society for Horticultural Science held at Tampa, Fla., February 9, 1911.

The forcing of roses for cut flowers during the fall, winter and spring months has become a great industry in certain sections of the United States. The more extensive plants are located within easy shipping distances of such large cities as New York, Philadelphia, Chicago and Boston. A considerable number of varieties are grown commercially, but American Beauty, Killarney, Bride, Bridesmaid, My Maryland and Richmond far exceed any others in quantity produced. These varieties represent three colors: red, white and pink. Red roses are principally in demand during Christmas week and for special occasions. The general trade prefers a pink or white rose, and these greatly exceed the red varieties in the quantities produced. The matter of color is of little concern when white roses are grown, but becomes important when the pink varieties are considered. When the trade purchases the better grades of Killarney roses, it expects to secure flowers of a decided deep pink color, and light, faded-out appearing specimens are regarded as of inferior grade. There is a marked difference in the matter of color between the various pink varieties. Some are quite constant in their coloring even under a great variety of conditions, while others are decidedly variable. American Beauty is one of those whose color is quite constant under varied conditions, although there is often a difference in the real quality and finish of the blooms. The variety Killarney which is rapidly replacing Bridesmaid is, however, distinctly variable. Specimens of a deep, rich pink are seen in the same florist's window with very light-colored "faded-out" appearing specimens, and yet the latter may have perfect foliage and good



NEW ROSE HILDA.

Exhibited by Myers & Sautmann at the Second National Flower Show Boston, March 25.

stems. The variety My Maryland which is one of the newer pink sorts, is even more variable in color according to the conditions under which it is grown.

Comparatively few investigations have been conducted by experiment stations in the forcing of roses, to determine the relation of factors which influence their development. Factors which determine color, size and quality of our deciduous fruits have received considerable attention. Yet no one would venture to say that the same influences apply to roses under greenhouse conditions. All successful rose growers have a system of treatment for each variety which they grow, and such a system is obviously necessary, as the whole environment of the plant is under their control, and the relation of soil, moisture, temperature, light and plant food must be properly adjusted for the best results. These elements of which all are necessary for the proper growth and development of the rose plant, also occupy a place with reference to the color of the flowers. The preparation of the soil for roses does not vary greatly with the different commercial florists. A strong clay loam soil is preferred where it can be obtained. It is collected in the fall in the form of sod, and placed in a pile with alternating layers of cow manure in about the proportion of one part manure to three parts of soil. Liberal quantities of lime and ground bone are also used in the soil piles by most florists. The soils used for the forcing of roses are therefore rich in humus and plant food from the beginning, and sufficient amounts of the different elements of plant food are generally supplied, or, in other words, the lack of sufficient quantities of ni-

trogen, potash or phosphoric acid for the needs of the plants is an exception. In general, we may say that the florist furnishes good growing conditions for his roses as far as soil and plant food are concerned, and is more likely to err on the side of too liberal supplies of plant food rather than a lack of them.

Since June 1909, the New Jersey experiment station has been conducting some investigations with roses which have given the writer an opportunity to observe their behavior quite closely. The varieties Killarney and My Maryland were selected for investigational work because they are quite extensively grown by commercial florists. These are both pink varieties, and the color of the flowers varies from a light to a deep pink according to the environment under which they are grown. All florists recognize the importance of having greenhouses for rose forcing located and constructed so that the plants may receive the greatest possible amount of light. Where any shading of the plants occurs during the months of December and January, the growth becomes more slender and weak. Several successive cloudy, dark days during the winter months will often cause a decided change in the appearance of rapidly-growing rose plants. The red and bronze color of vigorous, young rose shoots and leaves fades to a light green, the shoots stretch out and become spindling and the leaves which develop during these dull days are not only lighter green in color, but are smaller in size. The depth of color of the blooms of such varieties of roses as Killarney and My Maryland may not be determined until the buds begin to show color. In fact, changes in the color of roses may



sometimes occur within a few hours. A crop of My Maryland roses was maturing at the New Jersey experiment station greenhouses during the week of January 15-21. Previous to January 13 the color had been high, but from January 13 to 16 the days were dark, cloudy and foggy and the roses cut upon the morning of January 16 were very light in color. Bright weather conditions occurred upon January 16, and upon January 17 the opening rose-buds were again of a deep pink color. Here was an instance of a decided improvement in color within twenty-four hours. This might lead one to believe that light was the real determining factor in the color of roses. However, crops of light-colored Killarney and My Maryland are not infrequently seen in greenhouses during clear days where the plants are exposed to all the light possible. It is therefore evident that other factors may exert an influence.

A constant night temperature of from 58° to 60° is regarded as most favorable for Killarney and from 60° to 62° for My Maryland. During the day a temperature of from 70° to 75° is favorable for both varieties. When a greenhouse containing My Maryland is kept at a temperature above 64° at night the growth of the plants is more rapid, but the stems become slender and are likely to be softer and weaker. If the house is kept at this temperature after the buds commence to set, the stem between the bud and the first leaf below it becomes elongated and the bud itself is much smaller than desirable. If a liberal supply of plant food and moisture is maintained in connection with the access of heat the flowers have a tendency to become light in color. Yet My Maryland roses which have made a soft, rapid growth because of high temperatures and liberal quantities of moisture and plant food may produce flowers of high color even after the buds have set, if the houses are then kept cool and bright days follow. Plants which have been forced too rapidly, however, will be sure to produce small buds, and the stems will lack vigor even though the flowers may be of good color.

A fairly rapid drying-out of the soil in the greenhouse benches is of more importance than is often conceded to it. The rate at which a bench of soil will dry out depends upon the character of the soil, the width and depth of the bench, the temperature of the house, and the amount of ventilation which is given. Soils generally used for roses are quite retentive of moisture, especially where a mulch of manure is applied, which is quite a common practice with florists. The movement of water in the soil, encouraged by evaporation from the surface, is absolutely essential to the welfare of the plant. If we desire early vegetables we plant them upon soil which dries out rapidly in spring and where conditions favorable to growth are active. In a heavy, retentive soil plants develop more slowly during the cool months. The rose is most desired by the commercial florist during the months of December, January and February, when the days are short and likely to be dull and cold; at a season of the year when ideal soil conditions for growth need to be maintained. If the soil remains wet and soggy at all times, the roses do not grow well and may even be severely injured. When

a high temperature is maintained in connection with a wet soil and very little ventilation the plants make a very tender, soft growth, and the flowers of such varieties as Killarney and My Maryland are certain to be under size, and likely to be of poor color.

There is frequently a variation in color between different flowers upon the same plant, and a careful examination will reveal that those lightest in color are almost invariably produced upon the softer and weaker shoots, and are frequently upon portions of the plant which are partially shaded. Occasionally a large, vigorous shoot will have a lighter-colored flower than other shoots upon the same plant which have more slender stems, but an examination usually reveals the fact that it has made a very rapid and tender growth, even though it may have been vigorous. The observations just stated indicate that the rate and character of the plant growth is a factor which may influence color in the forcing of roses. Although light and the character and the rate of growth may be directly responsible for the color of the flowers, the indirect factors of soil, moisture, plant food, temperature and ventilation are of perhaps greater interest to the florist, for it is these elements in combination with each other which directly determine the rate and character of growth of the plants, and are things over which the florist has control. And it is by the proper adjustment of these units that the florist secures a firm, vigorous growth of plant and flowers of good quality. It has been stated that lack of sufficient light, poor ventilation, excess of moisture and

supplied. It is obvious that a certain amount of plant food is necessary in order to secure a strong, vigorous growth of the rose plants, and that a deficiency of plant food would result in a check to the plants. However, the matter of a general deficiency of plant food can be set aside, from the fact that liberal amounts are commonly furnished by successful florists, as previously stated. Plant food may be applied to such an excess, however, as to check the growth of the plants and even severely injure the roots; in such cases the color of the flowers is affected. This really represents abnormal conditions, however, and would not occur with proper management. Any check to the growth of the plants which causes the stems to harden, commonly has an influence upon the color of the flowers, and a slow but vigorous growth results in flowers of the largest size and of the best quality. Where the check to the growth is caused by actual injury to the plant by improper fertilization or lack of moisture the color may be light. It may be that some inorganic fertilizers may tend to produce a somewhat firmer leaf and wood development than some organic forms under similar conditions. But such factors as light, temperature and moisture exert much stronger influences than the various forms of any plant food such as nitrogen, and are likely to obscure its particular effect. A recent test of heavy applications of high grade sulphate of potash upon My Maryland roses at the New Jersey experiment station, showed no influence upon the color of the flowers where sufficient quantities of nitrogen and phosphoric acid were



CARNATION GENEVIEVE.

First Prize Exhibit of M. A. Patten & Co. at the Second National Flower Show, Boston, March 28.

heat may cause a tender, weak and undesirable growth of the rose plant which results in flowers of poor color and quality.

The discussion thus far has been based upon the supposition that sufficient amounts of plant food have been supplied. It is quite a common belief among florists, that color and quality of flowers are often determined by the kind and amount of plant food

supplied, and proper greenhouse conditions maintained.

Heat and moisture may have a marked influence upon the rate and character of growth of roses. A few extra degrees of heat may convert a slow growth into a rapid one, and a lack of moisture may check rapid growth even where an abundance of plant food occurs. A proper rate of growth for any variety is secured more



SOME MEMBERS OF THE PACIFIC COAST HORTICULTURAL SOCIETY.

by good greenhouse management than by the particular form of plant food supplied. Aside from the effects of insufficient light due to dull, cloudy days, and the proper control of injurious insects and diseases, the secret of growing roses of high color and good quality is the securing of good plants for benching; a liberal but not excessive supply of the plant food elements, a constant temperature suited to the variety grown, and the proper watering and ventilation of the houses. Light, and the rate and character of growth are considered to be the direct factors which determine the color of roses, but the indirect factors, which together affect the rate and character of growth, are likely to prove of more direct interest to the florist.

#### The Brazilian Cocoa Palm.

Pernambuco is situated in the center of the tropical section of Brazil, within which the cocoa palm grows most luxuriantly. The cocoa palm seems to be indigenous to the district which extends from the vicinity of Bahia, on the south, to Parahyba, on the north, but it attains its fully luxuriant and most prolific development in the vicinity of Pernambuco.

The cocoa palm is one of the most beautiful and attractive natural adornments of many of the public parks and private gardens of this city and environs, often attaining a height of from 80 to 90 feet. The trunk is without branches, and the leaves, which cluster in a tuft at the top, are from 15 to 20 feet in length. At the base of the leaves the nuts hang in clusters, the number varying from three to 15, according to the age and condition of the tree. Occasionally cocoa palms are found which do not bear nuts, and these attain even a greater height, their sterility seeming to augment their virility and consequent attractiveness.

While this particular palm grows naturally, it thrives a great deal better with care and cultivation, and there are several large plantations in this vicinity planted within recent years and carefully cultivated which are now returning a fair revenue to the owners. Most of these plantations are located along the coast, but the tree will grow and produce up to an altitude of 880 meters (2,624 feet).

The nut is first planted in its natural state, with hull and fiber. At the expiration of about twelve months, or when the plant has reached a height of about three feet, it is transplanted and set out in rows about 40 feet apart. If cultivated and irrigated, the tree will produce at the end of five years, otherwise it will require about ten years to produce. Although the rainfall within this coast region averages about 80 inches per annum, several inches often fall within a very short while, and all falls during the months of the "rainy season," and often when it is of no service to certain vegetation. The summers are hot and dry, and young plants and trees need to be irrigated.

There are two cocoanut markets in this city, one for the green and the other for the mature or dried nuts. The green nuts, which are picked at about the end of five months, and before the real meat of the nut has begun to form inside, are composed entirely of water, for which exclusive purpose they are bought and sold, and which forms one of the principal and most popular beverages of this section of Brazil. This water is nonalcoholic and when iced is converted into a most savory refrigerant. Its action is diuretic. When the nut is partially mature, the inside is sometimes extracted and, by the use of sugar and some other ingredients, is converted into a popular confection. The meat of the dried or ripe nut is used exclusively

for food, being usually seasoned and mixed with different provisions for flavoring purposes. The owner of one of the large plantations here informed me that he averaged about \$1 net profit per annum from each tree.

The greater proportion of the nuts grown here are consumed locally, but a considerable quantity is shipped to Rio de Janeiro and other cities of Brazil, and also to European countries, where the improved facilities for extracting the oil have greatly enhanced their value.

The price of the nuts in the market here ranges, according to size, from three to nine cents, the average being about six cents each.

The bud rot, a destructive disease quite common in India, is not known in Brazil. There is, however, a long black beetle, which bores through the shell and destroys the ripe fruit, but not the tree, as is the case with the diseases prevalent in the Orient. Up to the present time these beetles have not been sufficiently plentiful to cause the owners of plantations here any undue concern.

COUNCIL BLUFFS, IA.—J. F. Wilcox is a grandfather, his son, Roy Franklin Wilcox, and wife rejoicing in the arrival of a boy April 24.

NEWTON CENTER, MASS.—The Irving street greenhouses run for so many years by the late Robert Rodden will be continued by the family of the deceased under the management of Robert K. Rodden, son of the late proprietor.

PASADENA, CALIF.—The demand for chrysanthemums has been exceptionally fine this year, says Richard Thomas, the chrysanthemum specialist with Miss Sadie A. Thomas, and adds that the growers greatly enjoyed the visit of one so well posted on chrysanthemums as Elmer D. Smith of Adrian, Mich.



## Doctors for Plants.

Abstract of paper read by Prof. H. H. Whetzel, of the New York State College of Agriculture, Ithaca, N. Y., before the Massachusetts Horticultural Society, Boston, Mass., January 21, 1911.

Plant pathology as a distinct profession can scarcely be said to have more than just appeared in our economic system. So far as I know, only two institutions in this country at present maintain distinct teaching departments of Plant Pathology, namely, Cornell University and the University of Wisconsin.

Man has always looked upon plants from quite a different point of view from that with which he has regarded his animals. He regards them as so much material, to be chopped, reaped, eaten, burned or trampled upon. The ease and readiness with which new plants may be grown to replace those he has eaten or wasted, their great abundance and variety and their helplessness before his onslaughts, has demanded of him little respect or consideration. It is only as population increases, and the thoughtless waste of his hands becomes appallingly evident in the rapidly disappearing lumber supply, depleted soils and reduced crop production, that diseases in plants begin to demand his careful consideration. It is the economic feature of the case alone that appeals to the plant-producing public.

Some of you, most of you in fact, may doubt whether the development of a great number of professional plant pathologists is actually warranted by the economic losses from plant diseases at the present time. Are the annual losses to our crops sufficient to maintain a corps of such highly priced servants and still pay a good profit on the investment? A glance at some of the well established facts as regards losses from plant diseases and insect pests will, I think, serve to convince us on this point. While it is difficult to get reliable estimates of the annual losses from diseases of fruit and fruit trees, one has only to compare the yield and quality of apples from sprayed and unsprayed trees, season after season, to realize the tremendous losses from apple scab and codling moth, or from peach rot and curculio. Little peach and peach yellows, collar rot and root rot, crown gall and many others of like nature, continue year after year to take unchecked, a heavy toll from our plant resources. The control of these

maladies would swell tremendously the gigantic annual crop production of this country. Wherever a thorough and practical study of such a disease problem has been made, it has almost always resulted in the discovery of an effective, practical and profitable method of control. One of the greatest leaks in our modern agricultural business is that from pests and diseases. It certainly will pay to train and maintain at the direct expense of the grower expert plant pathologists.

The primary object of the plant pathologist is to prevent diseases, not cure them. The plant doctor should be a public servant supported in part, at least, by the local growers. In short, the growers must meet the state at least half way in the training and support of experts for the solution of this plant disease problem. I believe we have made some progress in this direction in the state of New York. Already eight industrial fellowships have been established in the department of plant pathology by growers and commercial firms along the lines of plant disease control. These each provide for salary and expenses for young men to take up the investigation of the diseases of certain crops or particular lines of disease control, fungicides, etc. These fellowships represent financial cooperation between the growers and manufacturers with the state, through the college, which furnishes the necessary laboratory equipment, training for the men and competent supervision of their work.

The work, during the growing season, is conducted in field laboratories in different parts of the state, where the particular disease problem can be studied to best advantage, in the orchard, the field, the garden, or the greenhouse. The grower not only has the advantage of seeing the problems solved in his own locality but has the especial advantages of the young plant doctor's advice and supervision in his spraying and other disease control operations. Our plan of training and developing specialists on the diseases of crops has been that they shall be maintained by groups of growers as their experts on our staff, the state providing facilities for these men to continue their labors for the benefit of the growers of the state. The most convincing proof of the success of the plan is the constantly increasing demand of the growers for

more of these field laboratory fellowship cooperations with the college. Not only in plant pathology but in economic entomology, as well, are these fellowships being established.

You will better appreciate the value of these young experts if I show you some of the results which they have obtained for the growers of the state. I shall select the work of two of them. The serious injury to the fruit which so frequently results where bordeaux is used in the control of apple scab convinced our growers that some substitute equally effective but less injurious must be found. With no special funds at our disposal we were unable to press the investigations. The establishment of the Niagara Sprayer Company fellowship in the spring of 1909 enabled us to put a man on the problem at once. A field laboratory was established and has been maintained during the growing seasons of 1909 and 1910, right in the orchards in a different locality each year. August 5 and 6, 1910, at the summer meeting of the State Fruit Growers' Association, over one thousand growers saw the results of these experiments right on the trees in the orchards near Sodus, N. Y. B. J. Case, president of the association, in whose orchards some of these experiments were conducted, declared that if the fruit growers of that locality would retain Mr. Wallace, as their local plant pathologist, he would save that town \$50,000 the next year.

For many years nurserymen in central New York have lost more or less heavily from fire blight in their blocks of pears, apples and quinces. By co-operative arrangement with the department of plant pathology, in the spring of 1909, C. W. Stuart & Co., nurserymen, provided for one of our men, Mr. Stewart, to undertake the study and control of this malady in their nurseries. The young man was given to understand that upon his efforts and results in that nursery that season depended future opportunities to get advanced training in his chosen line. It was distinctly up to him.

When he came to the nursery in June, the disease was already well established in a block of quinces and was spreading into the pears. By systematic and untiring efforts this young man regularly inspected about one hundred and thirty acres of nursery stock from one to three times a week, wiped out the blight already estab-



WM. PATTERSON'S DISPLAY OF BULBOUS FLOWERS AT THE SECOND NATIONAL FLOWER SHOW AT BOSTON, MARCH 25, 1911

lished and promptly suppressed several new outbreaks of the disease. He kept an accurate record of all trees removed because too far gone to save, and a record of all trees saved by prompt removal of diseased shoots. This table shows the results for the season:

| Apples, Pears, Quinces, Total.                                     |     |    |      |      |
|--------------------------------------------------------------------|-----|----|------|------|
| Number of trees from which blighted shoots only were removed ..... | 834 | 32 | 1451 | 2317 |
| Number of trees entirely removed                                   | 83  | 7  | 256  | 346  |

Not only did he save the company these 2,317 trees, which they would certainly have lost, but he indirectly saved at least as many more by preventing the general spread of the disease. So well had he done his work of eradication during 1909, that none of the disease was carried over for 1910, and while a few new infections were brought into some blocks late in the season, they were easily and promptly suppressed with insignificant losses.

But why retain these experts permanently? For the same reason that we retain our physicians, our surgeons, our veterinarians; because new diseases and epidemics of old ones will be constantly appearing. It requires the training and experience of men who make plant pathology their business to successfully and profitably cope with these. The grower will never learn the technique of plant pathology any more than he will that of veterinary medicine, and he will soon learn that it is not only necessary but highly profitable to pay for the services of expert plant doctors. There will be a constantly increasing demand for the professional plant pathologists in the conservation of our crop production.

### Callas.

#### ED. AMERICAN FLORIST:

What is the proper treatment of callas that have been in bloom all winter?  
A. E. P.

The callas will be through blooming by the last of May or first of June, and then should be gradually dried off. When thoroughly dry, the pots may be laid on their sides, or the tubers shaken out from the soil. If in benches, the tubers may be dug up and stored in a dry location. If wanted for early forcing they can be started in late summer, being placed in small pots and watered carefully until root action starts, when they should be shifted to larger pots, or planted in the bench. Pot grown plants will bloom earlier than those in benches. W.

### Chrysanthemum Thanksgiving Queen.

Thanksgiving Queen.—In form an improved and magnified Silver Wedding, being larger and more double. Color creamy white, maturing November 20, just right for Thanksgiving use. Only four feet high from early June planting, foliage medium in size. Stem so strong as to scarcely require tying. Blooms nine inches in diameter. Best bud September 1 to 10. Awarded certificate Chrysanthemum Society of America. Elmer D. Smith & Co., sponsors.

STAMFORD, CONN.—The Frost & Bartlett Co., foresters, has been incorporated.



CHRYSANTHEMUM THANKSGIVING QUEEN.

### Insects.

Paper read by M. C. Ebel before the New York Florists' Club, May 8, 1911.

An intelligent discourse on insects is always interesting to florists and gardeners, but when one is limited to a ten minute discussion on so important a subject, as I have been by your essay committee, it does not permit of any broad presentation of all that might be said respecting the many insect pests so troublesome to those engaged in any branch of floriculture, and will afford me no opportunity to say what I might like to regarding some of the two legged bugs we daily encounter.

In approaching your committee to learn what they had in mind when they called on me as to just what points they desired to have me elucidate, I was informed that they were thinking of insecticides, but that their modesty restrained them from placing any limitation on me, and as there would be no insecticides were there no insects, they gave me the entire field to talk on, all providing, however, that I would restrict myself to the time limit, if I should attempt to cover it all. As the treatment of insects is more within my line than the cultivating of them, I will confine myself to some of the methods for their control. My experience has taught me that entirely too little thought and consideration is given by the grower to this important

feature of the business, and the neglect of this at times causes them serious loss, which might easily be overcome by a little more attention to the preventing of insects getting a foothold on their plants. In every other branch the progressive growers are alive to the new conditions and methods employed and keep themselves in tune with the times, but when it comes to controlling insects it appears that too many of them find that their grandfather's ways are still good enough for them. But plants are very much like the human being, who is not content to bear only what his forefathers suffered, they are continually producing new diseases and insects, and it is essential that the florist or gardener who is ambitious to rank with the successful of his profession should study this important phase of plant culture as he does the temperatures and fertilizing, etc.

Some growers prefer fumigating or vaporizing, and others spraying, as a means of insect control. From the results that are being obtained there is little doubt that both remedies are effective when properly applied, but improper applications, no matter how good the material employed may be, must result in failure, and carelessness oftentimes is the chief contributor when bad results are obtained. Both the methods referred to have their special merits, fumigation being more



generally regarded as the most economical from the labor-saving standpoint. But on many of the large places spraying is being resorted to more and more, for it is found to be the less harmful to plants, and with proper system the labor of an establishment can be so engaged in the work without additional cost above that of fumigating; in other words, when everything is done in its time and place spraying can be made one of the routines of the regular work in a house. Fumigating requires the filling of a house, while spraying is necessary only in that part of the house where the pests have taken a hold, when cures are sought. Still, every grower should bear in mind that "an ounce of preventive is worth a pound of curative" and nowhere can this old adage be more truly applied than in the control of insect pests. Our most successful growers no longer wait for the insects to put in appearance but fumigate or spray regularly to keep the pests down, as they realize that clean plants make healthy growths. Too much care cannot be exercised in the use of insecticides to obtain proper results. Many men are satisfied to make a guess at the proportions required and will not take the trouble of careful measuring, and then when failure, or worse, injury results, the remedies are immediately blamed and the careless management of those entrusted with the work seems seldom to be considered. Fumigation and spraying is regarded by too many as only boys' work, although no careful grower would set an apprentice at work to attend to the fertilizing of his houses and it certainly does not seem that one of these departments in the growing of plants is of much less consequence than the other. It must be admitted that much more attention is given today to the proper means and methods of insect control than has ever been the case in the past, and it is also true that the means for their control are more effective than they have been heretofore; but by no means has perfection been attained and great opportunity is still at hand for further improvement to those who are giving thought and study to the ravages which result in the loss of millions of dollars yearly in the horticultural and agricultural industries of this country.

To substantiate some of my assertions of the laxity found among so many growers in the treatment of insect pests, I recently came across a grower in charge of a large range of glass who condemned one of our products, because he could not get the results his neighbors were getting, and on being a uniform material. On investigating I found that he had misunderstood the directions given him by a neighbor and was using the product at half the strength prescribed. When his attention was called to the fact that he might have been equally successful with the others had he followed the directions on the package, he remarked that he did not know we printed our directions on the cans, although he had eyes to see. He, however, now can see that Aphine is making good for him, and has been converted from a "knocker" to a "booster."

A complaint came to us from one of the well known estates of this part of the country that the same satisfactory

results from Aphine was not obtained there as was claimed for it elsewhere. A visit to the place, and an investigation, found that the man entrusted with this work was trying to make a gallon reach for an area of glass for which two gallons were required. His superintendent now sees to it that he uses the necessary quantity to obtain effective results. However, these are only mere incidents in our line of business and I am aware that every business man "has troubles of his own."

Most of you here are familiar with the unfortunate experience which Aphine suffered shortly after it was placed on the market, due entirely to the placing of too much responsibility on a man whose capabilities were overestimated, and who, for some unaccountable reason, never uncovered, appeared not to be satisfied with the good thing he had but continued to experiment until it practically resulted in disaster. While the experience was a costly one and the reputation of Aphine at the time was badly shattered, persistency, however, has been rewarded. For more than a year Aphine has proven to the most critical experts that its merits are equal to all that has ever been claimed for it and we have the satisfaction of numbering some of the best known growers and professional gardeners of the country on our list of users, and who do not hesitate to endorse it highly. I simply refer to this as I want to take this occasion to pay my respects to the representatives of some of the competitive concerns who do not hesitate to tell the story of our misfortune to those of the trade who have not previously heard of it, as though it was an event of yesterday. Now that Aphine has fully recovered its reputation I want to thank those who, having had faith in the product and knowing all the circumstances connected with the unfortunate encounter, did not lose confidence in it and especially the trade papers, for their impartial attitude and fairness at a time when "the power of the press" meant much to us.

#### **Bobblink & Atkins, Rutherford, N. J.**

NURSEYMEN, FLORISTS AND PLANTERS.

Twelve years ago the writer met F. L. Atkins at a florists' gathering in Orange, N. J., and was informed by him that upon that day he had joined partnership with L. O. Bobblink to develop a nursery business. Today this firm owns and is operating 280 acres of land at Rutherford, N. J., with greenhouses and storage sheds approximating 250,000 square feet of surface, where more than 200 people find regular employment. Both members of the firm are yet young, and just how much of the acreage of the state of New Jersey they will yet secure and utilize for nursery purposes remains to be seen, for they are progressive and evidently there is no limit to their capacity for doing things.

To give a comprehensive description of the subjects cultivated at this establishment is beyond the possibilities of the trade newspaper man, because the space at his disposal is too limited, as it would need a lengthy magazine assignment to in any way attempt to do justice to such a subject. Nowhere in the United States, we believe, can such

large and varied collections of trained boxwoods, bay trees and fruit trees be found as are seen here. Home-grown evergreens also are a feature and that reminds us that at the big show recently held in Boston they exhibited 100 trees in 100 varieties, fine specimens, and among them there was not a single imported plant, all were home grown. But we are drifting into the nursery matters to which, as we could not do full justice, we intended leaving alone. However, if you wish to learn what they are doing write for their catalogue. They issue a fine one with 136 pages of descriptive matter.

One thing we cannot omit to mention, and that is their "tub" manufacturing industry. On the place is built and fully equipped a factory for the making of all kinds of tubs and boxes for plants and trees. Expert mechanics are employed and light, durable, artistic wooden receptacles are being turned out all the year round. When one sees the neat and strong tubs and boxes such as are here manufactured he is apt to think that it is only a question of time when this firm will be supplying the entire trade of the country with this line of material, they seem so far ahead of other manufacturers of this class of goods.

#### **National Sweet Pea Society.**

At the executive meeting held in New York Friday, May 5, President Burpee presiding, the following additional special prizes were received and the executive committee appropriated \$170 for prizes, to be known as The National Sweet Pea Society's prizes.

Owing to the extremely late season it was considered advisable to change the previously published date, June 23-24, to a week or two weeks later, but the matter will be finally decided early in June and an exact date set at that time.

The following judges were appointed for the summer exhibition: Samuel L. Hamilton, Huntington, Pa.; William Sim, Cliftondale, Mass.; Edwin Jenkins, Lenox, Mass.; William Duckham, Madison, N. J., and Walter Angus, Chapinville, Ct.

Class 11. The Henry A. Dreer prize for the best vase of Queen Alexandra Spencer sweet peas; first prize, \$5; second prize, \$3.

Class 12. The Henry A. Dreer prize for the best vase of Ruby Spencer sweet peas. First prize, \$3; second prize, \$2.

Class 13. The Henry A. Dreer prize for the best vase of Mrs. Routzahn Spencer sweet peas. First prize, \$3; second prize, \$2.

Class 14. The Jerome B. Rice Seed Co.'s prize for the best vase of White Spencer sweet peas; 1st prize \$5.00; 2nd prize \$3.00, 3rd prize \$2.00.

Class 15. The Anton C. Zvolanek prize for the best vase of 50 Orange Spencer or Unwin sweet peas. First prize, \$3; second prize, \$2; third prize, \$1.

Class 16. The Anton C. Zvolanek prize for the best vase of 50 pink or rose sweet peas, Spencer or Unwin type. First prize, \$3; second prize, \$2; third prize, \$1.

Class 17. The William Sim prize for the best five vases of sweet peas, commercial varieties. First prize, \$10; second prize, \$5; third prize, \$3.

Class 18. The Philadelphia North American's prize. A silver cup for the



MILWAUKEE AND LOCAL BOWLERS AFTER AUTO RIDE AROUND THE CHICAGO PARKS, MAY 7.

best vase of sweet peas never before exhibited.

The National Sweet Pea Society's premiums, classes 19 to 35, consist of first, second and third prizes of \$5, \$3 and \$2 respectively for the different colors of Spencer and Unwin varieties and Grandiflora varieties of sweet peas.

HARRY A. BUNYARD, Sec'y.

### Roses and Carnations.

#### ED. AMERICAN FLORIST:

I desire to grow roses and carnations in a greenhouse to bloom in December. Will the best results be obtained from plants grown in the field and planted in the house in the fall?

Arkansas.

SUBSCRIBER.

To have roses bloom in the greenhouse in December, the plants should be set out in the house in June, in either solid beds or deep benches. Carnations will give best results if planted out in the field, given good culture, and then transferred to the house about the middle of September. They will need some shading for a week or ten days after planting, also spraying a few times every day until established in their new quarters. A night temperature of 56° will be about right. Enchantress and its rose pink sport and While Perfection are the best varieties to grow at this temperature.

WM. LEAR.

### Chicago Bowlers Defeat Milwaukee.

The visit of the Milwaukee bowling delegation to Chicago May 7 was a very pleasant occasion. The party arrived at the Northwestern depot about 11 o'clock and was at once taken in hand by President Philpott of the Chicago Florists' Club, assisted by Vice President Kohlbrand, Allie Zech and numerous others. President Asmus, of the Society of American Florists, E. C. Amling, H. N. Bruns, Geo. Reinberg, A. F. Amling and Frank Oechslin had their automobiles waiting and in these the visitors, to the number of 15, made a tour of the parks. The weather was ideal and this with the vegetation just bursting into early bloom and greenery made the trip a most delightful part of the program. Arriving at the Hofbrau restaurant about 12:30 some sixty sat down to dinner, after which all adjourned to Bensinger's bowling alleys, where the Milwaukee bowlers graciously lost the three games rolled to their hosts. Refreshments were served in the alleys during the games, details of which are appended. Many old-time faces were missing in the Chicago ranks, but their places were well filled by the

younger generation of bowlers, many of whom appeared to have acquired all the winning tricks of their predecessors. A. L. Fisher made the high score for Chicago with 212 points and G. A. Pohl was high man on the Milwaukee team, with 198 points. On the announcement of the final scores the visitors cheered the winners heartily and the party again adjourned to the Hofbrau, where a Dutch lunch was served.

After lunch President Philpott congratulated the bowlers on their successful meeting and in the absence of President Hunkel of the Milwaukee Florists' Club, who was unable to attend on account of illness in his family, called on ex-President Zweifel of that organization to explain the defeat of his team, which was done by the speaker and other representatives, including Vice President Leidiger, Capt. Rusch, F. W. Holton and T. Cassidy, in terms highly complimentary to their opponents. Captain Zech, Vice President Kohlbrand, John P. Degnan, M. Barker and others of the Chicago Florists' Club told some stories and it was the general sense of the assemblage that such gatherings are most beneficial, commercially as well as socially, and that, like angels' visits, they are too few and far between.

President Asmus, of the Society of American Florists, who joined the party after the bowling, having been detained during the day by pressure of business, spoke of the coming Baltimore convention, urging the bowlers to be earnest in their preparations, as the prizes were numerous and valuable and the various cities would be well represented. There was some inquiry for Phil Foley at that point, but on investigation it was found that he had left for places unknown.

Copies of two photos taken on this occasion can be had at 50 cents each on application to M. C. Gates, 725 West Nineteenth place, Chicago.

The following are the scores:

| FIRST TEAM.                 |                            |
|-----------------------------|----------------------------|
| <b>Milwaukee</b>            | <b>Chicago</b>             |
| Rusch ..... 115 150 123     | Fisher ..... 147 166 212   |
| Kellner ..... 144 129 157   | Ayers ..... 170 203 136    |
| Zweifel ..... 148 143 149   | Huebner ..... 188 167 178  |
| Nobos ..... 152 146 138     | J. Zech ..... 146 124 178  |
| Holton ..... 156 178 180    | A. Zech ..... 201 183 167  |
| <b>Totals 718 752 747</b>   | <b>Totals 847 843 871</b>  |
| SECOND TEAM.                |                            |
| <b>Milwaukee</b>            | <b>Chicago</b>             |
| Currie ..... 169 151 129    | Lorman ..... 136 134 131   |
| Pohl ..... 154 198 132      | Graff ..... 142 168 150    |
| Cassidy ..... 148 163 137   | Goerlich ..... 117 176 122 |
| Mann ..... 116 125 183      | Schultz ..... 131 153 130  |
| Leidiger ..... 148 131 156  | Farley ..... 210 182 209   |
| <b>Totals 735 768 848</b>   | <b>Totals 746 818 781</b>  |
| THIRD TEAM.                 |                            |
| <b>Milwaukee</b>            | <b>Chicago</b>             |
| Hunkel ..... 106 128 99     | Friedman ..... 152 150 161 |
| Leitz ..... 97 97 91        | Ryers ..... 128 149 171    |
| Har ..... 111 117 107       | Krauss ..... 119 153 180   |
| Oestreich ..... 121 125 101 | Degnan ..... 167 153 149   |
| Hummel ..... 77 103 137     | Wolff ..... 155 169 154    |
| <b>Totals 504 536 563</b>   | <b>Totals 721 751 826</b>  |

## OBITUARY.

### Mrs. Mary Reissig.

Mrs. Mary Eva Reissig, widow of Charles Reissig, one of Chicago's pioneer florists, died at her residence at Riverside May 5 of heart trouble, after an illness of a few weeks, aged 63 years.

Mrs. Reissig, whose maiden name was Mary E. Becker, was born in Bavaria, and came to America in girlhood. In 1872 she was married to Charles Reissig, at that time one of the leading florists of Chicago, and with him carried on successfully the florist business for many years. In 1891 Mr. Reissig retired from business, being succeeded by his nephew, Philip J. Hauswirth, retaining only one house, devoted principally to orchids and palms. This was conducted until his death in 1892 and it was continued for some years by his widow, the other greenhouses being rented. From this union there were born six children, four of whom, two sons and two daughters, survive her. The funeral ceremony was at St. Mary's church at 12 m. on May 8 and the interment was at Forest Home Cemetery.

### Charles F. Mielenz.

Charles F. Mielenz died April 25, at his home, 13 Walker avenue, Troy, N. Y., after a year's illness. He was born in Germany sixty-five years ago, coming to Troy in boyhood where he had lived for fifty-five years. He was at one time in the carpet renovating business, but some years ago established a florist's business at his home in Walker avenue. He was a prominent member of the Methodist church, holding the office of steward, and also belonged to the Royal Arcanum. He is survived by a widow, one son and three daughters. The funeral was from his late home April 25.

### George Engel.

George Engel, a florist of Xenia, O., died at his residence April 30, aged 62 years. He was born in Hesse-Darmstadt, Germany, December 25, 1848, the son of Philip G. Engel, from whom he received his early instruction in floriculture. At the age of 16 he left home and later served in the Hessian army, participating in the Franco-Prussian war under Gen. Mantofel. In 1873 he left Germany for the West Indies, but finding the climate unhealthy went to Brooklyn, N. Y., where he was employed by a florist for two years. Leaving New York he went to Louisville, Ky., and in 1878 purchased the greenhouse of T. G. Wilson in Xenia. By close application and perseverance he made his business a success. In 1892 he married Mrs. Fredericka Siefert. He was a member of the Lutheran Church and also of the I. O. O. F. and K. P.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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From the first issue the AMERICAN FLORIST has  
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Advertisements must reach us Tuesday (earlier  
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We do not assume any responsibility for the  
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THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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MEMORIAL DAY stocks should be  
moved without further delay.

READERS will oblige by mailing us a  
postal card report stating how Mothers' Day,  
May 14, is observed this year by  
their patrons.

MEMORIAL DAY this year will mark  
the fiftieth anniversary of the great  
civil war, and the decorations, accord-  
ingly, will be more numerous and elab-  
orate than ever before.

THE Aphine Mfg. Co., Madison, N. J.,  
announces that arrangements have  
been completed with the Florists' Ex-  
change of Baltimore to hold a public  
demonstration of the merits of its  
specialties prepared for the use of  
growers in cleansing their establish-  
ments of plant diseases and insect  
pests. The date will be announced  
later.

### American Gladiolus Society.

The American Gladiolus Society is  
now preparing for a magnificent ex-  
hibit of gladiolus blooms at the con-  
vention and flower show to be held in  
Baltimore Aug. 15-18. The schedule of  
prizes will soon be ready, and copies  
can be had by applying to L. Merton  
Gage, secretary, Orange, Mass.

### Light a Factor in the Color of Roses.

The splendid paper read by Prof. M. A. Blake, of the New Jersey Experiment Station before the Society for Horticultural Science on "Factors which determine color in the forcing of roses," which will be found in this issue, shows conclusively that no matter what other factors there may be upon this question, the amount of light which is bestowed upon the plants is the greatest consideration to be taken in their culture. Now while this is not perhaps entirely new by any means, to many growers for they are well aware of the fact that the color of roses, especially the pink varieties, deteriorates in the short days of winter during the period of diminished sunlight and during extended periods of cloudy weather, yet does not the condition of the glass in the houses also have more or less effect upon this important matter? A prominent eastern grower once remarked that it was no great credit to grow a fine crop in a new house, for the house being clean and light and free from vermin would grow a crop of high quality with but little attention. Now all growers know that it is difficult to produce a crop of roses of the first quality in old or blackened houses and is it not plausible to think that one of the great causes is the deficiency of light? The glass is shaded in the spring and summer and never thoroughly cleansed, and the woodwork never made white. How much light would a living room have if the windows were never washed? This is a matter for all greenhouse owners to take into consideration and to experiment to see how much lighter the house would be, and how much more light the plants would receive, if the house were kept white, to reflect the light, and the glass thoroughly cleaned at least once each year.

### An Englishman's Appreciation.

As an Englishman who has lately had the pleasure of spending six or seven weeks in your country, I should like to re-echo the thanks, put in by your valuable paper on behalf of the English visitors. Like them, my wife and myself appreciate very highly the unbounded hospitality shown us. The way in which we were received and entertained by those connected with horticulture wherever we went leaves very pleasant memories. A visit such as we were privileged to make could not impress one with the great importance of horticulture in America, as well as with the fine personalities of the men who are conducting it. I doubt if anywhere in the world a finer lot of men connected with any one business could be found than those we had the pleasure of meeting at the banquet of the New York Florists' Club and the National Flower Show at Boston—men capable, large-hearted, though modest men, whom it was a privilege to meet, men in whose hands the future of horticulture is safe to be carried on to the benefit of all concerned. And who can foretell the future of horticulture in your great country? Great in every sense of the word, in its aims, in its extent, in its possibilities of enormous development in so many ways, as the wealth, and the innate love of

the beautiful and useful in nature increases, as it must and will increase.

Take one phase only. What a future lies open to the hybridist, to take in hand the various trees, shrubs and flowers which now successfully withstand your trying winters; to improve and multiply the types of these alone is a great work which may well occupy the lifetime of those who are able to pursue that work, and which must add largely to the possibilities of horticulture for future generations. My visit was not at a season when one could enjoy, or form a fair idea of horticulture as pursued outdoors. On the other hand the magnitude and the perfection of your large cut flower establishments was a revelation, and are not, I think, to be equalled in any other country. Again, the harmony, good fellowship and what one may call "esprit de corps" are most marked. There seemed an utter absence of that exclusiveness which British seem to revel in—possibly our dull, sunless skies get reflected in our temperament—. Be that as it may, there seemed an utter absence of it on your side, and an open-heartedness which was most impressive and refreshing. I had the privilege of attending a meeting of the American Rose Society at Boston and was impressed by the verve and go in conducting your business. I had the pleasure of hearing the papers read by your essayists, August Poehlmann and Wallace R. Pierson. I think Mr. Poehlmann's paper on what one may call the statesmanship of a business was a marvel of terse, lucid and trite compression. In its way Mr. Pierson's paper was a suggestion of a well thought and detail. At the meeting of the American Carnation Society on the Tuesday I was much impressed with the president's remarks on the advisability of paying more attention to the keeping qualities and fragrance of future seedling carnations. I think he is right and that with the splendid varieties you have now given us, his advice may well be seriously thought over and acted upon, both by the American Carnation Society and our own. Turning to the show itself. It was a great show, worthy of the great country and the great men who organized it and carried it through. I esteem it a privilege to have been there and to get to know and to shake hands with so many fine exponents of horticulture. As an Englishman it was a source of pride to me to see the great part which our Britishers, that is, natives of these islands and their descendants, are playing in the development of your horticulture. The part which the Killarney rose plays in your cut flower system, too, was another surprise to me, and was an excellent example of which it was grown. In comparing your carnation exhibits with our own I think I have seen as fine blooms of the leading varieties, such as White Perfection, Enchantress, Winsor, Pink Delight, etc., exhibited in London as any I saw there, but we could not approach you in the huge quantities shown. The exhibit of Ranunculus shown by M. H. Walsh, of Woods Hole, was unique in its way, being all of his own raising. It was extremely sorry I missed shaking hands with this fine raiser. The sweet pea exhibits of William Sim and A. C. Zvolanek, too, were magnificent for the date. If I may presume to criticise, may I say that I think if there were a little less crowding in some of the exhibits they would gain rather than lose in effectiveness. The mignonette staged there I have never seen equalled. I must, however, bring these rambling remarks to a close and again thanking you all most heartily for a most instructive and pleasant holiday.

W. E. WALLACE.

Eaton Bray Nurseries, Dunstable, England.

**Meetings Next Week.**

**Boston, Mass., May 16.**—Gardeners' and Florists' Club of Boston, Horticultural Hall.  
**Detroit, Mich., May 15, 8 p. m.**—Detroit Florists' Club, 112 Farmer street.  
**Grand Rapids, Mich., May 15.**—Grand Rapids Florists' and Gardeners' Club, office of member.  
**Lake Geneva, Wis., May 20, 8 p. m.**—Lake Geneva Gardeners' and Foremen's Association, News building.  
**Montreal, Que., May 15, 7:45 p. m.**—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrook street, west.  
**New Orleans, La., May 14, 2 p. m.**—Gardeners' Mutual Protective Association, 118 Exchange alley.  
**New Orleans, La., May 18, 8 p. m.**—New Orleans Horticultural Society, Kolbs' hall, 127 St. Charles avenue.  
**Newport, R. I., May 17.**—Newport Horticultural Society.  
**Pasadena, Calif., May 19, 8 p. m.**—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
**Providence, R. I., May 15, 8 p. m.**—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.  
**Salt Lake City, Utah, May 16.**—Salt Lake Florists' Club, Huddart Floral Co., 114 East Second South street.  
**Scranton, Pa., May 19, 7:30 p. m.**—Scranton Florists' Club, Queney building.  
**Seattle, Wash., May 16.**—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
**St. Paul, Minn., May 16, 8 p. m.**—Minnesota State Florists' Association, 510 Snelling avenue, north.  
**Toronto, Ont., May 16, 8 p. m.**—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

**Wants, For Sale, Etc**

**One Cent Per Word, Cash with Adv.**  
**For Plant Ads., See Ready Reference Section.**  
 Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Help Wanted**—Young men from 16 to 20 years of age as helpers in rose sections, who have had some experience in tea roses; salary paid according to ability, etc. **POEHLMANN BROS. CO.**  
 Plant B. Morton Grove, Ill.

**Help Wanted**—Practical florist, single, for private and commercial work; wages, \$45.00 and commission on sales; board, room and laundry furnished; must give reference as to ability and character.

**OXFORD RETREAT** Oxford, Ohio.

**For Sale**—A good paying greenhouse in leading southern city; large stock. For particulars address **Key 437, care American Florist.**

**For Sale**—New double strength glass, high quality: 50 boxes 16x18 D. S. B. at \$1.35 per box; 60 boxes 16x24 D. S. B. at \$2.10 per box.  
**J. V. DAVIS, Davenport, Iowa.**

**For Sale**—6 greenhouses, 10,500 sq. ft., glass; steam heat, county seat of 6000; no competition; fine location; good cause for selling; 10-room residence; write me if you want a location cheap. Terms to suit. **W. BRISCOE, Tipton, Ind.**

**For Sale**—4,000 feet of glass; hot water heat; city water; with or without dwelling; fine location in northern Illinois; city of 50,000; value increasing rapidly; a bargain.  
**Address Key 441, care American Florist.**

**For Sale Cheap**—Failing health; 9½ acres with 2 greenhouses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile; 20,000 population.  
**N. NEY, Second Avenue, Appleton, Wis.**

**For Sale**—Greenhouse of 3070 sq. ft. of glass need enlarging in N. E. Nebraska; good cut flower and design trade, over 20 miles west and north, no competition. R. R. center; cause advancing age.  
**Address Key 446, care American Florist.**

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, near Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write **J. T. HELBOX, 911 Wrightwood Ave., Chicago, Ill.**

**Wanted to Rent**—3 or 4 greenhouses by Sept. 1 near Chicago for 5 years. State all particulars in first letter. **Address Key 438, American Florist.**

**Wanted**—A first class rose grower to take charge of a place of 35,000 feet of glass, where miscellaneous stock is grown; married man preferred; send references and wages expected.  
**Address Key 442, care American Florist.**

**Wanted**—Agency for nursery stock and garden plants by a practical florist and gardener; territory to include Louisville and surroundings.  
**W. A. KELLER,**  
 1524 West Oak St., Louisville, Ky.

**Catalogues Wanted**—Send your wholesale catalogues and price lists to  
**UNION PARK FLORAL CO.,**  
 1611 West Lake St., Chicago.

**FIRST CLASS STOREMAN.**

Capable of taking charge wishes to secure a situation in some up-to-date florist store; can furnish the best of references. Do not answer unless you want an A1 man and willing to pay the right wages. For further particulars address  
**Key 443, care American Florist.**

**For Sale**

Only retail flower store in booming city of 20,000. Double track car service to Detroit, twenty-five miles. Will sell stock, fixtures and goodwill, with or without greenhouse property.

**A. B. LEWIS, Pontiac, Mich.**

**Wanted---Seedsmen**

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house.  
**Key 440, care American Florist.**

**WANTED**

Experienced rose grower to take charge of section; permanent position to right party; state experience, wages expected and references.

**J. F. WILCOX & SONS, Council Bluffs, Iowa.**

**WANTED**

Seedsmen who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. **Address**

**Key 440, care American Florist.**

**GARDENER**

Man of considerable experience in all lines of garden work, fruits, flowers, vegetables, pleasure grounds and greenhouses, desires position with a lady or gentleman needing the services of such a gardener. **Address**

**Key 447, care American Florist.**

**Wanted**

A man in every county in each state to sell **UNIQUE HEDGE TRIMMERS**, the best selling proposition ever offered; now being advertised in *Country Life in America*, *House and Garden*, *Garden Magazine*, *Suburban Life* and extensively by circular **Fountain Cutlery Co.,**  
 38 Hutchison Street, Philadelphia.

**Grower's Establishment.**

18,000 sq. ft. of glass, dwelling with all improvements; stable, city water and gas; over 18 city lots. Well situated at Maspeth, L. I. Excellent condition. Sell cheap on account of owner's illness. Inquire

**WM. H. SIEBRECHT, Jr.,**  
 277 Broadway, NEW YORK CITY

**Next Week****Memorial Day Number**

**Advertise all Specialties for  
 GREAT FLOWER HOLIDAY**

**Send Advertisements Early.**



# A Big Crop of Beauties

## And Roses Now On

Special Select White Carnations for Mothers' Day, May 14, 5 cents.

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

#### AMERICAN BEAUTIES

|                  | Per doz.     |
|------------------|--------------|
| Extra long.....  | \$3 00       |
| 24-36-in.....    | 2 00         |
| 18 to 24-in..... | 1 50         |
| 12 to 16-in..... | 1 00         |
| 8 to 10-in.....  | 50 to 75     |
| Short stems..... | Per 100 2 00 |

#### Rhea Reid

|                        | Per 100        |
|------------------------|----------------|
| Extra long select..... | \$ 8 00        |
| Good length.....       | 6 00           |
| Medium length.....     | \$4 00 to 5 00 |
| Short.....             | 3 00           |

#### Maids, Maryland, Killarney, White Killarney, Kaiserin and Richmond.

|                        | Per 100        |
|------------------------|----------------|
| Extra select.....      | \$ 8 00        |
| Good length.....       | 6 00           |
| Medium length.....     | \$4 00 to 5 00 |
| Good short length..... | 2 00 to 3 00   |

#### CARNATIONS

|                                     | Per 100        |
|-------------------------------------|----------------|
| Fancy pink, white and Red.....      | \$3 00         |
| Fancy seconds.....                  | 2 00           |
| <b>HARRISH LILIES</b> .....per doz. | 1 00           |
| " ".....                            | 8 00           |
| Lily of the Valley.....             | \$3 00 to 4 00 |
| Select Pink and White Peas.....     | 1 00 to 1 50   |
| Adiantum.....                       | 1 00           |
| Asparagus.....per string            | 50             |
| Asparagus Sprays.....               | 3 00 to 4 00   |
| Ferns, Eastern.....per 1000         | 3 00           |
| " Southern.....per 1000             | 2 50           |
| Galax, Green.....per 1000           | 1 00           |
| " Bronze.....per 1000               | 1 00           |
| Smilax.....per doz.                 | 2 50           |

Good Assortment of Roses in lots of 500 at the rate of \$20.00 per 1000.

By Direct of the Grower and Get Fresh Stock

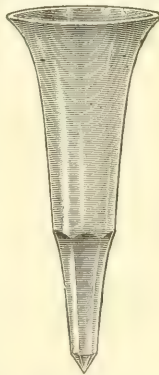
## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

#### Chicago.

##### AN IMPROVED MARKET.

The market toward the close of last week took a turn from that of the few days that had preceded it and while there was plenty of stock to fill all the orders yet at the end of the week there was very little, if anything, left over. The roses are still being received in large quantities but the demand is great enough to take them as fast as they come in though the prices have remained at about the same figures as they have been for the last week or two but there are fewer bargain sales. There is a very heavy cut of short stemmed American Beauties and these are being made a feature in some of the stores. Killarneys, White Killarneys and My Marylands are in large supply and some of the stock is elegant and Richmond is of fine quality and in good supply. The carnations are not in quite as heavy crop as they have been and are finding a better market. The growers of this flower are looking forward to a spirited demand at the end of the week, especially for white carnations for Mothers' day, and they have advanced the price. The demand will however be mostly for white carnations, and it is possible that it will extend to white flowers of other kinds than these. The sweet peas are meeting with good call and are freely used both for corsages and flower work and some extra fine stock is to be found every day. Orchids are in quantity enough to supply the demand and some very fine blooms of Cattleya Mossie are among the receipts. The after crop of Easter lilies has about passed away and there is not any over-supply of these on the market at present. The Spanish iris is used by many of the retail stores in their window displays and is a great



## Clara Cemetery Vase

### MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth.  
Can be supplied in green or white.  
Doz., \$2 50; barrel of 3 doz., \$6.00,  
f. o. b. Chicago.

## Vaughan's Seed Store,

CHICAGO:

31-33 W. Randolph St.

NEW YORK:

25 Barclay St.

addition to the other flowers. Out door bulb stock is quite plentiful but does not have a very heavy call. The antirrhinum is exceptionally fine and embraces all the colors and is having a good sale. Pansies are very plentiful but the quality of some is far from the best. Greens are having a good sale preparatory for Memorial day and large quantities of galax and ferns are being prepared for shipment. There is plenty of asparagus but smilax is very short and is bringing good prices.

#### NOTES.

The plant trade is occupying the attention of all hands at Muir's on Michigan avenue and a fine assortment is to be found here. A few plants of calceolarias were particularly noticeable, these plants are so seldom seen these days and the strain grown here was very fine.

W. L. Sullivan and J. R. Friedman, proprietors of the Woodlawn Floral Shop, East Sixty-third street, had an exceedingly busy day May 6, when a large number of funeral orders were arranged. Seven of the many designs were delivered to 6741 Evans avenue.

Charles Schneider will, in the near future, open a store on the second floor of the building at the northeast corner of Washington and Dearborn streets.

Wm. Kilsner, formerly with the Chicago Carnation Co., and Miss Hilda Ryden of Joliet were married in that city last week.

Kyle & Foerster are showing an exceptionally fine grade of sweet peas and Mrs. Francis King gladiolus.

C. H. Fisk has purchased a 50-horse power seven-passenger Speedwell touring car.

# Poehlmann Bros. Co.

Office and Salesroom, 32-34-36 East Randolph St.

Long Distance Phone  
Randolph 35. CHICAGO, ILL.

## Extra Fine Long Roses

**\$40.00 per 1000**

## Extra Fine Medium Roses

**\$30.00 per 1000**

## Extra Fine Short Roses

**\$20.00 per 1000**

### CURRENT PRICE LIST:

| AMERICAN BEAUTIES              | Per Doz.       |
|--------------------------------|----------------|
| Extra Select .....             | \$3.00         |
| Medium .....                   | \$1.50 to 2.00 |
| Short .....                    | 50 to .75      |
|                                | Per 100.       |
| KILLARNEY, special .....       | \$10.00        |
| Fancy .....                    | 8.00           |
| Medium .....                   | \$4.00 to 6.00 |
| Good Short .....               | 3.00           |
| RICHMOND, special .....        | 10.00          |
| Fancy .....                    | 8.00           |
| Medium .....                   | \$4.00 to 6.00 |
| Good Short .....               | 3.00           |
| MY MARYLAND, special .....     | 10.00          |
| Fancy .....                    | 8.00           |
| Medium .....                   | \$4.00 to 6.00 |
| Good Short .....               | 3.00           |
| WHITE KILLARNEY, special ..... | 10.00          |
| Fancy .....                    | 8.00           |
| Medium .....                   | \$4.00 to 6.00 |
| Good Short .....               | 3.00           |

|                                                    | Per 100.       |
|----------------------------------------------------|----------------|
| PERLE, long .....                                  | \$6.00         |
| Medium .....                                       | 3.00           |
| Our Extra special grade Roses charged accordingly. |                |
| CARNATIONS, fancy white .....                      | \$6.00         |
| " colored .....                                    | \$4.00 to 6.00 |
| ORCHIDS, Cattleyas, per doz. ....                  | \$6.00 to 7.50 |
| HARRISII, per doz., \$1.50 .....                   | 8.00           |
| CALLAS, per doz., \$1.50 .....                     | 8.00           |
| SPANISH IRIS .....                                 | \$4.00 to 6.00 |
| VALLEY .....                                       | \$3.00 to 4.00 |
| MIGNONETTE, large spikes .....                     | 4.00           |
| SWEET PEAS .....                                   | \$0.75 to 1.00 |
| " Butterfly .....                                  | 1.50           |
| ADIANTUM CROWEANUM .....                           | 1.00           |
| SPRENGERI, PLUMOSUS SPRAYS .....                   | \$3.00 to 4.00 |
| PLUMOSUS STRING .....                              | each .60       |
| FERNS .....                                        | per 1000 3.00  |
| GALAX .....                                        | per 1000 1.25  |
| LEUCOTHOE .....                                    | per 100 75     |

**POEHLMANN'S FANCY VALLEY  
EXTRA FINE HARRISII LILIES**

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other

John Mangel always has an attractive floral arrangement in his window on Wabash avenue. A large galax wreath with a spray of Mrs. Jardine roses this week nicely arranged is a beautiful feature to catch the eye of the prospective customer. A very fine specimen cattleya in the other window attracted attention.

At J. A. Budlong's the trade keeps up well and the quality of the stock now arriving is very creditable to the growers. Phil Schupp is paying particular attention to the out-of-town shipping trade and the stock is fine for the purpose.

A splendid spring trade is being enjoyed at Lange's store on East Madison

street. Some large orders for funeral work the last two weeks beside the usual business has kept all hands very busy.

Mike Seganos is managing Nick Deligiannis' new store, which recently opened at 35 East Van Buren street. Nick Speropurs has opened a temporary store at 22 South Wabash avenue.

Canger & Gormley have had their share of the spring work and have executed some very nice orders. A new delivery wagon is an addition at this store.

Peter Propps, who now has a stand in the Maurice L. Rothschild store, will, in the near future, open a store at 2450 North Clark street.

A splendid grade of American Beauty roses, "Butterfly" sweet peas and cattleyas were seen at E. C. Ambling Co.'s store this week.

Aug. Grossman, the well known Lincoln avenue grower, is supplying John Kruchten with an exceptionally fine grade of Killarney roses.

James Bernard has leased Nic. Miller's range of greenhouses at Wilmette and will take possession June 1.

A. Ziska of the Chicago Rose Co. has been suffering considerably from rheumatism the past two weeks.

Fred. Liebermann is enjoying good business and is building up a nice trade at his store at 1611 Wells street.



**U S Budlong's**  
**E Blue Ribbon Valley.**

**Source of  
Supply**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**We Have What U Want  
Send Us Your Orders.**

**For Your Wedding Bouquets Be Sure to Order Our Fancy Sweet Peas.  
Quality speaks louder than prices.**

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES  
and CARNATIONS  
A Specialty.....**

**WHOLESALE  
GROWER OF**

**CUT FLOWERS**

**L. D.  
Phone  
Central  
3120**

The young stock in Wietor Bros.' greenhouses is looking fine and the management is looking forward towards a big year. The indications for an early carnation crop are bright. The Uncle John roses that this firm is cutting are of A 1 quality, the color, foliage and stem being grand. N. J. Wietor evidently believes in letting the young fellow have a good time, for he purchased a \$250 motorcycle for his nephew last week.

Wm. Graff, the well known florist of Columbus, O., returned May 11, from West Baden, Ind., where he had been receiving treatment. He has been on the sick list for some time, but is feeling much better at present and an early recovery is looked for. Mr. Graff will leave for Columbus in a few days.

Conrad Frauenfelder and daughter, Edna, and his sister Mrs. Decker returned May 4, from Phoenix, Ariz., where they went for the benefit of the latter's health. They returned much earlier than they expected as the climate did not prove as beneficial as it was thought it would be.

James Psenicka, formerly with Wietor Bros., will now devote his entire time to the Northwestern Floral Co.'s interests. Mr. Psenicka, who is one of the proprietors of the above mentioned company, has moved his family and household furniture to Gross Point where the greenhouses are located.

The interior of the store now occupied by Percy Jones is being repainted and it is hoped that the painters will complete their job this week. Kennicott Bros. Co. will have a store here also, likewise the Chicago Growers' Exchange, who expect to open for business May 22.

Teddy Vogel returned Sunday, May 7, from San Francisco, Calif., after a six months' absence. Life on a ranch evidently agreed with him for he is feeling fine and is in the best of health. He has accepted a position with Kennicott Bros. Co., and entered upon his duties May 8.

E. E. Piezer says that the peony crop for Memorial day is a weather proposition, but as far as quality is concerned it will be good. He states

that Kennicott Bros. Co.'s branch store will open either on May 13 or May 15, with Nic. Miller in charge.

Bassett & Washburn are supplying their customers with a good grade of American Beauties and other roses. Their carnations are also of good quality and judging from the supply seen at the store they will be enabled to take care of all orders entrusted to them.

Vaughan & Sperry are enjoying good business, the shipping trade being very good and is increasing. This firm is now handling the output of three additional growers which they have added to their list the past week.

E. F. Winterson anticipates early removal to Independence boulevard, opposite Garfield park, where he is building a fine new residence. Ha! there! You violets! Sweet violets! And he doesn't care who knows it!

L. Hoekner, familiarly known as "Stogie," is getting his flower booth in Riverview Park in readiness for the coming season. Sunday, May 4, is inspection day, the regular season not opening until May 24.

Frank Oechslein is adding six new houses and installing a new No. 12 Kroeschell boiler. The houses are Foley construction and material, four 24x125 feet, one 38x125 feet and one 10x125 feet.

Paul Blome & Co., the North Clark street florists, are kept very busy these days with funeral work. Art Christiansen formerly with H. C. Rowe, is and has been with this firm for some time.

Among the large quantity of high grade stock that Poehlmann Bros. Co. are receiving at the store this week, a splendid grade of Killarney roses of unsurpassed quality can be seen.

Peter Reinberg is cutting an exceptionally fine grade of roses of all kinds and finds a ready sale for same. Tim Matchen and his force of assistants have put in a very busy week.

H. N. Bruns says that the demand for lily of the valley has kept up very well since Easter and will probably continue so for some time, especially in June, the month of weddings.

**We are now located  
in our new store**

where we are much better prepared than ever to handle both our local and shipping trade.

For first-class stock send your order to us and we will supply you with the **Choicest Grade of Cut Flowers in the Chicago Market.**

**SINNER BROS.,**

82-86 East Randolph St., CHICAGO.

Manager Pyfer of the Chicago Carnation Co., bought an adding machine last week and is now busy figuring out how much they realized from the sale of Washington last season.

Sinner Bros. are well pleased with the amount of business they are doing in their new store, trade being a great deal better than they expected.

The Geo. Wittbold Co. have had several important wedding decorations within the week. They report trade in general very good.

The J. B. Deamud Co. is receiving a large supply of all kinds. Their sweet peas, gladioli and carnations are of good quality.

Visitors: A. L. Glaser, Dubuque, Ia.; J. Schwartzau, Nashville, Tenn.; Chas. Loveridge, Peoria, Ill.; Robt. A. Smythe and wife, Benton Harbor, Mich.; E. N. Weygant, Indianapolis, Ind.; P. Ouwerkerk, Weehawken Heights, N. J.; Jas. Meiklejohn, representing H. Frank Darrow, New York; A. S. Roth, Joliet.

#### Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Union Restaurant, May 4, with a good attendance. President Philpott in the chair. The club accepted the invitation of the Milwaukee florists to hold a joint meeting in the Wisconsin city, June 1, and the transportation committee was instructed to make the

# Large Crop of Beauties

And **Roses** of all the **Best Varieties**. The quality is perfect and there are no better flowers coming into this or any other market.

A **Large Supply** of **CARNATIONS** for **MOTHERS' DAY**.

Extra Fancy White, \$4.00 to \$5.00 per 100; Colored \$3.00 per 100.

**Send Your Orders Direct to the Grower and They Will be Taken Care of.**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.   |
|-----------------------|------------|
| Extra long stems..... | \$4 00     |
| 36 inch stems.....    | 3 50       |
| 30 inch stems.....    | 3 00       |
| 24 inch stems.....    | 2 50       |
| 20 inch stems.....    | 2 00       |
| 15 inch stems.....    | 1 50       |
| 12 inch stems.....    | 1 00       |
| Short stems.....      | .50c to 75 |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 3 00 to 4 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 8 00 to 8 00      |
| Bride.....           | Medium..... 3 00 to 4 00      |

|                           | Per 100                                                    |
|---------------------------|------------------------------------------------------------|
| Ivory.....                | } Select.....\$6 00 to \$ 8 00<br>Medium..... 3 00 to 4 00 |
| Sunrise.....              |                                                            |
| Perle.....                |                                                            |
| Roses, our selection..... | 3 00                                                       |
| Carnations.....           | 2 50                                                       |
| Fancy.....                | 3 00                                                       |
| Harrisll.....             | 10 00 to 12 00                                             |
| Valley.....               | 3 00 to 4 00                                               |
| Sweet peas.....           | 75 to 1 00                                                 |
| Tulips.....               | 3 00 to 4 00                                               |
| Adiantum.....             | 1 00                                                       |
| Asparagus, per bunch..... | 50                                                         |
| Ferns, per 1000.....      | 3 50                                                       |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

necessary arrangements. W. J. Kelmel, of Elmhurst, will read a paper on roses at this meeting and W. G. McGee has promised a paper on fertilizers for the July meeting. Resolutions of sympathy with Mrs. Wm. Starrett in the death of her husband were adopted. T. E. Waters reported that Geo. Woodward was progressing favorably at the Passavant hospital.

Allie Zech reported that the Milwaukee bowlers would be on hand Sunday, May 7, and that arrangements were in progress for entertaining them. Mr. Zech also announced that Ehrhardt grove at Park Ridge had been selected for the picnic Sunday, July 23, and that the bowling season would open Tuesday, May 9, at Bensinger's alleys, Monroe street. All those who wish to qualify for the team that will represent Chicago at the Baltimore convention should be present.

President Asmus of the Society of American Florists, addressed the meeting and stated that the Baltimore florists are making great preparations for the coming convention in August and that all indications point to one of the most successful meetings in the history of the national organization.

Phil Foley reported that the transportation committee has as yet made no arrangements for the Baltimore convention trip, and added that he believed special low rates to the east would be in effect at that time.



## ORCHIDS

**::A Specialty::**

A fine stock of **Cattleyas**, **Gardenias**, **Dendrobiums**, **Assorted Orchids**, **Valley**, **Violets**, **Beauties**, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**

**162 N. Wabash Avenue,  
CHICAGO.**

Isaac Cassidy, formerly with the Lord & Burnham Co., New York, who recently joined the staff of the Foley

Mfg. Co., was introduced to the members and Wm. Mechwart was elected to membership.





# EXTRA FANCY BEAUTIES

THE FINEST THE MARKET AFFORDS.

Not only will you find our prices right, but the high quality of the stock we send out will make and keep your customers. Every order gets our personal attention, and we are confident we can give you every satisfaction.

## For Mothers' Day

Extra Fancy White  
Carnations, \$5.00 per  
100; Boston Market

and others small white, \$3.00 to \$4.00 per 100; Colored varieties, \$2.00 to \$3.00 per 100.

### PRICE LIST

| BEAUTIES                              | Per doz.       |
|---------------------------------------|----------------|
| Long stems.....                       | \$4 00         |
| 30 to 36-inch stems.....              | \$3 00 to 3 50 |
| 20 to 24-inch stems.....              | 2 50           |
| 15 to 18-inch stems.....              | 1 50 to 2 00   |
| 12-inch stems.....                    | 1 00           |
| <b>Killarney, special</b> .....       | <b>\$10 00</b> |
| " fancy.....                          | 6 00 to 8 00   |
| " good.....                           | 4 00 to 6 00   |
| <b>White Killarney, special</b> ..... | <b>10 00</b>   |
| " fancy.....                          | 6 00 to 8 00   |
| " good.....                           | 4 00 to 6 00   |
| <b>Richmond, special</b> .....        | <b>10 00</b>   |
| " fancy.....                          | 6 00 to 8 00   |
| " good.....                           | 4 00 to 6 00   |

|                             | Per 100           |
|-----------------------------|-------------------|
| Brides and Bridesmaids..... | \$4 00 to \$ 8 00 |
| Maryland.....               | 4 00 to 8 00      |
| Gates and Uncle John.....   | 4 00 to 8 00      |
| Perle.....                  | 4 00 to 8 00      |
| ROSES, our selection.....   | 3 00              |
| ORCHIDS, Cattleyas.....     | 5 00 to 7 50      |
| CARNATIONS.....             | 2 00              |
| special fancy.....          | 3 00              |

### MISCELLANEOUS

|                    | Per 100            |
|--------------------|--------------------|
| Callas.....        | \$10 00 to \$12 00 |
| Easter Lilies..... | 10 00 to 12 00     |
| Valley.....        | 3 00 to 4 00       |
| Peonies.....       | 50 to 1 00         |
| Glaadiolus.....    | 1 00 to 1 50       |

### MISCELLANEOUS

|                     | Per 100            |
|---------------------|--------------------|
| Outdoor Tulips..... | \$ 2 00 to \$ 6 00 |
| Sweet Peas.....     | 75 to 1 25         |
| Jonquils.....       | 3 00 to 4 00       |
| Minonette.....      | 35 to 75           |
| Spanish Iris.....   | 4 00 to 6 00       |

### GREENS

|                                     | Per 100                  |
|-------------------------------------|--------------------------|
| Asparagus Plumosus, per string..... | \$0 50                   |
| Sprengeri, bunch.....               | \$0 25 to 50             |
| sprays.....                         | 35 to 50                 |
| Smilax.....                         | per doz., 2 50 to 3 00   |
| Fancy Ferns.....                    | per 1000, 4 00           |
| Adiantum.....                       | per 100, 1 00            |
| Colex Leaves.....                   | per 1000, 1 00 to \$1 25 |
| Boxwood.....                        | Per lb., 25c             |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751

161 N. Wabash Ave., CHICAGO

### Davenport, Ia.

During the last two weeks there has been more funeral work arranged than for many a year in the same length of time. Every florist had all they could do and there was hardly enough flowers to meet the demand. As the weather has been fairly frigid up to within a few days the plant business now opens with a rush, and prospects are very bright for a record-breaking spring business. Several firms claim that their advance orders will about clean them up. Carnations have all been planted, and the young stock has started off well, having had a nice rain and cool and cloudy days to give it a good send-off.

J. W. Davis has signed a contract with the Lord & Burnham Co. for the erection of a greenhouse plant at Bettendorf, a suburb of Davenport, for the growing of vegetables. There will be three houses 43x600 feet, one house 24x260 feet, one service house 50x130 feet. Three boilers will be installed with a capacity of 350 h. p. and room will be provided for the addition of three more when they become necessary. A smokestack of special brick, made only for that purpose, 100 feet in height, with an inside diameter of five feet, will be erected. The houses will be 17 feet to the ridge with the gutter on seven foot supports and 2,700 boxes of glass will be used in the roofs. There will be a continuous ventilator sash on both sides of ridge, and also on both side walls, these being of glass, to within one foot of the ground. The contract calls for the plant to be finished by Sept. 1, 1911. A spur track is being built so that all material can be laid right on the ground. Coal will be bought at the mines and unloaded from cars right into the boiler-room. The contract for piping has not been given as Mr. Davis has not as yet

# CARNATIONS

SPECIAL QUALITY FOR MOTHERS' DAY

### PRICE LIST

| ROSES                                            | Per 100 |
|--------------------------------------------------|---------|
| American Beauty, per doz., \$1 50 to \$6 00..... |         |

|                                         | Per 100          |
|-----------------------------------------|------------------|
| White Killarney.....                    | \$3 00 to \$8 00 |
| Killarney.....                          | 3 00 to 8 00     |
| My Maryland.....                        | 3 00 to 8 00     |
| Richmond.....                           | 3 00 to 8 00     |
| Extra special roses billed accordingly. |                  |

### MISCELLANEOUS

|                                | Per 100          |
|--------------------------------|------------------|
| Violets, double.....           | \$0 75 to \$1 00 |
| single.....                    | 50 to 75         |
| Sweet Peas, fancy.....         | 50 to 1 25       |
| medium.....                    | 75 to 1 00       |
| Easter Lilies.....             | 10 00 to 12 50   |
| Callas.....                    | 10 00 to 12 50   |
| Valley, select.....            | 3 00             |
| special.....                   | 4 00             |
| Daisies, white and yellow..... | 1 00 to 2 00     |
| Jonquils.....                  | 3 00             |
| Daffodils.....                 | 3 00             |
| Poor Whites.....               | 3 00 to 4 00     |
| Tulips.....                    | 3 00 to 4 00     |

|                         |                            |
|-------------------------|----------------------------|
| Orchids, Cattleyas..... | per doz., \$6 00 to \$7 50 |
| Gardenias.....          | 3 00 to 4 00               |

### CARNATIONS

|                               | Per 100          |
|-------------------------------|------------------|
| Special, large and fancy..... | \$4 00 to \$5 00 |
| Select.....                   | 2 00 to 3 00     |
| Splits.....                   | 1 00             |

### DECORATIVE

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Asparagus Plumosus, per string..... | \$0 50 to \$0 75                |
| per bunch.....                      | 35 to 50                        |
| Asparagus Sprengeri, per bunch..... | 25 to 50                        |
| Adiantum, fancy, long.....          | 1 00                            |
| Farleyense.....                     | 8 00 to 10 00                   |
| Smilax.....                         | per string, 20c; per doz., 2 00 |
| Mexican Ivy.....                    | per 1000, 6 00                  |
| Ferns.....                          | 4 00                            |
| Galax.....                          | 1 00                            |
| Leucothoe Sprays.....               | 75                              |

### Subject to Market Changes.

Send us your name and we will send you our beautiful calendar showing our new carnation Washington in natural colors.

# Chicago Carnation Co.

A. T. PYFER, Manager.  
Phone Central 3373.

30 E. Randolph St., CHICAGO

decided whether steam or hot water will be used. The main crop grown will be cucumbers. T. E.

NEW YORK, N. Y.—Frederick J. Langjahr has leased the store and basement of 130 West Twenty-eighth street in which to conduct a wholesale florist business.

BRISTOL, R. I.—Geisler & Saillant have opened their new greenhouses at 583 Wood street.

MINNEAPOLIS, MINN.—In preparation for the civic celebration the merchants of the down town stores will place window boxes of plants in all their windows.



# Fancy Ferns, - \$2.50 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1 25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
 Boxwood.....per bunch, 35c; 60-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

### Cincinnati.

#### A BETTER MARKET.

The market as a whole has tightened up somewhat since the last report, but prices, however, have not been materially affected. Some things are moving at slightly lower figures. At the close of last week's business practically everything except lilies, lily of the valley, snapdragon and a small amount of bulbous stock was cleaned up. Sunday brought in some shipments of roses and carnations which moved none too rapidly. The sum total of the week's business was only fair. In roses a heavy crop of Brides is coming in and other varieties are offered in goodly numbers. The supply of American Beauties, especially long ones, seems more than adequate. The cut of carnations seems to be reducing and as a result the good stock cleans out rapidly. Outdoor tulips are coming in. Spanish iris are being offered. Cape jasmynes from south Texas are in full blast and some are being used for corsages. Sweet peas find a good steady call. Southern ferns are now in demand in this list of green goods and other supplies in this line are adequate for all needs.

#### CLUB MEETING.

The Florists' Club held its regular monthly meeting at the club rooms and a very lively interest was shown in all the affairs that came up for discussion. An outing committee composed of Albert Sunderbruch, Ray Murphy, Al Heckman and Charles H. Hoffmeister was appointed. They are to arrange details for the annual outing and report at the next meeting, and at that time nomination of officers will be made in open session to be balloted upon at the annual meeting.

#### NOTES.

The following intend to visit "the old country" this summer: J. A. Peterson, Norway, Denmark and continental Europe; Max Rudolph and Henry Schwartz, Germany and other neighboring continental countries.

Martin Reukauf of H. Bayersdorfer evidently couped some choice orders if we judge correctly from the self-satisfied smile and sphinx-like silence he bore.

Wm. Murphy has been receiving some very elegant carnations from the various greenhouses in Murphysville.

Heller Brothers of Newcastle, Ind., have been heavy consignors of American Beauties to E. G. Gillett.

The Bloomhust Floral Co. are shipping a heavy cut of Bride roses to J. M. McCullough's Sons Co.

C. E. Critchell received some southern ferns the early part of last week.

L. H. Kyrk has been keeping up his steady supply of elegant sweet peas.

Visitors: H. F. Winters, S. A. Greeg and R. E. Silman of the Charleston Cut Flower and Plant Co., of Charleston, W. Va., and—Weber of Weber Bros., Ironton. H.

### Cleveland.

#### FROM FEAST TO FAMINE.

The flower market underwent a wonderful change during the latter part of last week, from an oversupply of carnations and roses which existed up to Wednesday to a famine on Saturday was the unusual condition. On Saturday there was not a carnation and only a few roses left in any of the wholesale houses. The big crop of carnations is off and from now on there will be a slight advance until after Memorial day. Everything cleaned up except lilies and callas, smilax was in demand with but a limited quantity on hand. Sweet peas, daisies, lilies, forget-me-nots, mignonette, outdoor tulips and daffodils are a part of the daily stock. There are still a few calls for violets.

#### NOTES.

Peter Nichols, the Arcade florist, was married to Miss Marie Nauspali on Thursday evening, May 4, at Royal Hall, corner of East Eighty-fifth street and Woodlawn avenue. Mr. Nichols has opened a moving picture show in Elyria. This enterprise makes three separate and distinct lines of business which he runs and controls.

The Flower Club met at Campbell's Hotel on Friday, May 5, and adopted a set of rules and by-laws. Steps were also taken to properly advertise Mothers' day by placing advertisements in the local papers and placards in the windows.

C. B. Wilhelmly had a house-warming at his new place May 5. A good time was reported.

The May party promises to be a success if all the florists attend who promised they would.

G. P. Braund & Co.'s place in Newburgh was partially burned Friday, May 5. C. F. B.

### Tarrytown, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held Friday evening, April 25. President Brunger occupied the chair and two names were added to the list of members. The prize for the evening, offered by E. W. Newbrand for the best flowering plant, was awarded to George Wittlinger with a fine plant of *Medinilla magnifica*. A cultural certificate was awarded to John Woodcock for a fine vase of antirrhinums and also for calceolarias. A certificate of merit was awarded to Abel Weiko for a variegated carnation seedling.



## George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of  
**Evergreens**

Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
 127 W. 26th St., bet. 6th & 7th Aves., New York  
 Telephone 1202 Madison Square.

## Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and  
Natural Sheet **MOSSSES**

Quality and service unequalled.

**E. A. BEAVEN, Evergreen, Ala.**

SEND US YOUR ORDERS FOR

## HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.  
 Same size cases as Wild Smilax, \$2.50.

**Caldwell the Woodsman Co.**  
 EVERGREEN, ALA.

For the May meeting W. Scott offers a prize for twelve varieties of flowering shrubs and herbaceous flowers. G. M.

INDIANAPOLIS, IND.—Baur & Smith will dissolve partnership June 1, the former partner taking the Rockwood avenue and Thirty-eighth street place, while F. Sydney Smith retains the Senate avenue and Thirty-eighth street plant.

DES MOINES, IA.—The Iowa Seed Co. have commenced the erection of a large show conservatory and four additional greenhouses. The conservatory will be 40x125 feet with a central dome 25 feet high. Two of the new houses will be 26x185 feet and two 21x125 feet, making an addition of 20,000 square feet to the present area of 77,000 feet.

# Cut Flowers \* E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 162 N. Wabash Avenue CHICAGO

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

St. Louis.

FROM GLUT TO SCARCITY.

The weather is warmer and more like summer. The market the latter part of the week underwent a great change, where there had been a glut there was a scarcity, carnations advanced to three and four cents, and if it had not been for the quantity of roses and other flowers they would have gone higher. There are quite a few long-stemmed American Beauty roses and a few peonies. Sweet peas have shortened up in supply.

### NOTES.

The golden wedding of Herman Angermueller and wife was celebrated Saturday evening. Their nephew, George H. Angermueller, presented them a beautiful floral basket made of yellow roses which were expressly ordered of Poehlmann Bros., Chicago. A great many yellow marguerites were also used.

A meeting was held at J. J. Bencke's May 6 to arrange for the banquet to be given on the twenty-fifth anniversary of the Florists' Club. A committee was appointed consisting of Henry Ostertag, E. W. Guy of Belleville, Ill., A. J. Bentzen, Chas. Schoenle and George Winder.

Here is something for the Retail Association to act upon. A large dry goods house retailed Cape jasmines at one cent each, and at the same time the retailers paid that and more at wholesale.

David Geddis, formerly with F. C. Weber and C. A. Samuelson of Chicago, has accepted a position as manager with the M. M. Ayres Floral Co.

Arthur Meyer, bookkeeper at C. A. Kuehn's, fell off the car and broke his wrist and is unable to attend to his duties.

The appointments of Park Commissioner Davis and City Forester Julius Koenig have been confirmed by the council.

C. A. Kuehn had some very fancy Cape jasmines with 18-inch stems which brought \$2 and \$2.50 per 100.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO May 10.                              | Per doz.    |
|----------------------------------------------|-------------|
| Roses, Beauty, specials.....                 | \$4 00      |
| .. 36 in.....                                | 3 50        |
| .. 30 in.....                                | 3 00        |
| .. 24 in.....                                | 2 50        |
| .. 18 to 20 in.....                          | 1 50@ 2 00  |
| .. Short stem.....                           | 75@ 1 00    |
| .. Killarney.....                            | Per 100     |
| .. White Killarney.....                      | 3 00@ 10 00 |
| .. Richmond.....                             | 3 00@ 10 00 |
| .. My Maryland.....                          | 3 00@ 10 00 |
| .. Cardinal.....                             | 3 00@ 2 00  |
| Bride.....                                   | 3 00@ 2 00  |
| Bridemaid.....                               | 4 00@ 8 00  |
| Rhea Reid.....                               | 4 00@ 8 00  |
| Mr. Jardine.....                             | 4 00@ 8 00  |
| Perle.....                                   | 3 00@ 6 00  |
| Carnations.....                              | 3 00        |
| .. fancy.....                                | 5 00        |
| Gardenias..... per doz., 3 00@ 4 00          |             |
| .. .. per doz., 1 00@ 1 50                   |             |
| Gladiolus..... per doz., 1 00@ 1 50          |             |
| Harrisii and Callas..... per doz., 1 50      |             |
| Iris.....                                    | 4 00@ 6 00  |
| Mignonette, large spikes.....                | 3 00@ 4 00  |
| Orchids, Cattleyas..... per doz., 3 00@ 7 50 |             |
| Peonies..... per doz., 1 00                  |             |
| Sweet Peas.....                              | 75@ 1 50    |
| Tulips.....                                  | 3 00@ 4 00  |
| Valley.....                                  | 3 00@ 4 00  |
| Adiantum Crowsanum.....                      | 1 00        |
| Boxwood, per bunch 35: per case              |             |
| .. of 50 lbs.....                            | \$7 53      |
| Ferns..... per 1000 3 00@ 4 00               |             |
| Galax.....                                   | 1 25        |
| Leucothoe.....                               | 75          |
| Plumous String..... each                     | 60          |
| Smilax..... per doz., 2 00@ 3 00             |             |
| Sprenger, Plumous Sprays.....                | 3 00@ 4 00  |
| Wild Smilax..... per case.....               | 5 00        |

St. Louis, May 10.

|                                |              |
|--------------------------------|--------------|
| Roses, Beauty, long stems..... | 40 00@ 50 00 |
| .. .. medium stems.....        | 20 00@ 25 00 |
| .. .. short stems.....         | 2 00@ 4 00   |
| .. Bride, Bridemaid.....       | 5 00@ 8 00   |
| .. Killarney.....              | 5 00@ 8 00   |
| .. My Maryland.....            | 5 00@ 8 00   |
| .. Richmond.....               | 5 00@ 8 00   |
| Carnations.....                | 2 50@ 4 00   |
| Easter Lilies.....             | 12 50@ 15 00 |
| Valley.....                    | 3 00@ 4 00   |
| Adiantum.....                  | 1 25         |
| Asparagus Sprenger.....        | 2 00@ 3 00   |

The bill to make crepe pulling a misdemeanor will come before the house of delegates Tuesday evening.

Henry Lawrence, proprietor of the Park Floral Co., died Saturday. He had been sick for some time.

Jos. Witke, formerly with M. M. Ayres Floral Co., is now with F. C. Weber.

Al Gumz is back again at his usual post at Geo. Angermueller's.

W. M. Meier is cutting some nice sweet peas and carnations. W. F.

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO.



## A. L. Randall Co.

70 E. Randolph St.

CHICAGO.

L. D. Phone Central 1466. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St. ST. LOUIS, MO.

Both L. D. Phones. Supplies and Everything in Season always on hand

## CHIFFONS

(About 35 to 40 yards to piece.)

Plain (any color). 4 in. wide..... 3c yard  
.. .. 6 in. wide..... 4c yard  
.. .. 10 in. wide..... 6c yard

GEO. H. ANGERMUELLER, Wholesale Florist,  
1334 Pine Street, ST. LOUIS, MO.

BANGOR, ME.—A. J. Loder is erecting two new greenhouses at his place in Pittsfield to meet the requirements of his increasing business in Bangor.



# Do You Gamble? As

Suppose, Mr. Retail Florist, it is May 29 and a customer stands at your counter. On the counter is a bunch of twelve good Peonies. In another vase there are twelve roses, and in still another vase twelve carnations. The Peonies cost you 5 cents for each flower, the roses 8 cents and the carnations 4 cents. Put your own selling prices on them. Which does the customer select? The Peonies, practically every time. The modern Peonies as fine as any rose. It's as big as several carnations, and it makes a showing for the money unequaled by any other flower. That's why the Peony is the big special item of the Decoration Day demand.

## WELCH BROTHERS,

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonable stock.

Boston.

### BETTER MARKET CONDITIONS.

There is a better tone in the market the past few days. Since last report we have had some cold weather and the markets have lost the stagnant condition in which they were at the last writing. There is still plenty of material, but the buyers are enjoying better business, the salesmen are more hopeful and this, of course, makes the growers feel that things have not gone to the dogs. The flower business is something like the stock market, no one can tell what tomorrow may bring forth. The quality of the carnations continues to be good and roses, also, are of good quality. There are more yellow marguerites in the market this year than ever before. Let us hope the improvement in trade has come to stay for some time or at least until July, when we expect our summer dullness.

### NOTES.

Donald Carmichael of Wellesley, on account of his health, gives up business June 1. Mr. Carmichael has been in his present location for 17 years and has been recognized as an expert carnation grower. By hard work and skillful culture he has built up a nice establishment, and is noted as one of the solid men of Wellesley, and is a director and treasurer of the Co-operative Flower Market. He retires to take a rest and may perhaps engage in other business lines apart from that of the trade, so that he may be outside most of the time. The best wishes of the trade go out to him, and no doubt he will always keep in touch with his fellow craftsmen. The establishment has been let to Smith & Farquhar, two young men, who will have an up-to-date place to begin with, and we hope they will keep up the reputation of quality that the place has gained from the owner.

This has been a great spring for the nurserymen, the cold weather has helped late planting, but the seedsmen are having a hard time. Everything comes to those who wait, but they feel that the waiting business has been overdone, with the result that the clerks are ready for an immediate vacation. Shop early and avoid the rush is the usual saying, but in this case everyone seems to shop early and at all times. Some of the seed stores

## Asparagus Plumosus Nanus

Extra large, heavy strings 50c each.

W. H. Elliott, Brighton, Mass.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

### Wholesale Flower Markets

| BOSTON, May 10.          |    |          |
|--------------------------|----|----------|
| Roses Beauty, best       | 25 | 00@35 00 |
| " " medium               | 15 | 00@25 00 |
| " " culls                | 2  | 00@2 00  |
| " Bride, Bridesmaid      | 2  | 00@2 50  |
| " " Extra                | 4  | 00@2 50  |
| " Killarney and Richmond | 2  | 00@2 50  |
| " My Maryland            | 2  | 00@2 50  |
| " Carot                  | 2  | 00@2 50  |
| Carnations, select       | 1  | 00@2 00  |
| " fancy                  | 2  | 00@2 00  |
| Callas                   | 8  | 00@12 00 |
| Cattleyas                | 25 | 00@50 00 |
| Gardenias                | 6  | 00@12 00 |
| Lilium Longiflorum       | 8  | 00@10 00 |
| Lily of the Valley       | 2  | 00@2 40  |
| Violets                  | 25 | 00@ 50   |
| Smilax                   | 12 | 00@16 00 |

| MILWAUKEE, May 10.     |            |          |
|------------------------|------------|----------|
| Roses Beauty, per doz. | 75         | 00@30 00 |
| " " Bride              | 4          | 00@2 50  |
| " " Killarney          | 4          | 00@2 50  |
| " " Richmond           | 4          | 00@2 50  |
| " " Kaiserin           | 4          | 00@2 50  |
| Carnations             | 1          | 50@2 40  |
| Dafoedils              |            |          |
| Lilium Gigantum        | 6          | 00@10 00 |
| Lily of the Valley     | 3          | 00@2 40  |
| Mignonette             | per doz.   | 35       |
| Muriello Tulips        |            | 4 00     |
| Snodragons             | per doz.   | 50@ 1 00 |
| Sweet Peas             | 1          | 00@ 1 00 |
| Trumpets               |            | 3 00     |
| Tulips                 |            | 3 00     |
| Adiantum               |            | 1 50     |
| Asparagus              | per string | 50       |
| " Plumosus, per bunch  | 35         | 00       |
| " Sprengerii           |            | 50       |
| Boxwood                | per bunch  | 25       |
| Gerns, Fancy           | per 1000   | 4 00     |
| Galax                  |            | 1 50     |
| Mazocella              | per bunch  | 35       |
| Wild Smilax            | per case   | 5 00     |

were doing a rushing business as early as eight o'clock Saturday morning and the clerks were wishing it was all over.

Some of the prominent florists and others gave a dinner at the Parker House to E. H. Wilson, the plant collector of the Arnold Arboretum, who has just returned from a three years' trip to China. Mr. Wilson leaves for

## Jasmine Buds

We Have Some Fine Stock for This Year

Place your orders early, as the crop is very short this season. Buds will be ready about the 8th.

\$8.50 to \$13.00 per 1000;

\$1.00 to \$1.50 per 100.

500 at 1000 rate.

Cash or C. O. D.

WRITE US, PLEASE.

## Woodward Floral Co.

ALVIN, TEXAS

Mention the American Florist when writing

### TRY MY PRICES.

J. JANSKY, Tel. Main 36521. Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green

and Bronze Galax, 90c per 1000; by the case, \$7.50.

Boxwood, 50-lb. case, \$7.50; by the lb., 25c.

Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch,

\$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50

per doz. Laurel Trimming, 4 and 5c per yard.

Mention the American Florist when writing

## RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

# Kennicott Bros. Co.

Up to and including May 20, we are booking orders for first-class Peonies, pink and white, mixed, for Decoration Day shipment at the guaranteed price of \$5.00 per 100.

Last year and the year before, when Decoration Day came, such goods were selling at from 8 to 10 cents. We don't know what the price will be after May 20 this year, but the chances are the only chance you take is not ordering enough while the guaranteed 5 cent price is open to you.

That's till May 20. Kennicott Bros. Co., 165 N. Wabash Avenue, Chicago.

## New Crop Dagger Ferns, \$2.50 Per 1000

The quality of our ferns are of the usual high standard. They are long and have a better appearance than the old ones.

THE LEO NIESSEN CO.,

Business Hours: 7 a.m. to 8 p.m.  
1209 Arch St.,

Philadelphia, Pa.

### Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA

### THE MUNK FLORAL CO.

Wholesale Growers of CUT  
FLOWERS and Jobbers of  
FLORISTS' SUPPLIES.

Columbus, Ohio

England to visit his family and then returns again to resume his work in the interest of the Arnold Arboretum. All present wished Mr. Wilson a pleasant voyage and also that good health and success may attend him in his venturesome trips. MAC.

#### Pittsburg.

EVERYONE CONTENTED.

There is very little to report in flower circles during the last week or so. The supply of stock is, of course, more than there is any demand for, but at that everyone seems contented. Owing to the weather a little difficulty is experienced in shipping stock—roses open and carnations shut (an open and shut game as one man puts it). Beauties are very plentiful but clean up nicely at reduced prices. Lilies, which have been so very plentiful, are a little shorter and in good demand. Smilax has disappeared almost entirely.

Nick Harris spent several days in Cleveland, O., attending the wedding of Peter Nichols, the Arcade florist of that city.

The new store of Lorch & Hoffmeister makes a bright spot on Smithfield street with their window displays.

S. J. Hatch, De Haven, is shipping in some fine orchids which are finding good sale.

Mrs. B. A. Mick, Wellsville, O., wishes to dispose of her store in that town.

### Wholesale Flower Markets

| PHILADELPHIA, May 10.      |            | Per 100   |
|----------------------------|------------|-----------|
| Roses, Beauty, extra.....  | 20         | 00@25 00  |
| "    first.....            | 10         | 00@15 00  |
| "    Brides and Maids..... | 4          | 00@ 8 00  |
| "    Killarney.....        | 4          | 00@12 00  |
| "    White Killarney.....  | 4          | 00@12 00  |
| Callas.....                | 8          | 00@10 00  |
| Cattleyas.....             | 25         | 00@50 00  |
| Forget-me-nots.....        | 2          | 00@ 4 00  |
| Gardenias.....             | per doz.   | 2 00@4 00 |
| Lilac.....                 | per bunch. | 75@1 00   |
| Lilium Harrisii.....       | 6          | 00@10 00  |
| Lily of the Valley.....    | 3          | 00@ 5 00  |
| Mignonette.....            | 4          | 00@ 6 00  |
| Snagdragons.....           | 4          | 00@12 00  |
| Sweet Peas.....            | 40         | @ 1 00    |
| Adiantum.....              | 1          | 00@ 1 50  |
| Asparagus.....             | per bunch. | 50        |
| Smilax.....                | 15         | 00@20 00  |

| PITTSBURGH, May 10.             |    | Per 100  |
|---------------------------------|----|----------|
| Roses, Beauty, special.....     | 20 | 00@25 00 |
| "    extra.....                 | 10 | 00@15 00 |
| "    No. 1.....                 | 6  | 00@ 8 00 |
| "    Bride Bridesmaid.....      | 2  | 00@ 6 00 |
| "    Chatenay.....              | 2  | 00@ 6 00 |
| "    Killarney.....             | 2  | 00@ 6 00 |
| "    My Maryland.....           | 2  | 00@ 6 00 |
| "    Richmond.....              | 2  | 00@ 6 00 |
| Carnations.....                 | 2  | 00       |
| Cattleyas.....                  | 50 | 00       |
| Lilium Longiflorum.....         | 10 | 00       |
| Lily of the Valley.....         | 4  | 00       |
| Romans.....                     | 2  | 00       |
| Sweet Peas.....                 | 50 | @ 1 00   |
| Violets.....                    | 50 | @ 2 00   |
| Adiantum.....                   | 1  | 00@ 1 00 |
| Asparagus Sprengeri, per bunch. | 35 |          |
| "    strings.....per string.    | 35 |          |
| "    sprays.....per bunch.      | 35 |          |
| Smilax.....                     | 15 | 00       |

W. Q. Potter was missed several days on account of sickness.

Martin Reukauf visited us during the week.

W. S. Kidd, Beaver, was a caller. J.

HUNTINGTON, W. VA.—C. A. Peters has moved into the new Regal Hotel building, 319 Eighth street.

PETERSBURG, VA.—Mrs. Robert B. Stiles has a most successful floral establishment at 636 West Washington street where the greenhouses cover an area of more than 10,000 square feet filled with a fine collection of plants and flowers.

See us about your

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For Decoration Day

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GATE-WAY TO THE SOUTH

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## New York.

## ROSES PLENTIFUL.

With excursions here and there of occasional spurts in prices on different varieties—which changes are not particularly marked—the market remains practically in the same condition as last week. The cut of Killarney roses is still heavy, so that it is only a very small percentage, and then only the longest stems and largest flowers, that sell at quoted prices. Bridesmaids and Brides are doing as well as any of the small roses on an average. American Beauty has the preference and are selling a trifle better than a week ago. During the week last passed carnations reached a new low figure and were difficult to move, particularly in the middle of the week, but toward the end the effect of the cool weather was felt in a decreased cut which aided in clearing up the market, with improved prices Saturday. It would seem that the supply should fall off somewhat after the large crop that has been coming along for the past two months, but, on the other hand, not so many are wanted now for the coming of the outdoor stock. We are having tulips, narcissus, and lilac from favored places further south. Harisii lilies are not so numerous as they have been so that quotations are higher than last week. Gardenias have been very plentiful and very cheap. Violets are about done for and have not figured for the past week. There is no change in cattleyas. Sweet peas are in heavy supply and of fine quality.

## New York Florists' Club.

The regular monthly meeting of the New York Florists' Club was held Monday evening, May 8, with an attendance of 60. Joseph Fisher, Joseph Robinson and Marshall H. Duryea were elected to membership.

The following committees reported. The essay committee announced that Otto Thilow would deliver, in the near future, an illustrated lecture on the Yosemite Valley and that J. K. M. L. Yosemar of Boston would give a talk on Japan. Mr. Totty stated that the New Jersey legislature had appropriated \$20,000 for experimental work in horticulture and a maintenance fund of \$3,000 a year and that Prof. M. A. Blake was instrumental in securing this appropriation. The committees appointed to prepare resolutions on the deaths of John H. Taylor, the father of the Kessler Bros., George Lorenz and the wife of F. W. Brugerhoff, read their reports.

The committees of award granted a cultural certificate to Robert Schultz of Madison, N. J., for a vase of fine Richmond roses. The outing committee announced that the price of the tickets for the annual outing of the club to be for one admitting gentleman and lady \$6, single gentleman's ticket \$4, single ladies' or children's \$2.50.

The business of the evening finished the members were entertained with a most interesting and instructive talk by J. McClintchison, on his trip to South America. Arthur P. Rodington followed with a summary of his observations of the lily industry in Bermuda from which place he has recently returned.

W. B. DuRie read a paper on the influence of school teachers in the development of horticulture. J. A. Shaw also read a paper entitled Insects, by M. C. Ebel who was unable to be present. Mr. Kakuda made some lucid remarks on lily growing in Japan.

## BOWLING NOTES.

The bowling club will play a return match with the Tuxedo Horticultural Society team at Tuxedo, Wednesday, May 10, and will also play with the

Madison Club at Thum's alleys Saturday eve, May 20.

The score last Friday evening was as follows:

|              |     |     |     |
|--------------|-----|-----|-----|
| Irwin        | 148 | 144 | 138 |
| Kakuda       | 155 | 145 | 187 |
| Holt         | 146 | 135 | 129 |
| Scott        | 135 | 138 | 125 |
| Shaw         | 102 | 104 | 104 |
| Nugent       | 88  | 100 | 109 |
| Madda        | 188 | 177 | 168 |
| V. Richards  | 116 | 144 | 134 |
| Al. Richards | —   | 147 | 119 |
| Chadwick     | —   | 141 | 172 |

## Philadelphia.

## SPRING BUSINESS.

Window boxes are now in good demand and the old dead boxwood is giving way to bright colored geraniums and vines, which does much to give the residence streets a bright, cheerful appearance. The demand for this window sill ornamentation does not increase as it should, for the reason that so many are giving up their city houses for a home in the country on the main lines of railways where there are frequent trains. Property in the once fashionable residence districts has depreciated in value considerably the past few years on account of this exodus to the country. This difference in demand is quite noticeable amongst the retail stores, the telephone helps to hold on to much of it, but there is not that personal visit to the store that enables the clever salesman to show his ability. The supply of cut flowers continues a trifle above the demand but there has been nothing approaching a glut, and Saturday night sees a general clean up. The quality of the stock has commenced to show quite a falling off, the warmer weather showing particularly on the roses. American Beauties have shortened up quite a bit with a corresponding increase in prices. Carnations on the approach of Mothers' day are stiffening up and will rise to holiday prices by Saturday. The wholesale price for Mothers' day delivery is \$4, \$6 and \$8, the latter being for the special whites. Orders are coming in stronger than last season and all the wholesalers say there will be a much greater demand than for 1910. The wholesale men have sent out a neat window card 11x14-inches printed in green ink on a white ground with the following inscription "Mothers' Day Second Sunday in May. Wear a flower in honor of your mother, the best mother who ever lived." A large carnation flower cut illuminated the card. About a thousand of these cards were presented by the commission men to their customers for their windows. They also had printed and distributed two thousand cards worded by Miss Jarvis "Mothers' Day Second Sunday in May. In honor of the best mother who ever lived, your mother. Badge—a white carnation. Observance—In loving remembrance of your mother or her memory through kindness, visit, gift or letter. Are you too poor or busy to write home? Remember the unfortunate in hospitals, homes or prisons." These cards were distributed to all the department stores and stores of every character all over the city, and were very conspicuous in calling attention to Mothers' day and the reason for its observance. We believe the memorial feature of this day should be worked up by the trade, so that it will become the custom to decorate or lay some flowers on the graves of the mothers who have passed away. This would be a beautiful tribute to pay to a deceased parent and one that would appeal to many a loving son or daughter.

H. Bayersdorfer and wife are off for their annual tour in Europe in search for the latest things in florists' supplies. They will study the decorative effects of the coronation festivities and are

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doubt something stunning in London effects will be seen here before long.

Ralph Shrigley, of of Ed Reid force, just escaped pneumonia the past week and Stewart Miller, another Reid man, is laid up with la grippe. As the weather gets warmer it behooves the worker to look out for the dangerous ice box, do all the talking outside.

M. Rice and wife have returned from their extensive tour through the European cities and the results of the trip are seen in the new goods which have already commenced to arrive.

Decoration day business promises well judging from the advance sales made by the florists' supply houses, who say they are booking lots of orders for this holiday. K.

## Lenox Horticultural Society.

The monthly meeting of the society was held in the Town Hall, May 6, and was well attended. It is a great pleasure to announce, that Wm. Henry, one of our oldest and most esteemed members, is on a fair way to recovery, after a very severe illness. There was a good discussion upon the effect of frost on all kinds of trees; it has been a very severe winter, and the death rate will be very heavy, instances were given of shrubs having no protection coming through the ordeal little the worse. Other instances, where they had been protected and apparently in good condition on being opened out, had died shortly after. Some members put that down to fall drought. Of course, there were different opinions on the subject. But when doctors disagree, who shall decide?

Our worthy president, George Foulsham, who had spoken in the highest terms of A. H. Wingate at our recent dinner, asked the society to honor him for his past services. It needs a more eloquent pen than mine to do Mr. Wingate full justice. Upon this vote being put to the meeting, Mr. Wingate was unanimously elected a life member of the society. They certainly put him in good company. Two new members were elected and one proposed for membership.

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Florists,  
BUFFALO N. Y.  
Florists' Supplies and Wire Designs.**Wholesale Flower Markets**

| NEW YORK, May 10.                |            |
|----------------------------------|------------|
| Roses, Beauty, special.....      | 10 00@2 00 |
| " extra and fancy.....           | 6 00@2 00  |
| " No. 1 and No. 2.....           | 1 00@2 00  |
| " Bride, special.....            | 3 00@2 00  |
| " extra and fancy.....           | 2 00@2 00  |
| " No. 1 and No. 2.....           | 5 00@2 00  |
| " Killarney, My Maryland.....    | 3 00@2 00  |
| " extra and fancy.....           | 2 00@2 00  |
| " No. 1 and No. 2.....           | 5 00@2 00  |
| " Richmond.....                  | 1 00@2 00  |
| Carnations.....                  | 1 00@2 00  |
| " Callas.....                    | 4 00@2 00  |
| Cattleyas.....each.....          | 35@2 00    |
| Gardenias.....per doz.....       | 50@2 00    |
| Lilium Longiflorum.....          | 2 00@2 00  |
| Lily of the Valley.....          | 1 00@2 00  |
| Narcissus P. White.....          | 1 00@2 00  |
| " Yellow.....                    | 1 00@2 00  |
| Roman Hyacinths.....             | 1 00@2 00  |
| Sweet Peas.....per doz.bchs..... | 35@2 00    |
| Tulips.....                      | 1 00@2 00  |

| BUFFALO, May 10.                       |             |
|----------------------------------------|-------------|
| Roses, Beauty, special.....            | 20 00@25 00 |
| " extra.....                           | 15 00@20 00 |
| " No. 1.....                           | 8 00@10 00  |
| " No. 2.....                           | 2 00@2 00   |
| " Bride, special.....                  | 2 00@2 00   |
| " Killarney, White and Pink.....       | 1 00@2 00   |
| Carnations.....                        | 1 00@2 00   |
| White Carnations for Mother's Day..... | 3 00@2 00   |
| Callas.....                            | 6 00@2 00   |
| Daisies.....                           | 1 00@2 00   |
| Von Sion.....                          | 50@2 00     |
| Lilium Longiflorum.....                | 6 00@2 00   |
| Lily of the Valley.....                | 3 00@2 00   |
| Mignonette.....                        | 2 00@2 00   |
| Sweet Peas.....                        | 40@2 00     |
| Trumpet Major.....                     | 50@2 00     |
| Tulips.....                            | 2 50@2 00   |
| Violets.....                           | 50@2 00     |
| Adiantum Crownatum.....                | 75@2 00     |
| Asparagus per bunch.....               | 35@2 00     |
| Asparagus Sprengeri.....               | 35@2 00     |
| Asparagus Str.....                     | 50@2 00     |
| Ferns.....per 1000.....                | \$3 00      |
| Galax, green and bronze.....           | 1 50        |
| Smilax.....                            | 15 00       |

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# Dreer's High Grade Hardy Perennial Phloxes

These are not dug from the field, but are one-year-old, field-grown plants which were dug early in the season, cut back, potted up into three-inch pots, and are now well established, with a good ball of soil, and will give a wealth of bloom this season.

## STANDARD COLLECTION OF CHOICE HARDY PHLOX

Price for any of the varieties listed below, \$5.00 per 100, \$40.00 per 1000.



HARDY PHLOX. MRS. JENKINS.

**La Mahdi** (Tall.) Deep reddish-violet, with darker eye.  
**Louise Abbeema** (Dwarf.) Very large dwarf, pure white, of fine form.

**Mme. Paul Dutrie** (Tall.) A delicate lilac rose, reminding one of some of the beautiful soft pink Orchids.  
**Mozart** (Tall.) Ground color white, suffused salmon; aniline-red eye.

**Mrs. Jenkins** (Tall.) The best tall early white for massing.

**Obergartner Wittig** (Medium.) Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.

**Pantheon** (Tall.) Bright carmine rose.  
**Prosper Henri** (Dwarf.) Pure white, with large decided eye of rosy magenta.

**Pacha** (Dwarf.) Deep rose pink, suffused with solferino-red and carmine-purple eye.

**R. P. Struthers** (Tall.) Rosy carmine, with claret-red eye, fine.

**Sunshine** (Dwarf.) Large, aniline-red with crimson-red eye and light halo.

**Selma** (Tall.) Large flower, pale rose mauve, with claret-red eye.

**Siebold** (Tall.) Bright vermilion-red, overlaid with orange scarlet; crimson-red eye.

**Albion** (Medium.) One of our own introductions; producing very large panicles of pure white flowers with a faint aniline-red eye.

**Antonin Mercie** (Medium.) Light ground color, upper half of petal deeply suffused bluish blue; large white halo.

**Baccante** (Tall.) Tyrian rose with crimson-carmine eye.

**Benanger** (Dwarf.) Ground color white, delicately suffused with rosy pink, distinct amaranth-red eye.

**Bridesmaid** (Tall.) White, with large crimson-carmine centre.

**Belle Alliance** (Medium.) White, with large pure red eye.

**Clara Benz** (Dwarf.) Lovely carmine rose, with darker eye.

**Colibri** (Tall.) White, with crimson-carmine centre, very late.

**Consul H. Trost** (Medium.) Pure red, with bright French-purple eye.

**Champs Elysees** (Dwarf.) A very bright rosy magenta.

**Caran d'Ache** (Medium.) Geranium-red, with old rose shadings and white eye; very effective.

**De Miribel** (Medium.) White, suffused with bright rosy scarlet, red eye.

**Edmond Rostand** (Medium.) Reddish violet, shading brighter towards the centre, with an exceptionally large white centre.

**Eugene Danzanviller** (Tall.) Lilac, shading white towards the edges; large white centre.

**Edmond Boissier** (Dwarf.) Bright reddish-violet, with large white halo.

**Eclaircur** (Tall.) Brilliant rosy magenta, with large lighter halo.

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**General von Heutz** (Medium.) Scarlet, with rose shadings and crimson-red eye.

**Hermine** (Dwarf.) The dwarfest variety in our collection, never exceeding ten inches in height; pure white flowers of good size, early; unequalled for bordering; a perfect little gem.

**Helena Vaccaresco** (Dwarf.) Very large-flowering dwarf, white.

**H. O. Wilcox** (Tall.) White, with bright crimson-carmine eye.

**Henry Murger** (Tall.) White, crimson-carmine centre.

**Henry Marcel** (Medium.) Pure red, with bright salmon shading.

**Henry Boyer** (Medium.) Tyrian rose, with lighter shadings.

**Jules Cambon** (Medium.) Brilliant reddish-purple, with exceptionally large, pure white centre.

**Jennae d'Arc** (Tall.) A good standard late white.

**Louis Blanc** (Tall.) Reddish-violet, with purple shadings and darker eye.

**La Vague** (Medium.) Pure mauve, with aniline-red eye.

**Sarrabande** (Medium.) Reddish-violet, with lighter shadings.

**Von Goethe** (Tall.) Tyrian rose, suffused with carmine lake and carmine-red eye.

**Von Hochberg** (Tall.) The ideal crimson Phlox.

**Vesuvius** (Medium.) One of our own seedlings; pure red with bright purple eye; a dazzling color.

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Price of the New Varieties:

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**Elizabeth Campbell.** Very bright salmon-pink, with lighter shadings and dark crimson eye, an entirely new and much-wanted shade in Phlox.

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The heavy demand from those who have seen *Nephrolepis Roosevelt* growing on our place and scarcity of stock compels us to advance the price on all orders dated after June first to the following: 2 1-4 inch pots, 50c each; \$4.50 per dozen; \$35.00 per 100; \$300.00 per 1000.

It is our belief the price of *Nephrolepis Roosevelt* for 1911 will be maintained during the season of 1912.

*Nephrolepis Roosevelt* is a sport from *Nephrolepis Bostoniensis*, but a wonderful improvement over the parent variety. The fronds of *Roosevelt* are from a third to one-half wider than *Boston* and beautifully tapered from base to tip. Each pinna is distinctly undulated, giving the whole plant a decided wavy effect, which attracts the eye instantly. *Nephrolepis Roosevelt* will make more young plants, produce a third more fronds, has more graceful drooping habit and finish to a larger and finer plant in small pots than any other fern on the market. Our stock is positively free from that vicious little white scale which is causing fern growers so much trouble.

Orders received to June first will be booked at the following prices: 2 1/4-inch pots, 40c each; \$3.50 per dozen; \$25.00 per 100; \$200.00 per 1000. Twenty-five plants at hundred rate; 250 plants at thousand rate.

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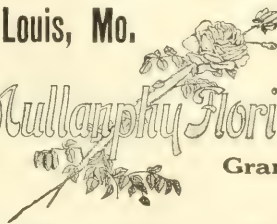
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STEAMSHIP SAILINGS.



FROM NEW YORK EXCEPT AS NOTED.

May 16.

Kaiser Wilhelm II., No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
Noordam, Holl.-Amer., 10 a. m., Hoboken Pier.  
FROM BOSTON, Ivernia, Cunard, East Boston Pier.

May 17.

Campania, Cunard, Piers 54 and 56, North River.  
Adriatic, White Star, 3 a. m., Piers 60 and 61, North River.  
President Lincoln, Ham.-Amer., 11 a. m., Hoboken Pier.  
FROM BALTIMORE, Brandenburg, No. Ger. Lloyd, 2 p. m., Pier 9, Locust Point.

May 18.

Saxonia, Cunard, Piers 54 and 56, North River.  
Prinz Frederick Wilhelm, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
La Touraine, French, 10 a. m., Pier 57, North River.

May 19.

Italy, Anchor, Pier 61, North River.  
FROM MONTREAL, Tunisian, Allen.  
FROM QUEBEC, Empress of Britain, Can. Pac., 3:30 p. m.

May 20.

Germania, Cunard, Piers 54 and 56, North River.  
Arabic, White Star, 11 a. m., Piers 60 and 61, North River.  
Friedrich der Grosse, No. Ger. Lloyd, 11 a. m., Hoboken Pier.  
Lapland, Red Star, 10 a. m., Pier 59, North River.  
St. Louis, Amer., 9:30 a. m., Pier 62, North River.

Columbia, Anchor, 12 noon, Pier 64, North River.  
Venezia, Fabre, 3 p. m., Amity Dock.  
FROM BOSTON, Canopic, White Star, 3 p. m., Charlestown Pier.

FROM PHILADELPHIA, Merlon, Amer., 10 a. m., Pier 54.  
FROM MONTREAL, Albanian, Cunard.  
FROM MONTREAL, Laurentic, White Star-Dom., daylight.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Kansas City, Mo.

**WILLIAM L. ROCK**  
Flower Co.

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

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Albany, N. Y.

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Omaha, Neb.

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Mention the American Florist when writing

Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.



# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

## Young & Nugent

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

## Terre Haute, Ind.

## John G. Heinl & Son,

129 South Seventh St.

Telephone 247.

We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

## Dallas, Texas.

## The Texas Seed and Floral Company

Orders for cut flowers and designs solicited for  
delivery in any part of Texas.

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## L. L. MAY & CO.

Order your flowers for delivery  
in this section from the

## LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

## Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

## YOUNGS

1406 Olive Street,

Regular discount allowed on all orders, either  
Plants or Cut Flowers.

Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

## JACOB SCHULZ,

550 So. Fourth Avenue.

## Boston, Mass.



## "Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

## J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET.

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## The Park Floral Co.

1643 Broadway

J. A. VALENTINE, President.

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## Robert Kift,

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Personal Attention to all Orders.

## Dayton, O.

## Matthews,

—FLORISTS—

16 W. 3rd Street.

Flowers in any arrangement for all occasions.  
for Dayton and vicinity. Long dis. Phones.

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Euclid Avenue

We Cover All Points in Ohio.



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## Geny Bros. LEADING FLORISTS

Fifth Ave. No.

NASHVILLE, TENN

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Established 1844

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FLORAL DECORATORS

2139-2141 Broadway

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## San Francisco.

## Podesta & Baldocch

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Grant Avenue, San Francisco, Calif.

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Flowers for Every Occasion on the Shortest Notice

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WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS.

158 EAST 110TH STREET:

Bet. 3rd and Lexington Aves. Tel. 5633 Harlem.

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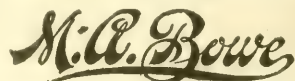
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## JULIUS BAER,

138-140 E. Fourth St

Long Distance Phone.

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IN THE HEART OF NEW YORK CITY

Phone 6404 Madison Sq. 12 West 33d St.

Our Motto—THE GOLDEN RULE.

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Orders will be carefully  
cared for by

## HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

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## Poughkeepsie, N. Y.

## "The Saltford Flower Shop"

Vassar College and Bennett School.

## Rockford, Ill.

## H.W. Buckbee

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## Grand Rapids, Mich.

## GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS. Will fill your  
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON  
D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

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**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

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Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

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FLORISTS.

Phones: Home 1388. Cumb. Main 1388 A.  
..... 634 Fourth Avenue.

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Established 1874.

**DARDS**

N. E. Corner 44th St.  
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn, the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lopes.  
Chicago—Canger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Wirthbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Main St.  
Kansas City—M. S. Kellogg F. & P. Co.  
Kansas City—Wm. L. Rock Flower Co.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
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Nashville, Tenn.—Geny Bros.  
New York—M. A. Bowe.  
New York—D. Clark's Sons, 2139 Broadway.  
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New York—Myer Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1133 Broadway.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
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Terre Haute, Ind.—J. G. Heini & Son.  
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Washington—Cude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

**Alexander McConnell,**

571 Fifth Ave., Windsor Arcade.  
**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
Western Union Code.

Mention the American Florist when writing

Chicago.

**CANGER & GORMLEY,**

187 N. State St.

HIGH GRADE OF FLOWERS

Phones: Central 5196 All orders are very  
2190 carefully executed.

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

FLORIST

Phone 2416 Main 14th & Eye Sts., N. W.  
Write, Telegraph or Telephone

Los Angeles, Calif.

**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

EARLY potatoes appear to be cleaned up.

TUBEROSES and the best kinds of gladioli are about sold out.

CANNERS are just waking up to the fact that Stowell's Evergreen corn is scarce.

NORTHERN grown seed corn is turning out very disappointing, low germination everywhere.

PHILADELPHIA, PA.—While business is good here, seedsmen say it is not up to last year's record.

ENGLAND is reported to have placed advance orders for Dutch bulbs more freely than usual this spring.

JESSE E. NORTIUP and daughter, of Minneapolis, Minn., are now at the Hotel Traymore, Atlantic City, N. J.

FREDERICKTOWN, N. J.—Geo. R. Pedrick and wife, who have been in Miami, Fla., since early December, returned last week.

A CALIFORNIA report of May 2 says, "Crops very backward and likely to be only light. There is quite an acreage of radish but plants are small yet."

FRED B. KING, of the Mandeville & King Co., Rochester, N. Y., and Miss Elizabeth Reinick, also of Rochester, were married April 19 and made a honeymoon trip to Chicago, returning May 8.

VAUGHAN'S SEED STORE, Chicago and New York, is offering a modest consignment of South African grown Lilium Harrisii bulbs which arrived in fine shape, each bulb very firm and of healthy color.

CHICAGO.—Prices on the board of trade May 10, for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds. White Clover, from \$22 to \$30.—Texas onions are selling very well. The crop is much shorter than last year, the yield being about 60 per cent.—H. Woods & Co., South Water street, who have been handling most of the western melon crop, have failed.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

## Hyacinth Decision Reversed.

The United States Court of Customs Appeals has reversed the decision of the board of general appraisers and sustained the protest of Jos. Breck & Sons, Inc., Boston, Mass., against the payment of an import duty of \$2.50 per thousand on hyacinth bulbs, the proper duty being 50 cents per thousand. This protest was a test case.

## Holland Bulb Crops.

Sassenheim, April 22.—Hyacinths have suffered less than was expected from the severe frost of some time ago, which continued five nights in succession, the varieties with tender leaves suffering most. The damage to tulips is greater, especially the early varieties and those that make large broad leaves, such as Keizerskroon, Proserpine, Couronne d'Or, etc. The weather since the frost has been in our favor, however, cool and cloudy, and if warm weather does not set in within two weeks the affected plants will recover to a large extent. Under present circumstances the outlook for the hyacinth crop is fair; tulips in some varieties fair, but mostly uncertain; and narcissi good.

The green auction sales started this week and there is evidently a strong tendency to buy hyacinths, which find ready sale at high prices. Some varieties of tulips, such as Couleur Cardinal, Mon Tresor, Proserpine, Prince of Austria, Cramoise Brillant, Rose Luisante, Vermillion Brillant, Couronne d'Or, Murillo, Salvator Rose and Tournesol are much called for all over Europe, and certainly will go up in price, also Narcissi Golden Spur, Bicolor Victoria, Incomparabilis Sir Watkin and especially Double Von Sion, the stocks of Von Sion being very limited.

## Marblehead.

### THE CONVENTION TOWN THIS YEAR.

The old town of Marblehead, first settled about 1629 by people from Lincolnshire, England, is situated on the famous north shore of Massachusetts. It has one of the finest and most interesting harbors on the Atlantic coast. Its deep waters and bold rocky coast lined with a city of beautiful summer homes on one side and the old colonial port on the other form a vivid contrasting picture of the old and the new. Marblehead has many evidences of former wealth of the time when ships of every clime crowded its docks. The old town with its ancient

churches, hip-roofed mansions with brass knockers of old still on the door, the little old-fashioned flower garden marking its borders with evergreen boxwood, and the winding, twisting streets, with its antique and historical landmarks in a good state of preservation secure for it the title of curiosity shop of New England.

The war of 1812 destroyed the commerce of this grand old town and it never regained its prestige. Instead of ships of commerce there are luxuriously appointed pleasure steamers riding at anchor and phantom like yachts sailing over the deep blue sea. St. Michael's church, built in 1714—the frame and all the material for this church was brought from England. The ancient chandelier, "the gift of John Elbridge, Esq., of ye city of Bristol, 1732," hangs where originally placed. The Rev. David Massom, who was rector in 1718, afterward moved to Virginia and officiated at the marriage of the Widow Custis and George Washington. When the news of the Declaration of Independence was received the bell was rung till it cracked, and in the excitement the coat of arms of King George was pulled from its place above the chancel.

The old Colonel Lee mansion built in 1768 by Colonel Jeremiah Lee at a cost of ten thousand pounds (they print it lbs. in Marblehead) with its grand vestibule and stairway. The paper made in England for the walls, still excites the admiration of the visitor. It was here that Washington greeted his countrymen in 1781 and Lafayette visited in 1784. President Monroe honored the town with a visit and Andrew Jackson greeted the sturdy old fishermen. Nearby is the birthplace of Elbridge Gerry, signer of the Declaration of Independence, governor of Massachusetts, and vice-president of the United States. The old King Hooper House, now the Y. M. C. A., the home of Whittier's early love and the house of "Flud Olsson," made famous in song by Whittier, can be easily found, and, with many others in this interesting old town, recall the stirring colonial times.

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

George R. Pedrick & Son,  
PEDRICKTOWN, N. J.

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

## J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns



## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

**Tell Them Where You Saw the Advertisement.**



# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

**CHAS. H. TOTTY,**

**MADISON, N. J.**

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of **Peas, Beans** and famous **Sweet Corn**. Introducers of the **White Mexican Sweet Corn**.

Mention the American Florist when writing

GRT QUOTATIONS FROM

**LANDRETH**

SEEDS which SUCCEED

Bloomdale Farm.

**Bristol, Pa.**

Mention the American Florist when writing

## Henry Fish Seed Co.

Bean Growers

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

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ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York

Telephone 4235 Gramercy.

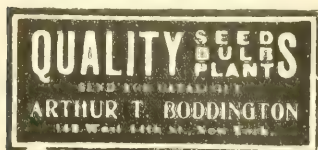
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## Turnip Seeds For Present Delivery.

We can offer: Early Purple-top Strap-leaved. Early Purple-top Globe Green-top and Purple-top Yellow Aberdeen. Amber Globe. Sweet German. Purple-top Mammoth. Lines Red Globe. Grey-stone. Imperial Green Globe. Red Milan and American Purple-top Rutabaga. Ask for prices.

W. W. JOHNSON & SON, Ltd., Boston, ENGLAND

Mention the American Florist when writing



## CANNAS.

B. Beauty, \$2 50; David Harum, \$2 00; Marlborough, Austria, America, Italia, Egandale, Pennsylvania, \$1 50 per 100.

## Hydrangea P. G.

|                              | Per 100 |
|------------------------------|---------|
| 18 to 24 inches              | \$5 00  |
| 2 to 3 feet                  | 6 00    |
| 3 feet                       | 7 00    |
| Tree shaped, 3 to 3 1/2 feet | 8 00    |
| 3 to 4 feet                  | 10 00   |

**J. H. Dann & Son.,** Westfield, N. Y.

## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

**Lager & Hurrell, Summit, N. J.**

## ORCHIDS

We are one of the largest collectors and importers of Orchids. Investigate us.

**CARILLO & BALDWIN, Mamaroneck, N. Y.**

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

**SANDER, St. Albans, Eng.**  
NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.

**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2 1/2 inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.  
**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.

**Roses** See priced adv. page 697, April 22.

**THE LEEDLE FLORAL COMPANY**  
SPRINGFIELD-OHIO

## Summer-Flowering

## BULBS

### GLADIOLUS

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Mrs. Francis King, 2nd size | \$2 00  | \$18 00  |
| Write for samples           |         |          |
| Mme. Moneret                | 2 25    | 20 00    |

### TUBEROUS BEGONIAS

|                          | Per 100 |
|--------------------------|---------|
| Single { Scarlet         | \$2 50  |
| { White                  | 2 50    |
| { Pink                   | 2 50    |
| { Yellow                 | 2 50    |
| Doubles, colors as above | 4 50    |

### LILY BULBS

|                             | Per 100 |
|-----------------------------|---------|
| Lil. Auratum                | \$8 00  |
| 9 to 11 inches, 120 to case |         |

|                             | Per 100 |
|-----------------------------|---------|
| Lil. Rubrum                 | 8 00    |
| 9 to 11 inches, 120 to case |         |

|                             | Per 100 |
|-----------------------------|---------|
| Lil. Album                  | \$7 50  |
| 8 to 9 inches, 160 to case  |         |
| 9 to 11 inches, 120 to case | 10 00   |

### LILY OF THE VALLEY

|        | Per 100 |
|--------|---------|
| Clumps | \$20 00 |

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK

Mention the American Florist when writing

## WATER LILIES

Plant now the hardy varieties: also Hardy Tea Roses, Hardy Perennials, Phlox Miss Lingard, fine stock. 75c per doz.; \$6.00 per 100. Clumps, \$2.00 and \$3.00 per doz.; \$15.00 and \$20.00 per 100. Papaver Orientals, choice named varieties, \$8.00 and \$10.00 per 100.

**William Tricker, Water Lily Arlington, N. J.**  
Specialist.

Mention the American Florist when writing

## GLADIOLUS

Cinnamon Vines, Madeira Vines, Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

**E. S. MILLER, Wading River, N. Y.**  
Mention the American Florist when writing

# SMITH'S CHRYSANTHEMUMS

## Weekly Bulletin.

Prime stock ready for immediate delivery. Price except where otherwise quoted \$3.00 per 100; \$25.00 per 1000. Not less than 25 of a kind at hundred and 250 at thousand rate.

### WHITE.

Smith's Advance, 50c each; \$4.00 per 10; \$35.00 per 100. Polly Rose, Oct. Frost, Ivory, Indiana, \$4.00-\$35.00. Mrs. H. Robinson, Pres. Taft, Mlle Margaret Desjouis, Mrs. Wm. Arnold, (Lynnwood Hall, \$4-\$35.00, W. H. Chadwick, \$4.00-\$35.00). (White Helen Frick, \$5.00-\$45.00). (Thanksgiving Queen, 50c each, \$4.00 per ten, \$35.00 per 100), Jeanne Nonin, (Dec. Gem, 50c each, \$4.00 per ten, \$35.00 per 100).

### YELLOW.

Golden Glow, (Yellow October Frost, \$4.00-\$35.00). Comoleta, (Yellow Ivory, \$4.00-\$35.00), (Donatello, \$5.00-\$45.00), Col. D. Appleton, Major Bonafon, (Dolly Dimple, \$4.00-\$35.00), (Roman Gold, 50c each, \$4.00 per ten, \$35.00 per 100), (Golden Chadwick, \$5.00-\$45.00), Yellow Mrs. Jones, (Nagoya, \$4.00-\$35.00).

### PINK.

Unaka, 50c each, \$4.00 per ten, \$35.00 per 100. Glory of Pacific, Pacific Supreme, Gloria, Pink Ivory, Mrs. Wm. Wincott, (Patty, \$4.00-\$35.00), Minnie Bailey, Maud Dean, Helen Frick.

### ANEMONES.

White—Garza, Mrs. August Knab. Yellow—Gertude Wilson, Lida Thomas. Pink—Ada Sweet, Catherine Simmons, Vayenne,

### POMPONS.

White—Diana, Lula. Yellow—Baby, Iva, Klondike, Skibo. Pink—Alma. Bronze—Clorinda. Singles. White—Lady Lu. Yellow—Little Barbee. Pink—Catherine Livingston, Itaska, Lillie Godfrey, Alice Bronson Houston, Mrs. J. A. Peterson, Red—Bishop Henningshaus, Minnesota. Bronze—Arlee, Peter Pan.

This bulletin will be changed each week to comply with stock on hand.

Rooted cuttings will be furnished at 50c per hundred, \$5.00 per thousand less than prices quoted above.

**ELMER D. SMITH & CO.**  
ADRIAN, MICH.

# A. N. PIERSON

INCORPORATED

Cromwell, Conn.

## Now is the Time to Plant ROSES

### Has Your Order of Rose Stock Been Placed?

If not, it should be at once; and we are in the market to supply it. Remember that we are headquarters for Grafted Roses, and are especially strong on Standard Commercial Varieties.

We are ready to supply in quantity  
as well as quality:

## Killarney, White Killarney, Richmond, My Maryland, Bride and Bridesmaid.

These varieties from 2¼-in. pots.

**\$15.00 per 100, \$120.00 per 1000.**

Special price on 5,000 or more plants.

The Newer Roses we have called to your attention before. We hope you saw them at The National Flower Show:

## Double Pink Killarney, Prince de Bulgarie, Mrs. Aaron Ward, Dark Pink Killarney and Radiance.

Let us know your wants



## Market Gardeners

### Vegetable Growers' Association of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, May 6.—Mushrooms, 50 cents per pound; cucumbers, 50 to 75 cents per doz; tomatoes, 10 to 20 cents per pound; grapes, \$2 per pound; lettuce, \$1.80 per doz, heads; cauliflower, 40 cents each.

Chicago, May 8.—Mushrooms, 20 cents per pound; cucumbers, \$1.50 to \$1.75 for two dozen; lettuce, 20 cents to 22½ cents per pound; radishes, 40 cents to 50 cents per dozen bunches.

### Notes on Fertilizers.

Realizing the great importance of proper fertilization, we are constantly experimenting with various combinations. In the last instance, the crop is the only judge, as all theory and analyzing is of little avail, as conditions are local and ever changing. One of our specialties is head lettuce, and we have demonstrated that a fertilizer formula that produces excellent crops of leaf lettuce and spinach means ruination to head lettuce; and vice versa, our head lettuce formula will make such varieties of leaf lettuce as Black Simpson head as hard as a cabbage. The controlling factor in these results are the elements of nitrogen and phosphoric acid, potash remaining the same. To get leaf growth on leaf crops we omit phosphates entirely; to produce hard heads of heading crops we increase the phosphatic elements to the utmost and decrease the nitrogenous elements to lowest possible point. This same rule applies to production of fruit. A leaf-formula is a poor fruit formula and a good fruit formula is again a poor leaf grower. When plenty of manure is used, the addition of potash and phosphates is needed for either hard heading or full fruiting. Our own experiments show that nitrate of soda should never be used alone; we get excellent results by combining it with potash. Growers should study and experiment to master their situation.

MARKETMAN.

### Overcoming Unseasonable Weather.

We are having a great deal of cloudy weather and frequent showers with the temperature well up. The grower of tomatoes or cucumbers can make no greater mistake than to let the fires go out for the sake of economy. Either of these crops must have a dry, bracing air to induce pollen formation, the tomato especially. A little fire heat will do wonders to correct bad effects of rainy spells. It is generally the early fruit that brings the best prices, hence no time should be lost this month. It is the harmony of all elements that tends to big results. We may lose right now what we have carefully built up the preceding months.

With us the season is way late and each week over one-half the time is lost on account of rain. Thus we see some of our carefully laid plans impossible of

execution. There is no greater mistake in gardening than to attempt wet work; generally it is better left undone. We are therefore often compelled to plant crops we had not intended to plant, and abandon subjects we very much figured on. At this time we wish to remind growers of the great help obtainable by potting or sowing in soil such objects as lima beans, cucumbers and melons, provided hot beds are on hand or greenhouse space. We can thus employ our help in rainy weather and later on make excellent use of plants and unplanted land. Sod land, or heavy growths of weeds may be plowed in wet weather without injury. So may soils excessively sandy or full of humus, but anything of a loamy or clayey nature had better be left alone until crumbly.

MARKETMAN.

AUBURN, IND.—Ten Eyck & Sons will rebuild the older sections of their greenhouse plant in a similar manner to the new house constructed last year.

DAVENPORT, IA.—The J. W. Davis Co. has filed articles of incorporation for the purpose of growing vegetables, plants and flowers and engage in a general hothouse business. The capital is \$40,000, the officers being J. W. Davis, president and treasurer; Mary E. Davis, vice president, and Albert Ankeny, secretary.

### VEGETABLE PLANTS.

Cabbage, Wakefield. All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.

Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1.00 per 1000; 10,000 and over 85c per 1000.

Celery, White Plume, \$1.00 per 1000.  
Beet, Crosby, Egyptian and Eclipse, \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

## Every Seedsman

Interested in CABBAGE, CAULIFLOWER, or ROOT SEEDS of high grade quality, should ask my contract prices before placing his order. Tell me which sorts you use and I will send you my prices and conditions.

Largest Seed Grower  
in Scandinavia.  
(Established 1850.)

L. DAHNFELDT, Odense, Denmark

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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Sweden, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtium, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, the strongest growth, finest stock and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

## WILDPRET BROS.

LARGE GROWERS AND EXPORTERS OF

## BERMUDA ONION SEEDS

Highest Germination, Moderate Prices, Early Delivery

Let us book your order at once to secure a full supply.

Port Orotava, Teneriffe, Canary Islands

SHAMOKIN, PA.—The Northumberland Horticultural Society was organized March 23, with the following officers: C. N. March, president; Harold Nesbit, secretary.

HOLLIDAYSBURG, PA.—Allen S. Meyers has sued the Pennsylvania Railroad for \$43,000 damages. He kept a daily record of the number of times the locomotives stopped in front of his greenhouse and fixed the number at 20,500 times. He has entered a trespass suit claiming that the plants and flowers were damaged by soot and smoke.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spaw

Substitution of cheaper grades is easily exposed. Fresh sample pack, with illustrated book, mailed at cost by manufacturers upon receipt of 40 cents in postage. Address

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Mention the American Florist when writing

## Success In Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

AMERICAN FLORIST CO.,  
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We have a **LARGE STOCK** of the following  
**Ready for Immediate Shipment:**

|                                                                                                                                                                      | Each            |                                             | Each            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------|-----------------|
| Achyranthes, 3-inch.....                                                                                                                                             | \$ 04           | Mme. Sallerol, 3-inch.....                  | \$ 05           |
| Ageratum, 4-inch.....                                                                                                                                                | 08              | Ivy Geraniums, 3-inch.....                  | 04              |
| Alternantheras, red and yellow, 2-inch.....                                                                                                                          | 02              | Ivy Geraniums, 4-inch.....                  | 08              |
| Begonia Vernon, 2-inch.....                                                                                                                                          | 02              | Rose Geraniums, 4-inch.....                 | 10              |
| Caladium Esculentum, 5-inch.....                                                                                                                                     | 15              | Lobelia, (Dwarf), 2-inch.....               | 2½              |
| Caladium Esculentum, 4-inch.....                                                                                                                                     | 10              | Lobelia, (Tall), 2-inch.....                | 2½              |
| CANNAS, Allemania, Austria, Chicago, Egandale,<br>David Harum, Henderson, Patry, Shenandoah,<br>Souvenir d' Antoine Crozy, Florence<br>Vaughan, Wyoming, 4-inch..... | 08              | Marguerites, (White), 4-inch.....           | \$ 08 and 10    |
| Castor Beans, 4-inch.....                                                                                                                                            | 08              | Marguerites, (Yellow), 4-inch.....          | 12              |
| Celosia, 3-inch.....                                                                                                                                                 | 04              | Nasturtiums, 3-In.....                      | 05              |
| COBEAS, 4-inch.....                                                                                                                                                  | 10              | Petunia (single), 3-inch.....               | 04              |
| Coleus Pfister (Yellow), 3-inch.....                                                                                                                                 | 04              | Petunia, 4-inch.....                        | 08              |
| Coleus Pfister (Red), 3-inch.....                                                                                                                                    | 04              | SALVIA, 4-inch.....                         | 08              |
| Coleus Verschaffeltii, 3-inch.....                                                                                                                                   | 04              | SALVIA, 3-inch.....                         | 06              |
| Coleus Golden Bedder, 3-inch.....                                                                                                                                    | 04              | Sweet Alyssum, 2-inch.....                  | 2½              |
| Daisy (Bellis Perennis).....                                                                                                                                         | 02              | Stocks, 4-inch.....                         | 08              |
| Fuchsia, 4-inch.....                                                                                                                                                 | 08              | Thunbergia Vines, 3-inch.....               | 04              |
| GERANIUMS, 4-inch.....                                                                                                                                               | 08              | Verbena, 3-inch.....                        | 04              |
| Extra strong.....                                                                                                                                                    | \$10 00 per 100 | Vincas, variegated, fine stock, 4-inch..... | \$2 00 per doz. |
| Mme. Sallerol, 2-inch.....                                                                                                                                           | 03              | Extra strong.....                           | 2 50 per doz.   |
|                                                                                                                                                                      |                 | Grave Myrtle, (Vinca Minor), 2-inch.....    | 2½              |
|                                                                                                                                                                      |                 | Grave Myrtle, (Vinca Minor), 3-inch.....    | 04              |
|                                                                                                                                                                      |                 | Zinnia, 3-inch.....                         | 04              |

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739 Buckingham Place,  
**CHICAGO.**

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown  
in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show November, 1909.

It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper and the cuttings root easy.

Price: Per 100 \$12.00; per 1000 \$100.00; per 5000 \$400.00. 25 at 1000 rates. Place your order now to be in on early deliveries.

Nic. Zweifel, North Milwaukee, Wisconsin

Mention the American Florist when writing

## ROSES

### A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA.

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### SUPERB STRAIN PANSIES Now Ready

500,000 fine fall transplanted pansies, in bud and bloom, \$1.25 per 100; \$10.00 per 1000. Cash with order. A trial order will convince you that these are the best you ever had. You need them for your particular trade.

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## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2¼-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateaux, Golden Gate,

2¼-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2¼-inch pots.

Send for circular.

**J. L. DILLON, Bloomsburg, Pa.**

## Geo. A. Kuhl

WHOLESALE AND RETAIL  
FLORIST,

PEKIN, ILL.

## SPIREAS

Fine Forcing Clumps

Gladstone.....\$9 00 per 100

VAUGHAN'S SEED STORE  
CHICAGO NEW YORK

## ROSES

|                                                                | 2½-in.  | 1000    |
|----------------------------------------------------------------|---------|---------|
| Pink Killarney.....                                            | \$6 00  | \$55 00 |
| White Killarney.....                                           | 6 00    | 55 00   |
| Maryland.....                                                  | 5 50    | 50 00   |
| Richmond.....                                                  | 5 00    | 45 00   |
| Perles, Ready April 1.....                                     | 5 50    | 50 00   |
| Richmond, Now ready                                            |         |         |
| 3½-inch.....                                                   | 8 00    | 65 00   |
| Cut back benching Pink Killarney, per 1000; good strong stock. | \$60.00 |         |

POEHLMANN BROS. CO.,  
Morton Grove, Ill.

## Start Your Season's Business Right

by advertising now in this journal. Don't delay. The best orders are placed  
early with advertisers in the  
**AMERICAN FLORIST.**



## The Nursery Trade

**American Association of Nurserymen**  
 W. P. Stark, Louisiana, Mo., President;  
 E. S. Welch, Sheboygan, Wis., Vice Presi-  
 dent; John Hall, Rochester, N. Y., Sec'y.  
 Thirty-sixth annual convention to be held  
 at St. Louis, Mo., June 14-16, 1911.

CHICAGO.—The best selling apples on South Water street are Northern Spy, which bring \$12 per barrel against \$7.50 for Baldwins and \$8.50 for Newtown Pippins.—Visitors: P. M. Koster, representing Koster & Co., Boskoop, Holland; Alois S. Dreyer, Woodstock, Ill., representing L. Gaarkuiken, Hazerswoude, Holland.

THE Department of Agriculture has issued a statement as to how a new crop of timber on logged-off land in the Pacific northwest can be started and what conditions are favorable, the rate of growth and yield and the probable cost. Provisions must be made for seed trees of Douglas fir to seed the area, the slashings should be immediately burned to prepare a seed bed, and the cut over area protected from fire. The crop will be financially profitable to private owners.

### American Association of Nurserymen.

#### THIRTY-SIXTH ANNUAL CONVENTION.

The nurserymen are already looking forward to the annual meeting of the fraternity next month in St. Louis, Mo. The convention of the American Association of Nurserymen is a great combination of business and pleasure. The quality and variety of the papers and discussions on last year's program and the important business transacted and published in the annual report of the association should commend itself to every thoughtful man familiar with the great nursery industry of this country. There is every promise of a large turnout of nurserymen with their ladies at the forthcoming convention June 14-16. The famous Southern Hotel has been selected as headquarters. Morning sessions will be the order of each day, and these will be filled with papers and discussions, and the items are so attractive that members will not be inclined to miss any single one. The afternoons will be occupied by social func-

tions under the direction of the entertainment committee, whose program is a superb one. In the notices already sent to members by the secretary a full statement appears regarding hotel rates. Members can be accommodated with rooms from \$1.00 and up on the European plan, and from \$3.00 and up on the American plan.

Any man engaged in the nursery business and not yet a member of this association does not know what he is missing. He is, however, sharing in the benefits derived from membership free of cost. There is yet time to enroll and get into the badge book, and we advise immediate communication with John Hall, secretary, 204 Granite Building, Rochester, N. Y., who is preparing the book for publication.

## LARGE TREES

OAKS and MAPLES  
 Pines and Hemlocks

### ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
 Chestnut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
 BLOOMINGTON, ILLINOIS

Send list of wants for prices

Wholesale catalogue for Spring 1911 now ready.

Mention the American Florist when writing

## Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spireas, Vayleys.

Price List Free on Demand.

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## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.

P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 90c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W 16th Street,  
 Davenport, Iowa

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## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to

5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
 MORRISVILLE, PA.

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## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus our selection of kinds for \$40.00. Cash.

Canna Roots, Strong division, at \$2.00 per 100; \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

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# New Gold Medal Roses

For 1911 and '12

Write for descriptive catalogue, free on application, to

## HUGH DICKSON

Royal Nurseries,

BELFAST, IRELAND

## The Sensational New Cut Flower

# Dahlia Dorothy Peacock

Representing the highest development in Dahlias. Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England. Beautiful Pure Pink, long stems, hardy free bloomer, full to the center. Send for catalogue.

**Peacock Dahlia Farms,** P. O. Berlin, N. J.,  
 Williamstown Junc. N. J.

# W. Van Kleeef & Sons,

## Wholesale Growers of Nursery Stock

### Boskoop, Holland.

Begin to announce that their Mr. W. Van Kleeef, Jr., is again in America calling on the trade. Please ask our prices before placing your esteemed Import Orders elsewhere; they will certainly interest you.

Address all Correspondence until June 1st  
Care MALTUS & WARE, 14 Stone Street, NEW YORK  
CATALOGUES FREE FOR THE ASKING.

## BUY NOW

### Extra Fine Stock

#### AMPELOPSIS VEITCHII

|                        | Each   | Doz.   | 100     |
|------------------------|--------|--------|---------|
| 2-year-old plants..... | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants..... | 20     | 2 00   | 15 00   |

#### AMPELOPSIS ENGELMANNI

|                        | Each   | Doz.   | 100     |
|------------------------|--------|--------|---------|
| 3-year-old plants..... | \$0 25 | \$2 40 | \$15 00 |
| 4-year-old plants..... | 30     | 3 00   | 20 00   |

#### CLEMATIS—Large Flowering

|                      |                       |                 |
|----------------------|-----------------------|-----------------|
| 2-yr. each.....      | \$0 30; doz., \$3 00; | per 100 \$20 00 |
| 3-yr. each.....      | 40; doz., \$3 60;     | per 100, 28 00  |
| Beauty of Worcester. | Miss Bateman          |                 |
| Gypsy Queen.         | Nellie Moser.         |                 |
| Henry.               | Sieboldi              |                 |
| Jackmanni            | Wille de Lyon.        |                 |
| Mme. Baron Veillard. |                       |                 |

#### CLEMATIS PANICULATA

|                                | Each   | Doz.   | 100   |
|--------------------------------|--------|--------|-------|
| Seedlings from flats.....      | \$0 50 | \$5 25 |       |
| 1-yr. old from 2-in. pots..... | 60     | 4 00   |       |
| 2-yr. old clumps.....          | \$0 15 | 1 50   | 10 00 |
| 3-yr. old clumps.....          | 20     | 2 00   | 15 00 |
| 4-yr. old clumps.....          | 35     | 3 60   | 25 00 |

#### ROSES—Field-Grown Stock

Each, 20c; dozen, \$1.75; per 100, \$14.00

|                                             |                       |  |
|---------------------------------------------|-----------------------|--|
| Crimson Baby Rambler.                       | John Hopper.          |  |
| Fisher Holmes                               | Magna Charta.         |  |
| General Jack.                               | Ulrich Brunner.       |  |
| Each, 25c; dozen, \$2.00; per 100, \$15.00. |                       |  |
| American Beauty.                            | Paul Neyron.          |  |
| Crimson Rambler.                            | Philadelphia Rambler. |  |
| Dorothy Perkins.                            | Rugosa Alba.          |  |
| Frau K. Druschki.                           | Rugosa Rubra.         |  |
| La France.                                  |                       |  |

|                         | Each   | Doz.   | Per 100 |
|-------------------------|--------|--------|---------|
| American Pillar.....    | \$0 35 | \$3 50 |         |
| Baby Rambler, 2-yr..... | 2 00   | 14 00  |         |
| " " 3-yr.....           | 2 50   | 16 00  |         |
| Blue Rambler.....       | 35     | 3 50   | 27 50   |
| Climbing Baby Rambler   | 75     | 8 00   |         |
| Crimson Rambler, 2 yr.  | 2 00   | 15 00  |         |
| Dorothy Perkins.....    | 25     | 2 00   | 15 00   |
| Blawatha.....           |        | 3 00   | 20 00   |
| Jessie.....             | 50     | 5 50   | 40 00   |
| Kaiserin Aug. Victoria. |        | 2 50   | 18 00   |
| Killarney.....          |        | 2 50   | 18 00   |
| Lady Gay.....           | 25     | 2 50   | 20 00   |
| Phyllis.....            | 35     | 3 00   | 22 00   |
| Tausendschon.....       | 35     | 3 00   | 20 00   |
| Veilchenblau.....       | 35     | 3 50   | 27 50   |

Unless noted, all the above varieties are 2-year dormant stock, budded.  
On all orders for Dormant Roses and Vines, packing will be charged at cost.  
Ask for Our Spring Book for Florists

## Vaughan's Seed Store

31 W. Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK.  
Greenhouses, Nurseries and Trial Grounds:  
Western Springs, Ill.

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## ROSES

FOR NURSERIES PLANTING. From 2½-inch pots. After providing for our own requirements we find we have these Roses in surplus: they are exactly the same grade and quality that we plant ourselves.

### NOVELTIES

|                                                                                                                                                                                                           | Per '00 | Per 1000 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| 4,000 VEILCHENBLAU. The famous Blue Rambler.....                                                                                                                                                          | \$6 00  | \$50 00  |
| 6,000 WHITE DOROTHY PERKINS. As indicated by the name a pure white form of our well-known Dorothy Perkins. The only really good White Rambler with all the good points of the older variety retained..... | 6 00    | 50 00    |
| 1,500 GOLFCHIN. A new Yellow Rambler from Paul & Son.....                                                                                                                                                 | 5 00    | 40 00    |
| 1,000 MISS MESSMAN. Climbing Baby Rambler. One of last season's new roses: is apparently everything the name indicates: a climber with the bloom and blooming habit of Baby Rambler.....                  | 20 00   |          |
| 800 MRS FLIGHT. One of the new Pink Ramblers. Large flowers, more on the order of Tausendschon.....                                                                                                       | 6 00    |          |
| 5,000 FLOWER OF FAIRFIELD. The everblooming Crimson Rambler. Already too well known to require description beyond that of the name itself.....                                                            | 10 00   | 85 00    |
| 2,500 ALBERIC BARBIER. Barbier's best Yellow Hybrid Wichuriana: good grower ample foliage, blooms of good size and substance and yellow.....                                                              | 6 00    | 50 00    |
| 600 JESSIE. Merryweather's new Baby Rambler: bright lively red, like a violet crimson, never showing the bluish tinge that the Baby Rambler shows with age, 10 00                                         |         |          |

### Ramblers and Climbers

|                                                                                                                   | Per 100 | 1 0   |
|-------------------------------------------------------------------------------------------------------------------|---------|-------|
| 1,500 LADY GAY. Walsh's pink seedling from Crimson Rambler.....                                                   | \$25 00 |       |
| 4,000 CRIMSON RAMBLER.....                                                                                        | 3 00    | 25 00 |
| 1,000 HELENE. Violet-rose.....                                                                                    | 3 00    | 25 00 |
| 500 WHITE RAMBLER.....                                                                                            | 2 75    |       |
| 2,000 YELLOW RAMBLER.....                                                                                         | 3 00    | 25 00 |
| 1,000 PHILADELPHIA RAMBLER.....                                                                                   | 3 00    | 25 00 |
| 1,500 TRIER RAMBLER. Lambert's new seedling Yellow Rambler: an everblooming; strong grower: absolutely hardy..... | 3 00    | 25 00 |

### Dwarf Polyantha or "Baby" Roses

|                                                                                                 |        |         |
|-------------------------------------------------------------------------------------------------|--------|---------|
| 7,000 BABY RAMBLER.....                                                                         | \$4 00 | \$30 00 |
| 1,500 PINK BABY RAMBLER. (Baby Dorothy Perkins).....                                            | 4 00   | 30 00   |
| 2,000 WHITE RAMBLER, NOT Catherine Zeimeth, but the Vaughan variety, superior in every way..... | 3 50   | 27 50   |
| 300 ANNY MULLER.....                                                                            | 3 50   |         |

### Miscellaneous

|                                            | Per 100 | 1000    |
|--------------------------------------------|---------|---------|
| 1,000 BRIDE.....                           | \$3 00  | \$25 00 |
| 2,000 CLOTHILDE SOUPERT.....               | 3 00    | 25 00   |
| 300 ETOILE DE LYON, Yellow Tea.....        | 3 00    |         |
| 2,500 GOLDEN GATE, Yellow Tea.....         | 3 00    | 22 50   |
| 2,800 GRUSS AN TEPLITZ.....                | 3 00    | 25 00   |
| 800 HERMOSA.....                           | 3 00    |         |
| 200 IVORY.....                             | 3 00    |         |
| 100 MALMAISON.....                         | 3 00    |         |
| 100 MARION DINGKE, Dark red.....           | 3 00    |         |
| 500 MARIE GUILLOT.....                     | 3 00    | 25 00   |
| 200 PINK SOUPERT.....                      | 3 00    | 25 00   |
| 600 SAFRANO.....                           | 3 00    |         |
| 700 UNCLE JOHN.....                        | 3 00    | 25 00   |
| 300 FRANCOIS LEVET, Rose colored H. P..... | 3 50    |         |

"The 2,500 Roses received, and I want to thank you for the choice lot and fine packing. They are Roses, not rooted cuttings like some send out."  
F. E. CREMER, Hanover, Pa., May 6 1911.

Jackson & Perkins Co., (INCORPORATED) Rose Growers and Nurserymen, Newark, Wayne County, New York

## Seasonable Stock

|                                                                                       |  |
|---------------------------------------------------------------------------------------|--|
| Rhododendrons, best named varieties, 18-24 in., \$75 00; 24-30 in., \$100 00 per 100. |  |
| Nephrolepis Bostoniensis, fine 2½-in. stock \$4 00 per 100; 3-in., \$7 00 per 100.    |  |
| Nephrolepis Scottii, strong 4 in. \$25 00 per 100.                                    |  |
| Anthericum Variegatum, 2½-in., \$3 00 per 100.                                        |  |
| Dracena Indivisa, fine 2½ in., for growing on, \$3 00 per 100.                        |  |
| Violet, Swanley White 3 00 per 100.                                                   |  |
| Holt's Hardy Sage, \$3 00 per 100.                                                    |  |

|                                                                                                                                                                                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Hardy Chrysanthemums, old fashioned, pink white red and yellow, \$3 00 per 100.                                                                                                            |  |
| Geraniums, 50 varieties, 2½ in. pots, \$2 50 per 100                                                                                                                                       |  |
| Asparagus Sprengeri, 5-in. pots, 18-in. tops, \$15 00 per 100.                                                                                                                             |  |
| Achyranthus Brilliantissima, \$2 50 per 100.                                                                                                                                               |  |
| Dahlias, pot plants, 50 best varieties, including A. D. Lavoni, Arabella, Clifford W. Bruton, Countess of Londale, Perle Pink, Perle Standard Bearer, Strahlen Krone, etc. \$4 00 per 100. |  |

Send for Catalog No. 5 if you have not received it.

THE STORRS & HARRISON CO., Painesville, O.

## Alternantheras

|                                        | Per 100 |
|----------------------------------------|---------|
| Red and Yellow, 2½ in. pots.....       | 2 00    |
| Geranium, 6 varieties, 3 in. pots..... | 5 00    |
| asp. Plumosus, 2½ in. pots.....        | 2 00    |
| Verbena, 2½ in. pots.....              | 2 00    |
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to 3 ft. spread.....

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The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPAUD CO., Youngstown, Ohio

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Of The United States and Canada

Price \$3.00.

American Florist Co., 440 S. Dearborn St., Chicago

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Is a Perplexing Question to all Florists

Except Those Using

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1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

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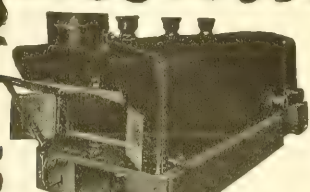
"I bought a No. 7 boiler in 1901. It takes care of 10,500 sq. ft. of glass and cold take care of 5000 more. Must state that I am in business for 25 years and have attended to many boilers, but I must say for your boiler that it has given better satisfaction than any other, being easier to fire up, and it is easier to keep the temperature with your boiler in cut houses than it is with any other.

I used 35 tons of coal less than I did with the boilers I had before. I can keep the temperature to 75 to 80 degrees during the severest weather, if it is necessary to do so."

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**AGERATUM.** The best Blue and White flowering varieties, 2½-in. pots 40c per doz., \$2.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. **THE GOOD & REESE CO.,** The Largest Rose Growers in the World, Springfield Ohio.

**Ageratum Imperial dwarf, blue seedlings,** 60c per 100; 2½-in. \$2 per 100. **Mosbek Greenhouse Co., Onarga, Ill.**

**Ageratums, rooted cuttings,** \$5 per 1,000; 2½-in. \$5 per 100. **THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

**Ageratums, 2-in., \$2 per 100.** **Geo. M. Emmons, Newton, N. J.**

## ALOYSIAS.

**ALOYSIA CITRIODORA** (Lemon Verbena). The foliage has a decided lemon fragrance. 2½-in. pots, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. **THE GOOD & REESE CO.,** The Largest Rose Growers in the World, Springfield, Ohio.

## ALTERNANTHERAS.

**Alternantheras, good strong well-rooted cuttings, P. major, red,** 50c per 100; \$4 per 1,000. **A. nana, yellow,** 50c per 100; \$4 per 1,000. **Brilliantissima, best red,** 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. **R. R. Davis Co., Morrison, Ill.**

**Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.**

**ALTERNANTHERAS, red and yellow, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

**Alternantheras, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.**

**Alternantheras, red and yellow, 2½-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.**

**Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.**

**Alternantheras, red and yellow, strong 2-in. fine stock, 2c. E. D. Lauterbach, Bushnell, Ill.**

## ALYSUM

**Alysum Little Gem; dwarf, seedlings,** 60c per 100; 2½-in. \$2 per 100. **Mosbek Greenhouse Co., Onarga, Ill.**

**Double giant alysum, 70c per 100; \$6 per 1,000, prepaid. C. Humfeld, Clay Center, Kans.**

**Alysum, dbl. and single, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.**

## AMPELOPSIS.

**Ampelopsis Veitchii, 2-year, 18 to 24-inch tops, \$1.75 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. **THE GOOD & REESE CO.,** The Largest Rose Growers in the World, Springfield, Ohio.**

**Ampelopsis.** For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store, Chicago and New York.**

## ARAUCARIAS.

**Araucarias.** For varieties and prices see advertisement elsewhere in this issue. **Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.**

**Araucaria exelsa, 5-in., 50c; 6-in., 75c. C. Eisele, Philadelphia.**

## ASTERS.

**Asters. Drer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.**

**Asters, Vick's-Imperial Purity and Daybreak, New Upright and Non-Lateral Branching, in colors, 2½-in., 2c. Mosbek Greenhouse Co., Onarga, Ill.**

## ASPARAGUS.

**Potbound 3-in. Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Polliworth Co., Milwaukee, Wis.**

**Asparagus plumosus, 3-in., \$5 per 100; 4-in., \$8. Sprengeri, 3-in., \$4; 4-in., \$7. Reeser Plant Co., Springfield, O.**

**Asparagus plumosus, 2½-in., \$2 per 100. Sprengeri seedlings, \$1; plumosus, \$1.25. Jos. H. Cunningham, Delaware, O.**

**Asparagus Sprengeri, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.**

**Asparagus plumosus, 2-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

**Asparagus Sprengeri, 3-in., \$6 per 100; 3½-in., \$8 per 100. Harry Heintz, West Toledo, O.**

**Sprengeri, 4-in., \$5 per 100. A. M. Herr, Lancaster, Pa.**

**Asparagus Sprengeri, 2½-in., 2c; 3-in., 4c; 4-in., 5c. Mosbek Greenhouse Co., Onarga, Ill.**

**Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.**

**Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.**

**Asparagus Sprengeri, 2 2½ and 3-in., Vaughan's Seed Store, Chicago and New York.**

## AUCUBAS.

**AUCUBA JAPONICA VARIEGATA.** This is a grand plant for the center of vases, green foliage with large yellow spots, very showy plants, 2½ to 3 feet high; well branched, 65c each; 80c per doz. **AUCUBA JAPONICA BERRIED TYPE.** Dark green foliage, the plant almost red with bright scarlet berries, 12 to 2 feet high, well berried, 75c each; \$8 per doz. Our new trade list of everything you need now ready; mailed on application. Write today. **THE GOOD & REESE CO.,** The Largest Rose Growers in the World, Springfield, Ohio.

## AZALEAS.

**AZALEA MOLLEIS, extra fine stock, 12 to 15 inch at \$4 per doz.; 15 to 18 inch, \$6 per doz. Wagner Park Conservatories, Sidney, Ohio.**

## BAY TREES.

**Bay trees, Julius Roehrs Co., Rutherford, N. J.**

**Bay trees, Bobbink & Atkins, Rutherford, N. J.**

## BEDDING STOCK.

**Bedding plants: Alternantheras, 2-in., 2c; Begonia Vernon, 2-in., 2c; petunias, 3-in., 4c; 4-in., 5c; Coleus Bistort yellow and red, Ver-schaftel Golden Bedder, 3-in., 3c; Thunbergia Vines, 3-in., 4c; achyranthes, 3-in., 4c; salvia, 3-in., 5c; 3-in., 5c; fuchsia, 4-in., 5c; mar-guerites, white, 4-in., 8c and 10c, yellow, 4-in., 12c; coleus, 4-in., 10c; vinca variegated, 4-in., \$2 per doz., extra strong, \$2.50 per doz. Caladium esculentum, 3-in., 15c; 4-in., 10c. Sweet Alyssum, 2-in., 2½c. Salterol, 2-in., 3c; 3-in., 5c; geraniums, 4-in., 8c; extra strong, \$10 per 100; ivy geraniums, 3-in., 4c; 4-in., 5c. Cantor bean, 4-in., 8c; Heliotrop, 4-in., 8c. Ageratum, 4-in., 8c. Lobelia dwf., 2-in., 2½c; tall, 2-in., 2½c. Celosia, 3-in., 4c. Rose geraniums, 4-in., 10c. Stocks, 4-in., 8c. Zinnia, 3-in., 4c. Nasturtiums, 3-in., 5c. Daisy (Bellis perennis), 2c. Verbena, 3-in., 4c. Grave myrtle, 2-in., 2½c; 3-in., 4c. Cannas, 4-in., 8c. P. V. Vaughan, New York, Eggen, Henderson, Egan-dale, David Harum, Souy, D'Antoine Crozy, Allemania, Austria, Shenandoah, Patry, Chicago, THE GEO. WITTBOLD CO., 739 Buckingham Pl., Chicago.**

**Bedding plants.** For varieties and prices see advertisement elsewhere in this issue. **Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.**

**Seasonable stock.** For varieties and prices see advertisement on back cover page. **R. Vincent Jr. & Sons Co., White Marsh, Md.**

**Bedding stock, 3-in. pots, \$4 per 100: English ivy, Passiflora, corolla and Portland, Lemon ver-bena, moonvine, fuchsias, echeveria glauca, Salvia, Bonnie and Zurich, Mrs. Parker geranium, Swainsona alba. Stock from 2½-in., \$2.50 per 100; German ivy, cupheas, fuchsias, Var. Vinca, lobelias, ageratum, clematis paniculata, Var. ice plant, Abutilon Savitzi, Nut-mug and rose geranium, verbenas, stevias, anandragons. Plants from 2½-in., \$3 per 100; Moonvine, Lemon Verbenas, C. Eisele, 11th and Westmoreland, Philadelphia.**

## BEGONIAS.

**Begonias for May and June delivery.** All leaf cuttings, very best stock only. **Begonia Lorraine, \$12 per 100; \$30 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new), \$6 per doz. Julius Roehrs Co., Rutherford, N. J.**

**Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.**

**Begonia Lorraine, 2½-in., two transplanted, \$12 per 100; in 500 lots, \$5 the 500. Julius Roehrs Co., Rutherford, N. J.**

**BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.**

**Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.**

**Flowering begonias, 2½-in., 2c; 3-in., 5c. Mosbek Greenhouse Co., Onarga, Ill.**

## BOXWOOD.

**Boxwood.** For size and prices see advertisement elsewhere in this issue. **Storrs & Harrison Co., Painesville, O.**

**Box trees, all sizes, Ask for special list, Julius Roehrs Co., Rutherford, N. J.**

**Boxwood, Bobbink & Atkins, Rutherford, N. J.**

## BULBS.

**Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000; Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.**

**Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.**

**Caladiums, 5-7, 35c per doz.; \$2 per 100; 9-10, 60c per doz.; \$4 per 100; 9-11, \$1 per doz.; \$6.50 per 100; 11-14, \$1.65 per doz.; \$12 per 100. A. Henderson & Co., 162 N. Wabash Ave., Chicago.**

**Bulbs.** For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store, Chicago and New York.**

**Bulbs, W. J. Eldering & Son, Overeen, Haarlem, Holland.**

**Bulbs, All kinds, Jas. Vick's Sons, Rochester, N. Y.**

**Bulbs, Burnett Bros., 72 Cortland St., New York.**

**Bulbs, E. S. Miller, Wading River, N. Y.**

## CANNAS.

**Canna King Humbert, 3-in., \$5 per 100; from sand, \$4. Crimson Bedder, Penn., Berat, Flamm-ing, Exandale, F. Vaughan, 3-in., \$3.50 per 100; from sand, \$2.50. Reeser Plant Co., Springfield, O.**

**Cannas, B. Beauty, \$2.60; D. Harum, \$2. Marlborough, Austria, America, Italia, Exandale, Penn., \$1.50 per 100. J. H. Dunn & Son, Westfield, N. Y.**

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CANNAS**, last offer of surplus stock, all perfectly sound, freshly packed and packed receipt of order. Atlanta, red orchid; Parthenon, orange, red; Morning Star, yellow; unknown, dwarf red, also fine bronze foliage varieties, Marechal Valante, bronze king, all \$1 per 100. Austria, yellow; Allemania, yellow and red; Burbank, yellow; Indiana, orange salmon, beautiful; Oceanus, yellow; Allemania, crimson; Ex. Crampel, crimson; Felix Crocus, scarlet; Flamingo, rich red and bronze foliage varieties King of Bronze, Rose, Shennah, pink; Pres. Carnot, red, all \$1.25 per 100. Brandywine, bronze crimson; Director, Holte, yellow dotted red; Fairhope, F. R. Pierson, Pres. McKinley, Mrs. C. W. Ward, Boffinger, J. D. Elsie, all crimson; Sect. Shabane, orange scarlet; West Grove, carmine; Italia, yellow and red. Pres. Meyer, bronze crimson; Wyoconda, orange salmon, foliage equal to Humbert, all \$1.50 per 100. Caladium esculentum, 5 to 7, \$1.25; 7 to 9, \$2; 9 to 11, \$4. Send for list of start plants, 61 varieties, also Xanthosomas the new flowering caladiums. They will be money makers. CLEAR VIEW GARDENS, The Cummings Co., Inc., Proprietors successors to Frank Cummings Bulb and Plant Co., Meridian, Miss.

**CANNAS**, 4-in., strong plants, Henderson, Patry, Austria, strong, Chicago, Engadale, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**Canna** roots, Pennsylvania, \$25 per 1,000. New's 20th Century red, \$5 per 100. Strictly cash. New National Floral Co., Bellevue, Pa.

**Cannas**, surplus, Pennsylvania, Louisiana, etc., \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

**Cannas**, 10 vars., 3 and 4-in., \$4 per 100; King Humbert, \$6. Jos. H. Cunningham, Delaware, O.

**Cannas**, 10 vars., \$4 per 100. King Humbert, 2 1/2-in., \$6. Jos. H. Cunningham, Delaware, O.

**Canna King Humbert**, 3 1/2-in., \$8 per 100. Harry Hehl, West Toledo, O.

## CARNATIONS.

**ROOTED CARNATION CUTTINGS.**  
March 15 Delivery. 100 1,000  
Washington, cerise, a sport from ..... \$10.00 \$75.00  
Enchantress ..... 6.00 50.00  
Sanguineo, brilliant, cerise ..... 6.00 50.00  
Mary Tolman, deep flesh ..... 3.00 25.00  
May Day, flesh pink ..... 3.00 25.00  
Enchantress ..... 3.00 25.00  
Albino, cerise ..... 3.00 25.00  
White Enchantress ..... 3.00 25.00

**CHICAGO CARNATION CO.**, Chicago.

**Carnations**, Dorothy Gordon, plants from 2 1/2-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, R. C., \$1 per 100. Elton, scarlet, \$2 per 100. Hardy plant carnations blooming all summer, plants from 2 1/2-in. pots, \$3 per 100. C. Elsie, 11th and Westmoreland Sts., Philadelphia, Pa.

**Carnations**, from 2-in. pots, White Wonder, Gloriosa, \$12 per 100; \$10 per 1,000. Scarlet Glow, \$6 per 100; \$50 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

**Carnations**, Dorothy Gordon, 2 1/2-in., \$6 per 100. B. C. \$5 per 100. Enchantress, W. Enchantress, Lady Bountiful, Elton, \$2 per 100. C. Elsie, 11th and Westmoreland, Philadelphia.

**Carnations**, Winsor, Lawson, Enchantress, 5,000 each, \$25 per 1,000, from black soil. August Erickson, 3457 Foster Ave., Chicago, Ill.

**Carnation Dorothy Gordon**, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

**Carnations**, leading varieties. Chas. H. Totty, Madison, N. J.

**Carnation Bright Spot**, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

**Carnations**, Wood Bros., Fishkill, N. Y.

## HARDY CARNATIONS.

The new hardy ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live out in the garden during the winter. We were pleased in offering this new plant, as it will fill the bill. It is absolutely hardy, standing even the Canadian winters in the yard, and blooms all summer long, never a day that you cannot cut blossoms. By potting up in the fall you can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give as much satisfaction as the new CRIMSON KING. 2 1/2-in. pots, per doz., \$1.25; per 100, \$8; per 1,000, \$75; 25 plants sold at 100 rates; 250 plants at 1,000 rates. Our new Trade List of everything you need now ready for application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CHRYSANTHEMUMS.

**Chrysanthemums**, divided roots, \$2 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

## CHRYSANTHEMUMS.

Out of soil and sand, strong rooted cuttings, \$2 per 100.

White, Yellow, Pink.  
Oct. Frost, Robt. Halliday, Dr. Enguehard  
Early Snow, Y. Bonaffon, J. Rosette  
Golden Eagle, C. T. Ivory  
W. Bonaffon, Nagora, Gloria  
Estelle, Golden Beauty, Monogram  
Yellow, Pink, Red.  
Monrovia, Rose, Intensity  
Golden Glow, Pacific, Blackhawk

POMPONS.  
Quinola, Emile, Baby  
Lulu, Pretoria, Baby Margaret

**WIETOR BROTHERS**,  
162 North Wabash Ave., Chicago.

**Chrysanthemums**, strong, rooted cuttings. Mrs. Robinson, C. Touset, Col. Appleton, V. Morel, Robt. Halliday, Golden Glow, Estelle, Pacific, Ivory, Garza, M. Wamamaker, Amorita, \$1.75 per 100. \$15 per 1,000. Cash with order. FRANK BEU, 4435 N. 40th Ave., Chicago.

**Chrysanthemums**, For varieties and prices see advertisement elsewhere in this issue. J. D. Thompson Carnation Co., Joliet, Ill.

**Chrysanthemums**, For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith Co., Adrian, Mich.

**Chrysanthemums**, Glory of Pacific, 2 1/2-in., 2c; Dr. Enguehard, 3-in., 3c. Mosbak Greenhouse Co., Onarga, Ill.

**Chrysanthemums**, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

**Hardy chrysanthemums**, all colors, \$3 per 100. Storrs & Harrison Co., Painesville, O.

**Chrysanthemums** leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

**Cinerarias**, Stellata, dwarf hybrid grandiflora, \$2.50 per 100. 3-in., 4c. Mosbak Greenhouse Co., Onarga, Ill.

**Cinerarias**, J. C. Schmidt, Bristol, Pa.

## CLEMATIS.

**Clematis** Paniculata Grandiflora, strong one-year field-grown, \$6.50 per 100. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Clematis**, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

**Clematis**, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Elsie, Philadelphia.

**Clematis** paniculata, 2 1/2-in., \$2.50 per 100. Reeser Plant Co., Springfield, O.

**Clematis** paniculata, \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COBEAS.

**Cobea** Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

**COLEUS**, All the leaders, except yellow foliated varieties, 2 1/2-in. pots, \$2 per 100; \$19 per 1,000. COLEUS yellow foliated varieties, 2 1/2-in. pots, \$2.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Coleus**, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

**Coleus** Verschaffelti, 3-in., \$4 per 100. Pileto, 4-in., \$4 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**Coleus**, G. Bedder, Verschaffelti and standard mixed, \$6 per 1,000. Plant leaved at \$1 per 100. A. M. Bert, Lancaster, Pa.

**Coleus**, Golden Bedder, Verschaffelti, and others, stocky plants, 3c each. Cash with order. Gus Schlegel, Olney, Ill.

**Coleus**, 10 vars., 2 1/2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

**Coleus**, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

**Coleus**, standard varieties, 2 1/2-in., \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

## COREOPSIS.

**COREOPSIS LANCEOLATA GRANDIFLORA**. Invaluable for cutting; field plants divided, \$2.50 per 100. Our new trade list of everything you need now ready for application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CROTONS.

**Crotons**, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

**CROTONS**, We offer twenty of the choicest varieties of crotons, suitable for bedding 2 1/2-in. pots, 60c per doz.; \$4 per 100; \$35 per 1,000. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## CYCLAMENS.

**CYCLAMEN GIGANTEUM**. The finest strain, 2 1/2-in. pots, \$1 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**CYCLAMEN**. Best varieties in different colors. 3-in. pots, strong plants, \$10 per 100; \$50 per 1,000. Julius Roehm Company, Lutherford, N. J.

**Cyclamen**, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedman Bulb Co., Santa Cruz, Calif.

**Cyclamen**, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidway & Irwin Co., 1215 Betz Bldg., Philadelphia.

**Cyclamens**, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

**Cyclamen**, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

**DAHLIAS**, in 50 best varieties, all classes and colors; divided field tubers, 75c per doz.; \$6 per 100. DAHLIAS, green plants from 2 1/2-in. pots. These will bloom best all in 100 leading varieties, 50c per doz.; \$4 per 100. Our new list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Dahlia**, a choice list of best novelties and varieties for cuttings or garden use. True to name. Send for catalogue of dahlia, hollyhocks, hardy plants, etc. Prices reasonable. W. W. Willmore, Box 382, Denver, Colo.

**43,000** field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

**Dahlia**, \$1 special offer by mail, postpaid, 12 new and best. Peacock Dahlia Farms, Williamstown, N. J. Postoffice, Berlin, N. J.

**Dahlia**, field plants, \$4 per 100; \$35 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

**Dahlia**, \$5 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

## DAISIES.

**DAISY SHASTA**, from 2 1/2-in. pots, \$3 per 100; field-grown plants, 75c per doz.; \$6 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Giant Double Daisies**, mixed, \$2.50 per 1,000; prepaid, 40c. Chas. Frost, Kenilworth, N. J.

**Daisies** in bloom and bud, 3-in., \$7.50; 4-in., \$12.50 per 100. Geo. A. Kuhl, Pekin, Ill.

**Daisies**, Shasta, divided roots, \$4. Las Palmas Greenhouses, Palo Alto, Calif.

**Daisies**, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DRACENAS.

**DRACENA INDIVISA**, from 2 1/2-in. pots, \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Dracena** Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz; 4-in., \$3 per doz; 5-in., \$5 per doz. Dracena indivisa, 5-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**Dracena** indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wetlin Floral Co., Hornell, N. Y.

**Dracena** indivisa, 2 1/2-in., 3c. Mosbak Greenhouse Co., Onarga, Ill.

**Dracena** Indivisa, 5-in., \$20 per 100. Harry Hehl, West Toledo, O.

**Dracena** Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

**Dracena** indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Elsie, Philadelphia.

## FERNS.

**BOSTON FERNS**, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$80 per 1,000; 4-in., \$10 per 100; \$100 per 1,000. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**Ferns**, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**Ferns**, leading vars. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**Ferns.** Fine stock from 2 1/4-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern), NEW. See display advertisement in this issue page 844. The grandest of all ferns. We took your order now for June 1st delivery, \$3.50 per doz.; \$25 per 100; \$240 per 1,000. Nephrolepis Bostonensis (The Boston Fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallioideus (The Pinstriped Fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), an improved Amerophill, \$1 per doz.; \$7 per 100. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springfieldii (The Springfield fern), upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis Superbissima (The Fluffy Ruffian fern), NEW, \$1 per doz.; \$8 per 100. (Nephrolepis Whitmanii (The Ostrich Plume fern), \$3.50 per 100. Nephrolepis Harrisii (The Harris fern), a sport from Boston of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, O.

#### IMPORTANT SPECIAL NOTICE.

**PRICE ADVANCE.** The heavy demand from those who have seen NEPHROLEPIS ROOSEVELT growing on our place and scarcity of stock compels us to advance the price on all orders dated after June 1st to the following: 2 1/4-in. pots, 50c each; \$4.50 per doz.; \$35 per 100; \$360 per 1,000. It is our belief the price of Nephrolepis Roosevelt for 1911 will be maintained during the season of 1912. THE GOOD & REESE CO., Springfield, O.

**Ferns.** Boston and Scottii, 2 1/4-in., 4c; Scottii, Plersonii, Boston, 3-in., 8c; Elegantissima, and Whitmanii, 2 1/4-in., 5c; 3-in., 10c. Boston, 10-in., \$1; 12-in., \$1.50. Mosbach Greenhouse Co., Onarga, Ill.

**Ferns.** Boston, 2 1/4-in., \$4 per 100. Scottii, 4-in., \$25 per 100. Storrs & Harrison Co., Painesville, O.

**Ferns.** For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

**Ferns.** Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

**Ferns.** Whitmanii, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmaus, Newton, N. J.

**Ferns.** Boston, Elegantissima, 4-in., fine stock, \$12 per 100; 2 1/4-in., \$2.25 per 100; \$20 per 1,000. Wagner Park Conservatories, Sidney, O.

**Ferns** for dishes, 2 1/4-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechslin, 4911 Quincy St., Chicago.

**Ferns.** For varieties and prices see advertisement on last cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

**Neph.** Glatrasi, 2 1/4-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatrasi, 463 Summit Ave., West Hoboken, N. J.

**Boston ferns.** 10-in., \$2.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati O.

**Ferns.** Bobbink & Atkins, Rutherford, N. J.

#### FEVERFEW.

**Feverfew.** Little Gem, the best, \$1.25 per 100; \$10 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

**Feverfew,** double white, 2 1/4-in., 2 1/2-c. Mosbach Greenhouse Co., Onarga, Ill.

#### FICUS.

**FICUS ELASTICA.** Rubber plants, fine stock, \$4 per doz.; \$30 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Ficus Pandurata.** 2 1/4 to 4 ft., \$1.50 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

#### GERANIUMS.

**Geraniums.** best standard sorts, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100. Silver Duke, Nutt, Sophie Dumareque, Mt. of Snow, Duke, Nutt, Edgewood, 2-in., \$3 per 100; \$25 per 1,000; 3-in., 4-in., \$2 per 100. Apple, rose, nutmeg, lemon, etc., 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent Jr. & Sons Co., White Marsh, Md.

#### ROOTED GERANIUM CUTTINGS.

**Choice stock for immediate delivery.** Nutt, Grant, Polveine, Buchner, strong top cuttings ready for 2 1/4-in. pots, \$1.25 per 100; \$10 per 1,000. The W. T. Buckley Co., Springfield, Ill.

**Geraniums.** standard varieties, 2 1/4-in., \$3 per 100; \$25 per 1,000; 4-in., 5c; 5-in., 15c. Rose, 3-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

**Geraniums.** Nutt, Perkins, Grant, La Favorie, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellane, Poitevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., 5c. Geo. M. Emmaus, Newton, N. J.

**Geraniums,** nice stock plants, bud and bloom. S. A. Nutt, Ricard, Beante Poitevine, Buchner, 4-in., \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

**Geraniums,** our selection, 4-in., \$7 per 100; 3-in., \$4 per 100. 2-in., \$2 per 100; \$18.50 per 1,000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, Ohio.

**Red Wing,** the best 1910 novelty, deep cardinal red, 75c per doz.; \$6 per 100, prepaid. Chas. Frost, Kenilworth, N. J.

**Geraniums.** S. A. Nutt, large healthy plants in 4-in. pots, \$10 per 100; \$90 per 1,000. Cash with order. Frank Felke, Wilmette, Ill.

**Geranium Mme. Sallerod,** 2 1/4-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

**Geranium Mme. Sallerod,** \$1.25 per 100; \$10 per 1,000 (prepaid). C. Humfeld, Clay Center, Kans.

**Geraniums (S. A. Nutt,** 3-in., \$5 per 100; 4-in., \$8 per 100. Otto J. Hembelker, Lincoln, Ill.

**Geraniums 6 Vars.** 3-in., \$5 per 100. Jos. H. Cunningham, Delaware, O.

**Geraniums.** 3-in., S. A. Nutt, Ricard, Poitevine, \$3 per 100. A. M. Herr, Lancaster, Pa.

**Geraniums,** rose and other kinds. J. C. Schmidt, Bristol, Pa.

#### GREENS.

**Greens,** dagger and fancy ferns, \$1 per 1,000. Galax, 50c per 1,000. Boxwood, 50-c. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Broadway, Boston.

**Greens** of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

**Greens,** southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

**Greens,** evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsonas & Co., 50 W. 28th St., New York.

**Greens,** wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

#### HARDY PLANTS.

**Perennial Seedlings,** hollyhocks, under color, \$10 per 1,000. Helianthus Multiflora, d. pl., \$10 per 1,000. Garden pinks, Lychins Hagena, Pyrethrum, Gaillardia grandiflora, and Sweet William, \$5 per 1,000. W. BOLD CO., WITTBOLD CO., Edgebrook, Chicago, Ill.

**Phlox,** 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**Hardy perennials.** Wm. Tricker, Arlington, N. J.

**Herbaceous plants.** Bobbink & Atkins, Rutherford, N. J.

**Water lilies.** Wm. Tricker, Arlington, N. J.

#### HELIOTROPES.

**Heliotrope,** rooted cuttings, \$1 per 100; \$8 per 1,000; prepaid. C. Humfeld, Clay Center, Kans.

**Heliotrope,** rooted cuttings, 75c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

**Heliotrope,** 2-in., \$2 per 100. Geo. M. Emmaus, Newton, N. J.

#### HOLLYHOCKS.

**Hollyhocks,** double, field-grown, large blooming size, separate colors, red, white, pink, yellow, blue, bronze and black. Also Allegheny strain in mixture, all at \$3 per 100; \$25 per 1,000. Dahlias and hardy plants, catalogue. W. W. Wilmore, Box 382, Denver, Colo.

#### HYDRANGEAS.

**Hydrangea Arboreus Grandiflora Alba** or (Hills of Snow), NEW, 2-year-old field-grown, 3 to 5 canes, \$2 per doz.; \$12 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Hydrangea P. G.,** 18 to 24 ins. \$5 per 100; 2 to 3 feet, \$8; 3 feet, \$7. Tree shaped, 3 to 12 ft., \$8; 3 to 4 ft., \$10. J. H. Dunn & Son, Westfield, N. Y.

**Hydrangea Ottaka** in bloom, specimens, \$2 to \$5 each. J. A. Peterson, Westwood, Cincinnati O.

**Hydrangea paniculata grandiflora,** 4 to 5 ft., \$20 per 100. Storrs & Harrison Co., Painesville, O.

#### IVY.

**ENGLISH IVY.** From 2 1/4-in. pots, 50c per doz.; \$4 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Ivy,** 2 1/4-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

**Ivy,** R. C. English, \$1; German, 50c per 100, prepaid. Chas. Frost, Kenilworth, N. J.

#### JASMINES.

**Cape jasmynes.** See advertisement elsewhere in this issue for prices. T. W. Carlton, Alvin, Texas.

**Jasmine buds,** \$1 to \$1.50 per 100; \$8 to \$13 per 1,000; 500 at 1,000 rate. Woodward Floral Co., Alvin, Texas.

#### LANTANAS.

**LANTANAS.** Best Dwarf Bedders, five distinct colors, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

#### LEMONS.

**PONDEROSA LEMON,** gigantic fruit, 2 1/4-in. pots, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

#### LILACS.

**Lilacs.** Jacs Smits, Ltd., Naarden, Holland.

#### LILY OF THE VALLEY.

##### To Import.

**Lily of the valley,** Premium select, \$13.50 per 1,000. Premium, \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

**Lily of the valley.** Jacs Smits, Ltd., Naarden, Holland.

**Lily of the valley.** Otto Mann, Leipzig, Saxony, Germany.

##### From Storage.

**Lily of the valley,** Chicago Market Brand, \$2 per 100; \$20 per 1,000. The Florists' Money Maker, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

**Lily of the valley,** cold storage pips, case of 1,000, \$13; case of 3,000, \$36. J. M. Thorburn & Co., 33 Barclay St., New York.

#### MOONVINES.

**Moonvines,** Ipomaea Maxima, the giant flowering; flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around; 2 1/4-in. pots, \$5 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**Moonvines,** 2 1/4-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

#### MUSHROOM SPAWN.

**Mushroom Spawn.** Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

#### NIEREMBERGIA.

**Nierembergia gracilis,** indispensable for fine bow or basket work, 2 1/4-in., \$5; R. C., \$1. W. J. Olds, Union City, Pa.

#### NURSERY STOCK.

**Trees,** Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dreyfus, 6 to 8 ft., 50c. Acer Negundo, 8 to 10 ft., \$1. Salix Americana, 7 to 8 ft., \$1.25. Ulmus Montana pendula, 10 to 12 ft., 25c. Populus Monilifera, 2 to 2 1/2-in., 75c. Shrubs, Cornus Siberica, 3 1/2 to 4 ft., 25c. Spiraea Sorbifolia, 2 1/2 to 3 ft., 20c. S. Thunbergii, 2 1/2 to 3 ft., 25c. Symphoricarpos Racemosa, 4 to 6 ft., 35c. S. Vulgaris, 2 1/2 to 3 ft., 20c. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

**NURSERY STOCK.** Early Richmond Cherry, 2-yr., 1 1/4-in. stems, 7 to 8 ft. trees, 50c each. Dreyhose Cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50c each. W. BOLD CO., WITTBOLD CO., Edgebrook, Chicago, Ill.

**Nursery stock,** evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

**Nursery stock,** blue spruce, berried plants, climbing plants, clematis, cornus, evergreens, runks, Japan maples, hydrangeas. Jacs Smits, Ltd., Naarden, Holland.

**Nursery stock,** large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Nursery stock, closing-out sale of ornamental stock. Morrisville Nurseries, Morrisville, Pa.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

## ORANGES.

OTAHETE ORANGE. 2½-in. pots, 50c per doz.; \$3.50 per 100. Our new trade list of everything new, need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

Orchids, all commercial, cattleyas and novelties. Carillo & Baldwin, Mamaroneck, N. Y.

## PANDANUS.

PANDANUS UTILIS. 3-in., \$2 per doz.; \$15 per 100; 4-in., \$3 per doz.; \$15 per 100; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

50,000 FIELD-GROWN pansy plants, never under glass, strong, bushy plants. THE KIND PLANT SELLER, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

Pansies, translated, \$1.25 per 100; \$10 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

Kentworth Giant Pansies, \$3.50 per 1,000; 100 prepaid, 50c. Chas. Frost, Kentworth, N. J.

## PALEMS.

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phoenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 4 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For varieties and prices see advertisement elsewhere in this issue. Joseph Heck-cock Co., Wyncote, Pa.

Palms. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Palms. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Palms. Julius Roehrs Co., Rutherford, N. J.

Palms. Bobbink & Atkins, Rutherford, N. J.

## PEONIES.

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, all vars. Jacs Smits, Naarden, Holland.

## PENNISETUMS.

Pennisetum Ru-pellianum, 2½-in., \$2.50 per 100. Mosback Greenhouse Co., Onarga, Ill.

## PHLOX.

Phlox. We offer fifty thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hardy perennial phloxes. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Phlox, Miss Lingard, 75c per doz.; \$6 per 100; clumps, \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox, hardy, White and Birdseye, \$5 per 100. Mosback Greenhouse Co., Onarga, Ill.

## POINSETTIAS.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Bets Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

## PRIMULAS.

CHINESE PRIMROSES, from finest strain, 2½-in. pots, 60c per doz.; \$3.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Primulas, 4-in., \$5 per 100. J. C. Schmidt, Bristol, Pa.

Primroses, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primula Kewensis, 3-in., \$5 per 100. Storrs & Harrison Co., Painesville, O.

## RHODODENDRONS.

RHODODENDRON CATAWBIENSIS the very best variety grown, 8 to 12 buds \$4.50 per doz.; 12 to 20 buds \$6.50 per doz.; 25 to 30 buds, \$9.50 per doz.; 3 to 3½ feet, extra heavy, \$1.50 each. Wagner Park Conservatories, Sidney, Ohio.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Rhododendrons, 18 to 24-in., \$15; 24 to 30-in., \$10. Storrs & Harrison Co., Painesville, O.

Rhododendrons, Bobbink & Atkins, Rutherford, N. J.

Rhododendrons, Jacs Smits, Naarden, Holland.

## ROSES.

### ONE-YEAR OLD

### AMERICAN BEAUTY BENCH PLANTS.

\$6.00 per 100; \$50.00 per 1,000.

GEORGE REINBERG,

162 N. Wabash Ave.

Chicago.

### ROSES.

|                         | Per 100. | Per 1,000. |
|-------------------------|----------|------------|
| Bride, 2½-inch          | \$3.00   | \$25.00    |
| Bridesmaid, 2½-inch     | 3.00     | 25.00      |
| Uncle John, 2½-inch     | 3.00     | 25.00      |
| Mrs. Knicker, 2½-inch   | 3.00     | 25.00      |
| Richmond, 2½-inch       | 3.00     | 25.00      |
| Pink Killarney, 2½-inch | 5.00     | 40.00      |

WETTOR BROTHERS,

162 North Wabash Ave.,

Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Pohlmann Bros. Co., Morton Grove, Ill.

Roses, Am. Beauty, 2½-in., \$60 per 1,000; smaller stock, \$50 per 1,000. E. G. Hill, Richmond, Ind.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomburg, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, Hugh Dickson, Royal Nurseries, Belfast, Ireland.

Roses, all the leading kinds. Leedle Floral Co., Springfield, O.

Tree roses, 4 to 5 ft., \$35 per 100. Storrs & Harrison Co., Painesville, O.

Roses, hybrid tea. Wm. Tricker, Arlington, N. J.

Roses, 3-in. Wood Bros., Fishkill, N. Y.

Roses, Dingee & Conard Co., West Grove, Pa.

Roses, Bobbink & Atkins, Rutherford, N. J.

## SALVIAS.

Salvias, 4 different varieties, 2 and 2½-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. F. Rieth & Co., Downer's Grove, Ill.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia splendens, 2½-in., 2½c; 3-in., 5c. Mosback Greenhouse Co., Onarga, Ill.

Salvia splendens, 2-in., \$2.50 per 100; 3-in., \$4. Reeser Plant Co., Springfield, O.

Salvias, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvias, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvia Bonfire, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

Salvias, 2½-in., \$2 per 100. J. C. Schmidt, Bristol, Pa.

## SEEDS.

Seeds, Phoenix canariensis, \$1.50 per 1,000. Pheonix reclinata, \$2.25 per 1,000. Pheonix sylvestris, \$3 per 1,000. Washingtonia filifera, \$1 per 1,000; \$4 per 5,000. Chamomrops excelsa, 75c per 1,000. Erythra armata, 100 seeds, \$1. \$8 per 1,000. Asparagus plumosus nanus, 1,000 seeds, \$2.50; 2,000 seeds, \$4.75; 5,000 seeds, \$11.25; 10,000 seeds, \$20. Strawberry suava, 50c per oz.; \$3 per lb. Frank M. Warner, 1100 So. Flower St., Los Angeles, Calif.

Seeds, Asparagus plumosus nanus, \$2 per 1,000; seeds, 5,000 to 10,000 lots, \$1.75 per 1,000. Asparagus Sprungel, 50c oz.; postpaid to any address in the U. S. Price larger quantities on application. Morris & Snow Seed Co., 425 So. Main St., Los Angeles, Calif.

Seeds, aster, best standard varieties. Elmer O. Smith & Co., Adrian, Mich.

Seeds, onions, lettuce, sweet peas, carrot, cery, leek, mustard, parley, radish, radish, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Calif.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seed, Pheonix canariensis, postpaid, \$3 per 1,000. Las Palmas Greenhouses, Palo Alto, Calif.

Seeds, Roemer's Superb Fribe pansies. Fred. Roemer, Quedlinburg, Germany.

Seed, Asparagus plumosus nanus, \$2.25 per 1,000. Drake Point Greenhouses, Yalaha, Fla.

Seeds, Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seven Top Turnips, D. Landreth Seed Co., Bloomdale, Parma, Bristol, Pa.

Seeds, onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Hollister, Calif.

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Seeds, Vick's Quality. James Vick's Sons, Rochester, N. Y.

Seeds, aster, Elmer D. Smith & Co., Adrian, Mich.

Seeds, all kinds. J. M. Thorburn & Co., 33 Barclay St., New York.

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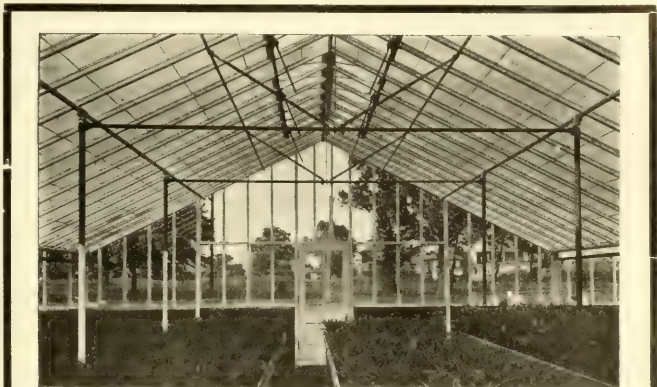
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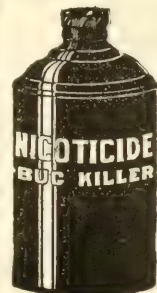
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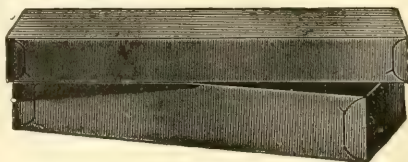
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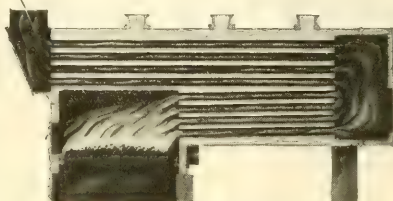
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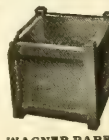
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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, MAY 20, 1911.

No. 1198

## THE AMERICAN FLORIST

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## Our Supplements.

Subscribers should see that they get copies of  
the fine supplementary illustrations showing  
high grade design and decorative work. These  
fine supplements should be carefully pre-  
served, as they mean much to the retail florists  
in dealing with their customers, illustrating as  
they do the various kinds of work that the  
everyday florist is called upon to perform.

The papers in which the supplements appear  
should be likewise preserved, as they contain  
much valuable data with regard to these special  
illustrations. Subscribers should see that they  
get every issue as otherwise they may miss  
some of this high grade work.

## SUGGESTIONS FOR MEMORIAL DAY.

### Memorial Day.

The beautiful custom of selecting one  
day in the year upon which to com-  
memorate those who have passed on to  
the hereafter, by laying flowers upon  
their graves, was inaugurated in the  
south, but was adopted by the Grand  
Army of the Republic, who selected  
May 30 as a day upon which to honor  
the dead heroes of the civil war, and  
has now become a day generally ob-  
served by all to keep green the memory  
of all those who have gone to their  
eternal home. This year being the  
fiftieth anniversary of the breaking out  
of the war, extensive arrangements are  
being made by the Grand Army to com-  
memorate and honor those who gave  
up their lives and who participated in  
that great conflict, and the publication  
by the daily press at this time of the  
articles upon that war which nearly  
divided this great country fifty years  
ago, is bound to make this one of the  
greatest memorial days in the history  
of the country, and there is no doubt  
but that the demand for flowers will be  
much greater than ever before. It is  
therefore necessary that those dealing  
in floral products should be prepared to  
meet this demand that will be made  
upon their resources.

### Wreaths and Designs.

Floral designs are one of the great  
features of Memorial day, and of all  
of the many forms used the wreath is  
always the most in demand, followed  
by the cross. These will be desired in  
many different arrangements and at  
various prices, and the florist must be  
ready to supply them at good prices as  
well as at low figures. There is no limit  
to the different combinations that can  
be arranged and all the seasonal  
flowers are well adapted for these  
forms. While there are always many  
designs composed entirely of flowers,  
yet for the last few years the increase  
in the use of galax and other orna-  
mental foliage has been very marked,  
and especially at Memorial day when the  
idea of many is to keep green the  
memory of the departed relatives, the  
wreaths of green are very appropriate.  
Galax is by all means the foliage most

employed and wreaths and other de-  
signs composed of these leaves, either  
the green or bronze, are extensively  
made by all the florists. These designs  
artistically arranged with a bunch or  
spray of bright flowers upon them are  
especially adapted for the purposes for  
which they are desired for Memorial  
day, for they keep well, and no matter  
what the weather, whether stormy or  
hot, retain their fresh appearance for  
a long period. The galax can be ar-  
ranged very beautifully, but the flat  
effect which is so often seen should be  
avoided, and the leaves arranged more  
loosely with some standing above the  
others and not simply laid one on top  
of the other.

The magnolia leaves well arranged  
make one of the richest pieces of work  
of all the different kinds of foliage, and  
at this season are sure of satisfying the  
customer. These leaves when well ar-  
ranged are certainly very beautiful, and  
although there are some who are averse  
to work of this kind unless it is com-  
posed of flowers, on account of what  
they consider an artificial look, yet we  
have known of a well arranged wreath  
of magnolia leaves to overcome all their  
prejudices and excite their admiration.  
These leaves have great lasting quality  
and the designs can be made up a few  
days before Memorial day and will be  
very ornamental in the store or office,  
and all ready for sale, and if displayed  
in the window are sure to attract a  
customer. The leucothoe sprays are  
also well adapted for this class of work,  
and while they do not in our opinion  
make as beautiful designs as either the  
galax or magnolia, yet they help to  
give variety and have many admirers.

The leaves of cypress can be used to  
make beautiful and rich looking  
wreaths, especially by the use of the  
smaller sizes, and they are also very  
fine for the background of sprays. The  
leaves are symbolic of victory and a  
cluster well arranged and tied with a  
ribbon make a very beautiful and ap-  
propriate design for this season. The  
cypress can also be employed in combina-  
tions with other foliage or with flowers  
and when artistically and properly used  
are very effective additions to all  
classes of funeral work.



### Plants and Bedding.

While the demand at Memorial day will, with most florists, be largely for flowers, yet there will be calls for many plants, and with many the plant sales may even exceed those for cut flowers. The fine specimen blooming plants are extensively used for decoration at this time, and hydrangeas, spireas and pot roses are always demanded. These the dealer should have in quantity, enough to fill all orders. There is one important item in the sale of these plants that are to go to the cemeteries and be left standing in their pots exposed to the sun and wind, and that is that they should be thoroughly watered before leaving the office or store, and if, as is sometimes the case the florist delivers and places the plant upon the lot at the cemetery, the plant is better watered after being located. While this may be considered a small matter, yet a plant left the day before Memorial day and placed in the sun, if not properly watered, will present a sorry sight on the morrow. Hydrangeas are very satisfactory plants for this purpose and are always in good demand, a nice plant with five or six blooms will really make more show and last longer than the same amount of money placed in cut flowers, and the Crimson Rambler roses are also fine for this purpose. In the cheaper plants there are none more satisfactory than the Spirea Japonica, and if well watered and kept so, will be very decorative for a long period. While these are the three leading blooming plants used at this time, still there will be calls for others, and any of the blooming plants in good condition will find ready sale.

Many lot owners in cemeteries have beds or urns which are filled with

blooming plants and others have the graves planted out with bedding stock. There is one important matter in this work and that is that the plants shall be in bloom, for the purchasers will want all the flowers possible on the plants on Memorial day, and will not be satisfied with a bed planted with stock in bud or not showing color. Geraniums will surely have the call and that popular variety, S. A. Nutt, will be in great demand for the purpose, and a good stock of this variety in bloom is a great necessity to one having much of this trade. Pansies, especially where the lot is shaded by trees, are fine plants for bedding in cemeteries, and they are particularly adapted to shady locations where the graves are made into flower beds. Where pansies are planted in the open sun and receive no after attention—not being given water enough and the seed pods allowed to remain upon the plants—they soon go out of bloom and the beds instead of being ornamental are an eye-sore through the summer. Some people like the graves set out to echeverias, in fact this is very general in some sections and in some cemeteries. There is one great advantage to these beds, they demand but little attention throughout the summer, except to have the weeds pulled out, and it makes but little difference how hot or dry the season may be, they always present a nice appearance.

Another great call in all cemeteries is for grave myrtle, Vinca minor, and this is by far one of the best plants in cultivation for the clothing of graves. It will grow in any location, either bright sun or in dense shade, but is at its best in partially shaded locations. This can be transplanted at any season

and will quickly cover the ground, making a mass of bright green foliage, and the only attention which it requires is to be kept within bounds and trimmed to the shape of bed required. A stock of this plant is a necessity to anyone having any cemetery trade.

The urns will require the same treatment that they do on lawns or estates, but if placed in very shady locations, high colored foliage plants are to be preferred to those that bloom, but if placed in sunny places any of the blooming plants are fit subjects for these ornamental features. Vines will be a necessity to properly fill the urns and vincas and German ivy are by far the best of these, and the other plants may be selected to suit the fancy of the buyers. The one necessary thing in urns is that the soil should be renewed, every spring if a nice effect is to be expected during the summer. It is too often the case that this important thing is left undone, and then the florist blamed for the quality of the plants furnished. It can hardly be expected that the plants will flourish and bloom in the impoverished soil which is allowed to remain in these receptacles from year to year.

### Cut Flowers and Bouquets.

The cut flowers will receive the greatest call, and it will be necessary to have on hand a full line of all the grades of stock for which there will be demand. Many of these will be arranged by those who purchase them and will be taken by them to the cemeteries themselves. But the greatest call will be for bouquets and sprays which are to be arranged by the florists, the former in the regular bouquet form to be placed in vases and the latter to be laid upon the graves or placed upon the head-stones or monuments according to the wishes of the customers, and the facilities with which they have provided themselves at the cemeteries, that is, whether they have vases in which to place the bouquets. If they do not have these, the sprays are generally preferred, for there is but little trouble in arranging them when they are carried to the cemetery. All the flowers of the season can be made to serve in the making of these, but as the majority of the buyers will desire more or less color in the arrangements it is necessary that the florist have on hand a goodly amount of colored flowers. The prices will vary greatly and a large supply of the cheaper flowers will be required, as well as a large stock of green material. Hardy ferns will be one of the first requisites, these will be required to back the sprays and to arrange under the bouquets and to help fill in among the flowers. Of the other greens a large quantity will be needed especially of the varieties of asparagus, for these keep well and do not wilt and are much to be preferred to the softer greens that will not stand in the bright sun and wind.

In flowers, besides the usual stock carried at the season, that is the roses, carnations and other seasonable stock, which is always on hand, a large supply of outside stock is obtainable and can be used in the bouquets, but these should all be picked the day before and allowed to stand in water over night, for this stock is all very soft and wilts very quickly, and should be kept in vases of water long enough for



WREATH OF PAUL NEYRON ROSES AND CYCAS.

it to get well hardened up before being placed in the open air. Of this class of stock peonies will occupy a prominent place, for they are very showy and a few of these beautiful blooms in a spray are a great addition to a prominent feature. Lilacs, weiglas, deutzias, *Spiraea Thunbergii* and *Van Houttei* and many of the spring blooming shrubs are very valuable at this time, for with a little taste these can be arranged with a few of the nicer or greenhouse products and the coarser look which is so often noticeable in arrangements of outside flowers be overcome. Of the cheaper greenhouse products which are so much in demand, there are stocks, both single and double, colored and white, which are especially useful in sprays; candytuft, feverfew, *Spiraea Japonica* are all nicely adapted for bouquet work and greatly add to the floral arrangements.

#### Vases and Supplies.

Another matter that may be turned to profit is the having in stock a suitable supply of vases for cemetery uses. These are now made in different materials, and in many places away from the larger cities, are impossible to obtain. It is then necessary that those who furnish the flowers should also have the receptacles to hold them. Many people will buy cut flowers and take them to the cemeteries and arrange them themselves, but having no vases in which to stand them, place them on the sod and they soon wilt, and they often feel that it is money thrown away. By having vases filled with water they will last much longer and be a source of satisfaction. The having these on hand will prove not only a source of revenue to the dealer acquired in the sale, but also the purchaser having procured the vase is induced to keep flowers in them throughout the summer and thereby increase the florist's business. Calls are frequently made for these receptacles and it is a necessity that those who sell the flowers should also have the required accessories.

#### Immortelles and Prepared Flowers.

A class of work that has a large sale in many sections is the wreath and other designs made of prepared flowers. These are made up before the rush for the fresh flowers comes on, and are displayed with the preparations for Memorial day. They are made of immortelles and cape flowers and while they are very compact and have an artificial look, yet they will keep in good condition for a long time and many people like them for this reason. They are not, of course as expensive as are the floral pieces and to one who likes this class of work are very decorative, and it seems to be the desire of some to get the most show possible for their money and these are just what they want. The immortelles can be obtained in many colors, and while white and yellow are the colors more often used, and generally the designs are made of all one color, yet some very good combinations can be executed. The immortelles and cape flowers are wired short and placed very closely together and this smooth close surface makes an admirable bed for the lettering that is so often desired. A spray of some of the preserved vines placed on these are very decorative additions to this work.

While personally we do not like this class of work, yet it is a great improvement over the metallic floral work which is sometimes used, and if well arranged is sure to find customers, and can be made a source of revenue to any up-to-date florist, for they are inexpensive and can be put up during the time when the help is not employed on rush work and be sold at a good profit. They also serve to attract the cus-

**MEMORIAL DAY** this year will mark the fiftieth anniversary of the outbreak of the great Civil War, and the decorations will be more numerous and elaborate than ever before.

tomers' attention to Memorial day, if properly displayed, and do, no doubt, result in the sale of other stock by calling to mind the approach of the day, and make a sale to some who would otherwise forget it.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### The Wreath.

SEE SUPPLEMENT WITH THIS ISSUE.

From the earliest times when flowers and foliage were placed together in any form, the wreath has always been the most popular manner of arranging them. In ancient times the laurel wreath was placed upon the victor and so down through all the ages this arrangement of flowers has been sung in poetry and praised in prose. Although the ingenuity of the florist has been exerted in producing many other designs, yet today there is a greater call for the wreath than any other arrangement that is executed. Unquestionably one of the great reasons for this, beside the form itself being so attractive, is that it can be arranged in so many different ways, can be used in so many locations, and can be made of any or all the flowers that the florist has in stock, for the designer is never restricted in his selection and large or small flowers, long stemmed or short stemmed can all be employed in arranging this popular design. The wreath is not only arranged to lie flat or to be hung where desired, but can be made rising above a beautiful base, when it is termed a standing wreath or fastened so as to recline upon an easel, both of which are beautiful designs and is also often designed in combination with other features such as the wreath and bar, with the bar across the center, or the wreath and the scroll, both of which forms are extensively used where lettering of any kind is desired. Wreaths are equally beautiful made either with one kind of flowers only or with a mixture, and the only instructions that are necessary are to avoid arrangements that are too compact. Much flower work is spoiled by the use of too large an amount of stock, the design thereby looking crowded. It is much better to use less flowers and so arrange them that each single flower stands out prominently, not all of the same height, but some standing above the others. The spaces

between the flowers can be filled in with lighter, smaller flowers or appropriate greens and the effect thus obtained is much more beautiful and effective. The wreath reclining on an easel which we herewith illustrate is a very artistic design composed of roses, carnations and Roman hyacinths and is a beautiful example of the lighter manner of arrangement. Each and every flower shows its individuality, there being no overcrowding, and the lighter hyacinth being used to fill between the larger flowers and standing above them, giving the design a beautiful finish.

### Memorial Day.

May 30, the last floral holiday of the season, is right ahead, and all branches of the trade should have all their lines out, and be prepared not only to get what business offers, but by putting their best foot forward to attract new customers and hold them for the future by the satisfactory way in which their orders are filled. The value of this event as a floral holiday varies considerably in different parts of the country; in Boston it is said to reach or attain as great a prominence as Easter or Christmas, and while the character of the business is different, being for the most part the sale of flowers for cemetery decoration, preparations are made weeks ahead, stock laid in and made up, and everything possible done to relieve the strain when the final day arrives. In many other cities and towns the general observance of the day carries with it a greater or less demand for plants and flowers. With all firms who cater to a cemetery trade it is their busiest day of the year, as lot holders will take no excuse for failure to have their vases filled or lot in order on that day.

One of the most useful designs for Memorial day is the magnolia wreath, these wreaths are made of the imported prepared leaves bronzed in color, and almost everlasting. Galax leaves at this season shrivel very quickly and can not be prepared very far ahead, while the magnolias that were left over from Christmas or for that matter from last Decoration day, if they have been kept clean, are just as good as the fresh stock, and when decorated with a few flowers are very attractive and salable. Their dark color also makes an admirable background for immortelles, nicely gotten up wreaths of this kind will be found good sellers.

It would be interesting to know how the general decorating of graves, so prevalent in Boston on Memorial, or Decoration day, was brought about, so that this very beautiful, and from the florists' standpoint, profitable custom, could be introduced and made general all over the country. Such a result is possible; look what has been done for the flower trade in the establishing of Mothers' day by Miss Jarvis of Philadelphia, who, without the assistance of anyone, has created a demand for white carnations for this occasion that has far exceeded the supply. Of course this feature of the observance of the day, the wearing of the carnation, was only incidental, but it has turned out to be a very valuable custom, creating a demand for flowers at a season when an accumulation of stock generally takes place. We believe that the business of this holiday, Memorial day,



could be improved by a system of literary work along the lines of making this a day for the annual decorating of graves. Such matter, if gotten up attractively, would be accepted as news and spread broadcast with but comparatively little expense. The name of the day implies that it is a day for decoration, and this feature should be kept before the public. The fallen heroes, the decoration of whose graves gave birth to the day, are not receiving the attention they did at first, in many cemeteries save for the flag and wreath or handful of flowers they receive on this day, there is little evidence of care and the graves generally present a sadly neglected appearance. The ranks of the Grand Army are rapidly thinning out and before long, if public sentiment is not built up or strengthened in some way, this beautiful custom is in danger of dying out.

The prospect for flowers for this year's celebration is now very promising as although the season appeared late it is thought that in the central and western states the great Memorial day flower, the peony, will be in full crop, as well as most of the outside shrubbery, which does so much to help out at this time of extra demand. Easter was so late this year the bedding plant men are having a hard time to get their stock ready for the final clean up, which as a rule takes place by the thirtieth of May. House after house of geraniums are seen that are strong and bushy but devoid of flowers, but it is hoped that they will be in by that time. Roses are also great sellers for that day, and many growers aim to have the rambler classes in full flower at that time.

The florists' supply houses are kept busy at this time shipping out immortelles and all kinds of wreaths and material for the same in large quantities. Many florists do a large business in metal wreaths and designs, which are preferred by many to fresh flowers for the cemetery. Trade of this kind is mostly among citizens of foreign birth, as abroad the metal designs are much in vogue.

K.

#### Sweet Alyssum Drooping Leaves.

Our plants of sweet alyssum were planted from the propagating bench to flats and grew nicely and were then potted in 2½-inch pots. After this potting the leaves turned yellow and dropped off. Can you inform us as to the cause of this?

R. P.

If the plants grew nicely in the flats and then dropped their leaves after being potted, there is no question but that there must have been something the matter with the soil in which they were potted or in their subsequent treatment. Not knowing the nature of the soil and whether the plants were treated as they had previously been, it is very difficult to state the cause of the trouble. If the soil was sour or contained too much fresh manure, the leaves would be very apt to act as is described. We should advise repotting the plants in good soil and in so doing remove all the old soil possible without injuring them.

W.

WORCESTER, MASS.—Mrs. J. E. Hoyle, cut flower buyer for the Denholm & McKay Co., has severed her connection with the house and has left for New York where she will reside.

## THE PERENNIALS.

### The Best Twelve Herbaceous Plants.

A florist recently asked the names of the best twelve herbaceous plants to carry in stock for his trade, all to be iron-clad as to hardiness, not liable to become weedy or die out after a year or two. It seemed the easiest kind of a proposition to reply right off, but when it came to the elimination of such as the delphiniums, peonies, Iris Germanica, garden phlox, Canterbury bells and foxgloves, with which all are acquainted, it was at once apparent that it required some thought to decide what to put in, and more to know what to leave out of the best dozen. Doubtless there are others who are wondering what to recommend that is good, and it is proposed to give the names of those selected, not that these are final, for they may be improved upon without doubt according to the fancy, soil or climate, but all are good and cover the season outdoors from early till late, and are easy of increase.

To begin the season we would plant the Virginian cowslip, *Mertensia Virginica*, the beautiful sky blue flowers appear so early in the year it is a welcome sight, and if planted where they can seed themselves, the plants soon

and is one of the best known garden flowers. The roots are very brittle to handle, should be planted early in the year or later in the summer after they have begun to die down. This *dienentra* does not produce seeds, at least we have never observed them, but roots are very easily procured at a low rate in fall and must be planted at once.

Much the best of all the columbines is the Rocky Mountain one, *Aquilegia cerulea*, and a mass of it is hard to improve on in early summer. It is true blue and white and seeds early, but if other columbines grow in the vicinity the bees are sure to mix them, but as no other columbine flowers so early as this one, with the exception of *A. Canadensis*, not often cultivated in gardens, we can get the strain to come true by gathering the first seeds that ripen. In this way we managed to keep it true for many years, and even improve the colors. There is always a tendency with the *aquilegas* to die out, but seeds sown when ripe will germinate freely the following spring; not many will come earlier.

The old *fraxinella* or "gas plant" is universally liked, and it looks best when both colors are planted together, red and white, and on dull days or summer evenings the flower spikes may be made to blaze up as a torch, seemingly without injury to the plant or blossom. This is due to the exudation



WREATH OF MAGNOLIA LEAVES, CYCAS AND LILAC.

become numerous. It is very difficult to save the seeds, as they ripen in succession like *mignonette*, and soon scatter if ripe. It is well to plant among grass if possible, and is beautiful when mixed with the poet's *narcissus*.

Next we have the old-fashioned "Bleeding heart." It is always popular

of a resinous gas, and the remarkable part is that after the stem is cut from the plant there is no more gas. This should be treated as a peony, given as much space and fed as well, also increased by division, as seedlings take a long time to reach the flowering age we never yet had the patience to wait and count the years.

The white rocket, *Hesperis matronalis*, is one of the most useful of cut flowers, especially if the white one is kept true. The purple one is of poor color and easily pulled out. It is hardy, seeds freely of itself and is invaluable about the time of Memorial day to the florist.

We get very few new hardy plants nowadays, but it is hoped that of the many fine things recently discovered in China some may prove as good and as hardy as *Incarvillea Delavayi*. It has foliage like an *acanthus* and this remains handsome all summer, a very desirable trait in any border plant. The tall spikes of *gloxinia* like flowers last a long time, too, in full beauty. Seeds are freely produced and if sown at once when ripe there will be little roots the size of *freesia* bulbs formed before winter. These can be kept dry during the winter in a cellar, planted out in spring, and the next year all will be of flowering size, fit to stand the winter outside. There seems no question as to its hardiness, and I have asked many, but all agree. There are some improved forms now and we may see the flowers much improved in the future.

The *campanulas* are a large family, of which we will adopt one in *C. carpatica*, both blue and white, as it is much the best of the dwarf growing species, makes a good border plant and flowers freely for a long time. Seed grows well and stock can be increased in this way sown under glass.

*Papaver orientale* is most too well known to need description, but a garden is not complete without it. Great care must be taken in locating it in the border, for its strong color kills everything else in sight for the time being. The deep blood red form known as *P. bracteatum* is the best and can be increased by root cuttings put in sand as *bouvardias*. It does not come true from seed. The pink forms sent out many years ago do not seem to thrive here, and this is a pity, for they are very beautiful, the color of a *Bridesmaid* rose. The perennial poppies need transplanting early in the fall. They start so early in spring it is unwise to move them at that time.

For a yellow lupine-like plant we can't get along without *Thermopsis Caroliniana*. This is a discovery for which we have to thank Jackson Dawson, for though it was in cultivation, no one seemed to appreciate its value until he showed them. It is well to give the plant support by staking, or high winds will blow it over and the spikes all come crooked just as they are about to open. It may be increased easily by seeds or division.

The cardinal flower is never seen to advantage except when cultivated in the garden or naturalized in masses where it is moist. Then the color in late summer is something to behold. There is a tendency for this *lobelia* to act as a biennial at times, but it seeds itself so freely as to be practically perennial in duration.

A good sunflower that does not spread and become a nuisance will be found in *Helianthus mollis*, another of Mr. Dawson's finds. There is nothing weedy in its appearance or behavior and can be readily increased by division. It is a native of the Southwest and does not seem to make seed in the north, as it blooms late in summer.

The last and perhaps the best of all is *Veronica subsessilis* with rich dark



WREATH OF ROSES.

ultramarine blue flowers lasting a long time in beauty and a mass of color late in summer when flowers are scarce, especially blue ones. This *veronica* needs a rich soil and plenty of room to develop after it has been planted a year or so. The only way to propagate it is by division in spring or to take the young shoots off as they appear outside and root them in a cool place in the greenhouse. A large percentage will grow treated in this way, but the cuttings must be taken off low down so as to get a portion below the soil.

The foregoing list is not to be considered final, and is merely the opinion of the writer, who, in the beginning, did not realize how hard it would be to leave out so many good things for the sake of the few named above, but certain it is that all these are good and may safely be carried in stock with no unpleasant aftermath. E. O. ORPET.

BROOKLYN, N. Y.—Charles Link has opened a flower store at 120 North James street.

PHILADELPHIA, PA.—George Redles, secretary of the Germantown Horticultural Society, delivered a lecture on wild flowers in the library room of the Association hall May 9, and an exhibition of plants, flowers and vegetables was also held.

BOSTON, MASS.—Articles of incorporation have been filed by Thomas F. Galvin Inc., florist; the capital stock is \$300,000, with the following incorporators, Thomas F. Galvin, Jr., Thomas W. Streeter, Lafayette R. Chamberlain, John W. Worthington, and Charles C. Dunn.

#### The Yucca and the Indian.

The Indian was the first American botanist, and of all our redmen those of the arid regions of the great southwest have exhibited the most remarkable sagacity in exploiting the secrets of the wild plants with which they have come in contact. One of the United States Government investigators has recorded the fact that out of about one hundred and fifty known species of plants indigenous to the Moqui Reservation in northern Arizona—largely a desert reservation—these Indians have utilized in one way and another, about one hundred and forty.

The remorseless Indian policy of the government, which is de-Indianizing the Indian at a rapid rate, has already destroyed so much of aboriginal practice that one has to travel far indeed into the wool of the wild west to find Indians who depend nowadays to any extent on the native plants. Fortunately, however, there are some of this sort left—the most numerous being the Navajos whose great reservation lies across parts of northern Arizona and New Mexico. They live a sort of patriarchal, pastoral life, dwelling not in villages but each family separately from the others, moving about from place to place as fancy or need dictates and driving before them their bands of sheep, goats and horses, in which mainly their material wealth consists.

Into our Arizona camp one showery morning two Navajo shepherdesses strayed, and after enjoying our camp fire for a while, one of them tossed



something from her blanket into the blaze and scraped some ashes over it. Two or three more of the same things followed and were similarly buried in the hot ashes. Each was the size and shape of a large butternut, and greenish white in color. By and by she withdrew them, and removing the charred skin, ate them, with evident relish.

"What are you eating, sister?" asked Bob, our guide, in her native tongue.

And she told him hosh-kawn—the Navajo word for the fruit of the widely distributed *Yucca baccata*, or Spanish bayonet, of the southwest.

It was August, and we had passed hundreds of the fruiting plants in our travels without suspecting them of edibility; but that day we made a business of gathering a quantity of the fruit and at night had a hosh-kawn roast. Bob said they had roast apples "plum skinned"; but to my notion, the flavor was rather that of sweet potato. At any rate, we thought them good, and they inspired respect in us for Navajo cookery.

That, however, is only the beginning of the story of the yucca's usefulness; for in some measure, the yucca has, in its time, been to the desert Indian what the date palm has been to the Arab. Besides furnishing food (the fruit is not only eaten green, but by some Indians is cured for winter use), the plant has a fibre of much value as a textile material, and in pre-Columbian times this was largely used in the weaving of garments, remains of which have been abundantly found in the ancient cliff dwellings of the southwest. I have myself picked up in the debris about such places, pieces of well-woven cordage made of the yucca fibre, which also served in the manufacture of prehistoric sandals. This use of the yucca has now been abandoned, but the foliage still supplies an important basket material; and in the hands of an artist, very beautiful effects are obtained by combining in the design leaves which have been dried green with others which have first been bleached or browned by the weather. The narrow leaved yucca, *Y. angustifolia*, which is indigenous to much of the territory where *Y. baccata* grows, is often cut off just below the root crown, bunched together and dried to serve as whisks or brooms.

The greatest contemporary usefulness of the yucca, however, lies in its long, thick root. This is highly saponaceous, and is greatly prized both by Indians and Mexicans as a substitute for toilet soap. The roots are grubbed up, cut into handy lengths, and crushed with an axe or stone. Rubbed up in water they make a plentiful lather, which is exceedingly cleansing and leaves a pleasant feel to the skin. In the ceremonial washings attendant upon the religious rites of the Indians, the use of commercial soap would be sacrilege, only yucca suds being permitted. Amole is the name by which their soapy root is known throughout the southwest, and its value has not escaped the notice of the enterprising American soap maker, to judge from a brand of "amole soap" which I have seen in the shops of civilization.

Among the Navajos, the yucca seems to have some mystical import, and the plaited leaves are used as face masks in some of their religious ceremonies. A dance, known as the hosh-kawn

dance, is practiced among them—a night ceremony, in which the development of the yucca plant from the barren clump of winter leaves, through its flowering stage, to the time of fruitage, is dramatically represented.—C. F. Saunders, in the American Botanist.

#### The Newer Montbretias.

Everybody who gardens at all must have been acquainted at some time or another with the older forms of the montbretia, their slender sprays and long, more or less tubular-inclined blossoms, which, never expanding to their fullest possible extent, preferred, apparently that their light should remain, as it were, "under a bushel." Today, as for a year or two past, this is an impossible thing, since we are brought face to face with a quite new and modern race of these plants, which, having thrown off the old yoke of bondage, reveal their fullest merits to all whom it may concern. Incidentally, too, this new state of things has added a greater wealth of flower-beauty to our gardens than would at first appear, says a writer in *The Garden*, since instead of the more tubular blossoms of former days, the inclination of the flowers of the modern race is to expand laterally, thereby creating a spectacular

dispensable because of their color, warmth and distinguished bearing in the late summer and autumn garden.

It is in the garden where they appeal to one most strongly, and where the color of leaf and stem and blossom combine to create pictures of their infinite wealth of beauty and charm. It is in the garden, too, that the elegant grace and profuse flowering of these plants are seen to advantage, and where the value of the greater stature and vigor—conspicuous attributes of the modern montbretia—are also seen.

For much of the beauty and vigor of this vastly-improved race our gardens are indebted to Mr. Davison, Westwick, near Norwich, who for years past has interested himself in these plants. Close observation, too, has caused him to evolve a common-sense method of cultivation well suited to the requirements of the plants. For example, in place of the old method of leaving the plants to form clumps in the border, the whole of the stock is lifted each year so soon as this is deemed expedient after the arrival of early frosts. Subsequently the plants are cleaned, dried and rested in a frost-proof shed or similar place for the winter, very much on the same lines as the gladiolus is treated for commercial purposes. From out of this



WREATH OF MAGNOLIA LEAVES.

display of color of which a few years before we had not even dared to dream.

Thus the raiser of such forms, while developing and expanding the flower to its utmost limits, has also placed it on a much higher pedestal than it was before, and, having by the same mystic wand imparted to it a decorative value of its own, has rendered it among the indispensable flowers of the year—in-

very simple method of treatment are obtained the finest vigor of growth, freedom from disease, and the most abundant flowering I have ever seen, a method so simple, that it may be followed by all. Not only are the plants rested, but an opportunity is afforded for cleaning, manuring and otherwise preparing the ground for another season's crop, the soil meanwhile being

prevented from becoming bulb-sick. Added to this method of lifting is the isolation of the plant when transferred to the soil, for to the individualizing of the plant is traceable much of the vigor to which I have referred. It is precisely the same method of culture which permits of the planting of dry roots in March and April, and which give such excellent results. Among the finest varieties are King Edmund, Lady Hamilton, Lord Nelson, Westwick, Hereward and Prometheus, the last the giant of the race in stature, giving deep orange, crimson-eyed flowers four inches across.

## WATER GARDENS.

### Notes on Aquatics.

The unusual lateness of spring and the ever recurring cold waves have delayed operations in all branches of horticulture. Signs of life, however, are again apparent in plants, shrubs and some trees, showing in some cases disastrous results from the severe winter. In many cases it will not be possible to note results on the condition of water lilies as they will not be visible on account of deep water and cannot be examined as other plants can, but there is little danger of any hardy *Nymphaea* suffering from frost providing there has been water of greater depth than the unusually thick ice that has prevailed the last winter. It is quite possible that some of the European and Asiatic varieties may have been frozen with no ill effects being apparent. They will bear freezing to some slight extent. But no American variety will and as many of our choicest *Nymphaeas* are hybrids of American and European parentage, it is too risky to run any chances in wintering over. So when planting or constructing ponds see to it that there is a greater depth of water than any unusual thickness of ice that may form in the locality.

In some cases natural ponds or others with sloping banks have suffered through the heaving of the soil by continued freezing and the crumbling away by thawing out on the surface followed by heavy rains before the sub-soil was thawed. All necessary repairs should be pushed to completion, and preparations be made for planting or renewing of old plantations. As soon as stock is found to be growing it will be safe to transplant or thin out where necessary. Plants of such strong growing varieties as *Nymphaea chromatella* and others of the *Marliacea* group, also *N. Gladstoniana* and *tuberosa* in variety after two or three seasons, require thinning out otherwise the leaves become much crowded and will push out above the water surface, hiding the flowers from sight. The flowers, too, will be much below normal size and deficient in color. The foliage is also liable to attacks of red spider in hot, dry weather. To obtain large, attractive flowers the plants must not be crowded and where they are grown in tubs or large boxes it will be found necessary to dig up the plants, renew the soil and replant. When doing this work select the strongest crowns, planting three of four in a box four feet square and one foot or fifteen inches deep. Use good, turfy loam and thoroughly rotted cow or barnyard manure, one of the latter to two of the former



CROSS OF CARNATIONS AND ROSES.

and if the soil has been composted several months so much the better.

In planting new ponds for a permanency the bed should be moderately rich but not composed of soil as rich as recommended for tubs or boxes. The depth of water can vary from two to four feet. There is nothing gained by having a depth of four or more feet, but where natural ponds exist of such a depth and it is desirable to plant lilies in them without altering the depth, do not try to plant the lilies there at once. Select the variety for the purpose and plant in large seed or bulb pans in good soil and place these in a convenient spot where the water ranges from one to two feet deep, and when the plants are established they may be turned out of the pans, soil and roots compact and put in deep water. No great skill is needed in planting. When the plants are ready they may be conveyed to the spot, using a raft, punt or boat, and simply placed in the water. Their own weight will keep them in the desired position and in a very short time the leaves will reach the surface and new roots will anchor the plants firmly in an incredibly short time. The disadvantage of planting in deep water is that the water remains colder much longer than shallow water and the plants are liable to get a check and not start to grow at once, but by starting

the plants in the shallow water in pans this is averted and there is no danger of the plants being disturbed as they are held in position by their own weight which is far better than tying bricks or any other weight to the roots to keep them down. I see no earthly use in placing the roots in wire baskets as advocated by our brethren across the ocean fifty years ago and still adhered to. Where it is possible plant the rhizomes firmly in water about two feet deep. In deeper water have established plants in pans as above recommended.

As to varieties, plant as taste or fancy may dictate but in so doing the inexperienced may err in selection of varieties and may be led more by the prices of certain varieties, endeavoring to get the largest number for a limited amount of cash. In natural ponds, where there is ample space, plant in groups of from five to twenty-five strong crowns; these should be three feet apart and the clumps should be some distance apart, depending on the size of the pond. In large ponds groups of the native varieties may be included with European and hybrids, but in smaller ponds avoid any representatives of the *tuberosa* section as they are too rank in growth and would in a few seasons choke the less rampant growers. If such varieties as *Nym-*



phaea tuberosa Richardsonii, N. Gladstoniana, N. tuberosa rosea and N. tuberosa rubra are desired, plant only the one variety in a small pond. These and all such types may be included in a large pond or lake.

In smaller ponds where plants are planted in tubs or boxes omit all of the tuberosa type, selecting European types and hybrids, planting one or three crowns according to the size of the box or tub. The native variety *Nymphaea odorata* is a universal favorite and a tub or box of it may be included in the collection, also the Cape Cod pink pond lily. But the stronger growing varieties are best planted in the natural pond. I have met persons who disliked any colored water lily, especially a yellow one, but the Florida water lily is yellow and although it does not take kindly to the northern states it is very beautiful where it can be grown and it thrives well in the vicinity of New York City. It should be planted in a pond by itself. In some sections of the country it takes possession of the pond and by its own peculiar mode of growth and reproduction it becomes a pest, though in Florida it is now becoming very scarce and is being smothered out of existence by the obnoxious water hyacinths.

As in other classes of plants there have been changes and improvements in types, forms and colors and the progressive florist must keep abreast of the times or he may soon be considered a back number. Novelties come high sometimes, but when a novelty has received the stamp of approval from horticultural and national societies its popularity is assured and its cost is usually a secondary consideration. I would advise intending planters in making a selection to include the latest novelties. They are a great advance over other varieties and will be standard varieties in the near future.

WM. TRICKER.

### Roses in Cool Temperature.

ED AMERICAN FLORIST:

Would you please give me a list of roses that will grow in a house where the night temperature falls to 50°?

SUBSCRIBER.

State of Washington.

Replying to "Subscriber," in reference to a list of roses that can be grown at a night temperature of 50° in the state of Washington, will say that most any of the commercial varieties can be grown as cool as 50° at night, providing the day temperature does not exceed 75°. At the same time they will produce very few flowers, hardly enough to pay, for they would have to be watered sparingly. In order to handle forcing roses profitably we would suggest the installation of a small hot water boiler. A few coils would enable him to increase the temperature at night to 58° to 60°, and the fuel consumption would be slight. He could then grow any of the indoor commercial varieties, such as Killarney, White Killarney, Richmond, Bride, Bridesmaid, American Beauty, My Maryland, Kaiserin; in fact, almost any variety. If he does not care to install the heating plant he can try the pink and white Maman Cochets, as they are about the easiest handled in the cool temperature. The small hot water boiler will soon pay for itself as better varieties can be grown and the maximum amount of bloom can be cut if the temperature is increased from six to eight degrees.

E.

## GREENHOUSER'S OBSERVATIONS.

### Liquid Manure in Small Places.

When visiting large establishments, where everything possible in the way of labor saving contrivances have been installed, the owners of small places are very apt to remark that such and such things are "mighty useful," "good stunts" and others, but "no use for small growers." This is frequently remarked of the liquid manure systems that are now seen on all well equipped places. The owner of a small place cannot, of course, install the elaborate and expensive manure "cooking" plants that we see in the mammoth cut flower growing places. They would possibly cost more than his whole greenhouse plant is worth, and be out of place into the bargain. But because he cannot do this exactly is no reason why he should do nothing and go on mixing his manure water in a barrel and lading it out with a tin dipper or a flower pot. There are better ways than this.

The ever present risk of severe frost prevents many growers erecting tanks at a sufficient height to supply from by gravitation, but when this cannot be done a small gasoline engine costs little to install or maintain, while the running expense is merely nominal. The engine can also be used for other purposes, such as pumping water, running a dynamo for light or power, sawing or other work, when not in use for forcing the manure water to the faucets. In this case the manure water tank should be in a frost-proof shed in a position where the manure,

system and very dangerous. Wasteful because the whole system has to be emptied of water before the manure can be used and vice versa—dangerous to the health of employees who will drink from the water faucets. Then, when more than one house is supplied from the same system, it may be necessary to spray in one section while the manure water is being used in the other. There is always, too, the danger that a hose may be laying filled with water and ready for use for spraying as well as some water in the pipes. The grower will begin to spray, and before he is aware of it has squirted a few gallons of liquid manure on some tender foliage, or at all events where it is not wanted and may do great harm. No matter how small the place or how large, be sure and have separate piping systems for the liquid manure and the clear water.

Where the expense of building a tank and providing a manure water system is too great, there are several makes of pumps on the market that, attached to the ordinary water supply, create a suction that draws liquid manure from a tank and delivers a mixture of manure water and clear in equal proportions. We must admit we are not well acquainted with their use, but we have seen them used over quite large breadths of carnations with, apparently, good success and they are also useful for pot plant feeding. But in many cases a large concrete or cement tank, to hold 1,000 gallons of manure water, may be constructed in such a



SPRAY OF ROSES AND NEPHROLEPIS WHITMANII.

either natural or artificial, can be conveniently handled. In southern points where frost of sufficient severity has not to be feared, an elevated tank is all that is needed, the pipes being laid from this to the benches in exactly the same manner as those for clear water.

Here we would like to warn growers against using the clear water pipes for the dual purpose of supplying liquid manure and water. It is a wasteful

position that manure can be easily got to it and the water either pumped out or dipped. For small places this meets all requirements and is satisfactory all around. With the manure water at the proper strength, a good deal of watering can be done in a short time by cheap help, but more than ordinary care is needed to keep it right. And it is always better to err on the side of weakness rather than strength.

### Making a Market.

There is usually a demand for everything that can be grown at all of the principal holidays and special occasions throughout the year and at such times the retailer has no difficulty in disposing of all he can lay hands on in the way of cut flowers or plants and at good prices. But although he looks on these holidays as his harvest and thinks he could not do business without them, the high prices that prevail are by no means an unmixed good. Growers, anxious to participate in the good things while they are going, are often tempted to hold back stock with a view of a big lot to send in the day or two before Christmas, Easter or other special occasion. The customer has to pay a high price and finds the flowers do not last more than a day. This gives said customer a jolt that lands him as far away as possible from a flower store and he keeps away until he is forced to go there. Had he been able to purchase good flowers at a reasonable price he would probably become a regular customer and his flower bill at the end of a year would be far higher than it is.

As for us the rise in prices is caused by the natural law of supply and demand it is legitimate and a good thing for all concerned, but the endeavor to boost prices to a prohibitive figure is wrong in all counts. But this ground has been covered so many times that it is useless to go over it again. A far more profitable field for thought is how to make a market between these special occasions to take care of the every-day stock and prevent gluts. We are not now concerned with the big men in the retail trade. Judging by appearances and by the number of automobiles purchased they are well able to look after themselves. And in any case they are not likely to be influenced by the opinions of an outsider like "Greenhouser." But there is no doubt that many retailers, in the small towns more particularly, could, by persistently showing their patrons what they have at all seasons and letting them in on a good thing in the way of a bargain when flowers are plentiful, make a market as an outlet for a very much larger amount of stock than they do.

We know of several men who grow their own stock for retailing that will keep the flowers on the plants until they wilt rather than set a low price for a time or even cut them and show them in the windows. It seems to us the height of folly and waste to grow a plant or a supply of flowers for cutting and let them stay and rot in the greenhouses, when at least they would prove to the world at large that flowers could be had at the store were they cut and shown in that store. We also know of another stamp of man similarly situated who cuts everything and sends every plant to the store and at least exhibits it to the passers by even if he doesn't always sell it. And friends that is the man who is winning out and who is going to win out.

This latter class of man, if he has a lot of stock on hand and hears of a charity bazaar or some other such diversion of the society people in his town, sends a supply to be sold for "sweet charity" and he is careful to let the people know who has sent them too. Good business, not only for himself, but for the flower trade generally. There are certain people who like to pay high prices—by all means let them

and get all that is coming, but don't give the general public the idea that a man who keeps a flower store is next door to a highway robber. Show the man in the street that he can buy a bunch of violets for his wife or sweetheart without spending the whole of his day's pay for them, and that if he wants to stand a plant on his table or

We think we are well within the mark when we say that anyone with a spark of horticultural knowledge could successfully manage the propagation of a house of roses after reading "E.'s" notes and the paper should be preserved by anyone who has work of this kind in prospect and is not quite sure of his own skill. GREENHOUSER.



WREATH OF SWEET PEAS, LILY OF THE VALLEY AND FERNS.

in his window he can do so without having to take a mortgage on his furniture. The love of flowers is innate in every man and woman of ordinary intelligence and the sooner the florist shows the way to gratify this longing and this taste for the beautiful in life, without causing too great a drain on the pocketbook, the better for growers, retailers, customers and all concerned.

### Rose Propagating.

Gratuitous advice is seldom valued indeed that which has to be paid for is not always appreciated. We have all heard of the bibulous Scot who was advised by his doctor to quit his whiskey and demurred to paying for the doctor's advice on the ground that he was "not taking it." But we would like to advise any young grower who is interested in knowing how to do things properly. I read thoroughly the excellent article by "E." on page 53 of THE AMERICAN FLORIST, issue of February 4. For a long time we have read the instruction and readable articles by this careful teacher who, without being stilted or didactic, manages to compress into his writings a world of useful, practical advice that is invaluable to the inexperienced grower. Year after year he carefully and completely runs the gamut of the culture of our most popular flower in these pages, yet there is always some fresh point in his work, some new way of putting an old truth that relieves his writing from any taint of sameness.

### Cleveland Notes.

Spring fever and planting out had a restraining influence on the Cleveland florists, but over seventy-five couples lustily followed the strains of the Johnson orchestra until after midnight May 11, at the Chamber of Industry. This was the first dance given by the florists for a number of years and was a success in every way, other entertainments being participated in by those who did not care to trip the fantastic toe. Beautiful gowns were worn by the ladies, the hobble skirt figuring very prominently, while most of the men were in full dress. F. A. Friedly, the heart and pulse of the affair, in very humorous manner introduced floor manager Knobbe. About midnight the party marched downstairs to the banquet table where a seven course spread was enjoyed. The tables were very tastefully arranged by Mrs. Friedly and the members of her committee. The expressed wishes to repeat gatherings of this kind at Euclid beach this summer were many, as they help to bring about a better acquaintance among the trade.

Frank Danzer of Detroit passed through the city on returning from Ashtabula, and visited the florists.

A. Miller was a visitor with the trade and was fortunate to be in town and participate in the folly. A. M.

SAN ANTONIO, TEX.—The largest crowd in the history of the spring carnival, estimated at 150,000 people, witnessed the annual flower parade and battle of flowers on San Jacinto day.



**Elitch-Long Flower Show, Denver, Colo.**

A new and unique departure in the floral business was inaugurated in Denver, Colo., this year. The Elitch-Long Co., wholesalers and retailers, gave a flower show which attracted wide attention and enormous attendance, incidentally firmly establishing this five-year-old concern on the map of floriculture business. The Elitch-Long Co. owns and operates Elitch's Gardens, the leading amusement resort of the Rocky Mountain metropolis. The resort contains some sixteen acres, and for a score of years has been the storm center of Denver's best attractions in summer amusements. An all-star stock company is maintained in the big theater during the summer months, while every other diversion to be found in first class resorts is provided. Thousands of bedding plants are used each year in beautifying the grounds, and these have always been supplied from the company's greenhouses, which were originally installed for this purpose only. So many applications were received each year from admirers of flowers in the various gardens and landscape plots, that five years ago the management decided to enter the field as florists. Additions were accordingly built to their greenhouses and business was started in a small wholesale way. Success attended the venture from the first, and within two years the company was a formidable factor in the wholesale trade of that section. Then followed the establishment of a retail store in a central down-town location.

It is an old and true saying that daily newspapers will print stories dealing with new ideas and innovations, regardless of how much of an advertisement such stories may carry to the concern in which they originate. This rule held good in the case of the Elitch-Long Co.'s flower show, which was held April 9 and is herewith illustrated. It was staged in the theater inside the grounds, the entire parquet, orchestra pit and stage being utilized for the display. The whole interior of the theater was one solid bank of blooms, so artistically arranged that visitors in attendance on the show fairly gasped with surprise and admiration.

The event was held on a Sunday and it had been announced as free to all comers. On Saturday, the day before the show, each of the five Denver dailies sent photographers and special writers to the scene, and the following morning their pages teemed with pictures and descriptive stories. The result was that over 15,000 persons visited the display and carried away with them impressions of the most lasting sort, chief among them—from the company's standpoint—being the fact that the Elitch-Long concern was conducting an enormous floral business, and that their products were being admired by an appreciative public. The real advertising value of such impressions, as all dealers know, was inestimable. It was in every sense a clever business stroke and proves that any business of relative magnitude may be stimulated by an original idea along the lines of judicious advertising.

**HOLYOKE, MASS.**—George H. Sinclair has purchased the Collins farm in Smith's Ferry, comprising 41 acres.

**THE CARNATION.****Planting Out and Spring Work.**

With the beginning of May, the young stock is in its place in the field, and one period of great activity to the grower will have passed into history. But the history of the present season will include the fact that winter seems to have lingered in the lap of spring for a much longer time than usual for with snow on Palm Sunday, snow flurries on Easter Sunday, and frosty nights continued through the first week of May, there is but little time left for real spring weather before summer is due. These conditions will, however, have but little effect on the young carnations, provided that they have been given rational treatment in the houses in preparation for planting outdoors, this treatment including full sunshine and abundance of fresh air, both day and night, thus ensuring a stocky and short-jointed growth with a vigorous root system, and in brief, such a healthy, vigorous young plant as is absolutely required as a foundation for the flowering stock of next winter. It is but a short period in which these young plants are grown on, and this makes it the more necessary that one should have an early start in propagating, for the early rooted stock gives an opportunity for early topping, and by this means well-branched young plants are prepared by the time the weather permits of their being planted in the field.

will do much for the betterment of the crop. Then if the beds are laid out in convenient widths so that cultivating, or hoeing and weeding, and also topping may be done easily, much will be gained in the general result. The main thing about these simple operations of culture is to do them at the right time, that is, to hoe or cultivate often enough to keep the surface of the soil loose, to dispose of all weeds before they have a chance to crowd the plants or to rob them of moisture and nourishment, and to go over the beds as frequently as may be needed for topping. It is also a good practice to keep down either grass or weeds surrounding the carnation field, from the fact that on the surrounding vegetation is frequently developed a crop of insects that may attack the young carnations, this danger being especially present during dry seasons, when many weeds become infested with red spider and thrips. If one plants out clean stock, and keeps it free from infection so far as possible in the field, there is much less chance of having a long fight in the autumn to rid the plants of insects after the carnations are housed.

There is also needed frequent attention in the houses at this season, for there are several weeks more work before the old plants yet, and many flowers should yet be cut for Memorial day and the June weddings before the season ends. This means that plenty of water will be needed to keep the plants in a growing condition, for the beds are now, or should be, a mass of active roots, and the combination of



**CARNATIONS AT N. GREIVELDING'S, MERRILL, WIS.**

The Soil without Change Has Grown Carnations for Five Years.

That the ground should be well prepared for the reception of the young carnation plants has been so frequently mentioned that it would seem that everyone should know it, but for the benefit of the inexperienced, and it is for their benefit that these notes are written, it may be repeated that moderate manuring, preferably the season before the ground is to be used for carnations, then deep plowing, followed by thorough harrowing and pulverizing

sun and wind that is frequent at this season evaporates quantities of water every day. Any bare borders should be promptly given a mulching of old manure, to save them from drying out quite so rapidly, and a light shading syringed upon the glass will help greatly in keeping down the temperature on bright days, and also in saving or improving the color of the flowers. The majority of shades of pink and cerise fade more or less under the direct rays



THE ELITCH-LONG FLOWER SHOW, DENVER, COLO. APRIL 9, 1911.

Mrs. Mary Elitch-Long in the Aisle.

of the sun, and even scarlets become dull under the same influence, while all are likely to lose in size when exposed to the summer sun, and therefore a little shading is to be commended, but at the same time keeping in mind the fact that too heavy a shade will make both growth and flowers soft.

Syringing in order to dislodge those colonies of red spider that are liable to get a foothold among the thicket of growth at the base of the plants will be in order once or twice a week at this season, while spraying with nicotine solution will still be required to avoid injury to the crop by either thrips or aphids. Buds form with great rapidity at this season and disbudding must be attended to frequently, thus providing a useful occupation for the grower's spare hours, if he has any.

W. H. TAPLIN.

#### Growing Carnations in Old Soil.

The continual expense entailed upon a greenhouse establishment in renewing the soil every year is a great factor in the financial part of the business, and we frequently hear of those who are successfully growing their crops in soil that has remained in the houses for a number of years. Understanding that W. Greivelding of Merrill, Wis., was producing a first class quality of bloom in beds the soil of which had not been renewed for five years, he has furnished us with the methods of cultivation which he has adopted as well as an illustration of the carnations as they are seen growing in his houses.

The plants are grown in beds with sides 12 inches high and in order to

supply drainage, under some of the beds a ditch was dug which was filled with stone, but as the under-soil seems to drain the water well enough no difference was noted between these and the beds which were not so prepared. After the carnation plants are thrown out about July 1 the beds are cleared of all rubbish and then spaded over and left rough, just as the spading leaves it, for 10 days to dry out, when it is again spaded and allowed to stand another 10 days. It is then smoothed over and well watered, and as soon as it can be worked, an inch and a half or two inches of manure is spread and again spaded that the manure may be well mixed in, after which it is ready for planting. Mr. Greivelding uses no liquid manure but the plants are mulched with lime, hardwood ashes, sheep manure, bone, dried blood and a little sulphate of potash in rotation, beginning in February and given the mulch every two weeks, and sometimes in spring all the different fertilizers are incorporated in one mulch. That the plants do not take up all the fertilizers given is shown by the growth in the older beds, some of which have soil that has not been renewed for five years, for the plants in these beds are doing better than in the others which were started two years later. The first year the bed sometimes shows a green scum that comes upon the surface and a little of this will also appear the second year, but after that the beds are always clean and entirely clear of it. There are about 5,000 plants in the houses and as seen in the illustration have made a fine growth and are producing good flow-

ers. The following varieties are grown: Mayday, Mrs. C. W. Ward, Dorothy Gordon, Alma Ward, White Perfection, Enchantress, White Enchantress, Rose Pink Enchantress, Victory, O. P. Bassett and J. Whitcomb Riley and all are doing well except the last two. Chrysanthemums are also grown in the soil that has not been renewed for five years.

Mr. Greivelding is a native of the Grand Duchy of Luxembourg and came to America in 1892, going to La Crosse, Wis., and entered the employ of the Salzer Seed Co., where he worked for seven months and then started for himself at Sparta. Here he remained for five years and selling his place, moved to Merrill and built two houses. Three years later this place was sold for the erection of the \$125,000 court house and he started to build the place he now occupies, which contains about 12,000 square feet of glass, with the material on hand to build more. He is enthusiastic on carnation culture and has a number of very fine seedlings, one of which is an oddity in that it has a double calyx which cannot possibly split. This by cross-fertilization he now has in three colors. The flowers which he raises are all for home use, and he has adopted a plan in growing his carnations that is at least very novel. In disbudding a bud is left on the stem two or three inches below the terminal bud and then in case the orders are for funeral work the short stem flower is picked, or, as is sometimes the case the demand slackens, the top flower is removed and another chance to make a sale of the long stemmed flower is thereby obtained.



### The Carnation.

Paper read before the Morris County Gardeners and Florists' Society by Wm. E. Tricker, at Madison, N. J., March 8, 1911.

The carnation today is the most popular flower in existence, a serious rival to even that of the rose. It is surprising when one considers their various effects and the uses they occupy. It is a flower that is practically within the income of all classes. There is hardly any purpose to which they cannot be used: the dinner table, weddings, hospitals, presentations and also when we come to shuffle off this mortal coil.

Many of us look upon the carnation as a comparative new arrival, a flower that during the past two decades has run hard and gained practically the same, or even more, recognition than the rose. Many of us are apt to forget that the carnation has been in cultivation upwards of 2,000 years. Certainly the carnation, or gilly-flower, as it was then termed, would appear insignificant beside its progeny of today. Our greatest poet, Shakespeare, speaks of the carnation in one of his poems as the "Flower of the season." We read and learn from our one or two carnation pioneers that the American carnation originated about 60 years ago on Long Island, not gaining much headway until 1890, when John McGowan introduced Lizzie McGowan; Dörner, Mme. Diaz Albertini, Wm. Scott; Hill, Edna Craig, Helen Keller and Fred Dörner. One of our most successful originators is Peter Fisher, who introduced Mrs. T. W. Lawson, which was sold for \$30,000, and following afterwards with Enchantress, the only carnation that has stood the test of time with our growers, wholesalers and retailers of the present day. When I look back 22 years when Lizzie McGowan, Albertini, William Scott and Helen Keller were grown, a two inch flower was considered the limit, and many a grower would puff out his chest if he espied one just a shade larger. It is also quite amusing when I think how in many cases we used to let three, or even more, buds develop on one stem, picking each bud short stem, and in many cases just the calyx stuck on a toothpick. We would send them to the begging wholesalers and net more than we do now for our best flowers.

Today we have varieties such as Dorothy Gordon, the Enchantress family, White Perfection, Mrs. Patten, C. W. Ward, Mrs. T. W. Lawson, Pink Delight and Harlowarden. Some do one or two varieties well, while they fail in others, therefore we have some recommending one or two varieties, and others recommending others. Then with this year's distribution we have White House, the prince of whites, and Princess Charming, the queen of pinks. Regarding Princess Charming, the improved Enchantress, we go so far as to say that Enchantress will meet its Waterloo, before many more months have passed; never splits under various conditions of weather, and certainly this past winter has been a true test. We like it so well that we shall plant all the stock we can. Both Charming and White House are good shippers and well worthy of the recommendation they have borne. These varieties are certainly an improvement on previous introductions. Of this year's batch there is also Washington,

the improved Lawson, White Wonder, Gloriosa, and while speaking here on novelties, I would just like to mention the new variety called Wodenethe. It is going to take all before it next year. Most of you have heard of it. Now, compare Lizzie McGowan with this variety, and you will form a clearer idea of the strides in 20 years. It has been claimed by authorities the greatest carnation in existence. Just think,—we have cut several flowers,—I won't say all of them—just a shade under five inches across and three inches in depth, with a strong stem three to four feet long. This variety was scored 93 points by the New York Florists' Club committee, so you may be assured of its value. I wish you all could have seen it the day it was judged.

Now, talking about varieties, etc., is not growing them, and I prefer to grow them than write or talk about them, but as you have asked me to write these few notes, I feel somewhat indebted to you all, and to those who have not had the various experiences, as a few of our worthy members have, I may state it is no sinecure to grow successfully the carnation. While we do not profess to always have a lot of first class flowers at our greenhouse, we certainly make a specialty of having the young stock in a proper condition to ship to our customers all over the world. With just a few cultural notes it is hardly necessary to go into details. As you all know, the cutting bench should be filled with clean, close sand, thereby when the cuttings root they have plenty of sand

planted into the benches. From then on is a most critical time. A wet summer will invariably cause a lot of stem rot, which can be very much checked by blowing slacked lime with a sulphur bellows in between the plants. After planting they should be kept sprayed three or four times a day until properly established, keeping plenty of ventilation on but do not allow a direct draft.

As regards supports, some people prefer the round wire supports, which are very useful in private places, but where one has many to handle it is better to use the long wire, and thread them through crossways with string. There has always been a difference as regards to what temperature carnations should be kept. I find that all white carnations will stand more heat than colored ones. The temperature should never, on any occasion, be allowed to drop below 50° at night and 60° day temperature, and whites will take five degrees more. The benches should never be allowed to dry out. By so doing when you water them, it gives too great an impetus to the plants, thereby causing a considerable number of splits. I don't believe any person ever lived who can prevent splits. It can be helped somewhat by watching closely the temperature, but one cannot rule the weather, and you will always notice after a period of dull weather you get two or three bright days and 50 per cent of the flowers split.

As regards various pests, red spider is about the worst but this cannot very well be avoided in dull weather. One



WREATH OF CARNATIONS AND ROSES.

to cling to. The old idea of gritty sand is misleading. Then they should be potted up in 24-inch pots in beds or bench, and after being sufficiently established, they should be pinched back hard, and worked along in that condition until July, at which time they are

is afraid to syringe on account of getting rust, and if he don't syringe he will get filled up with spider. A good strong application of aphine will eradicate red spider. Fumigation should be resorted to in case of aphids. I find a little tobacco powder and red pepper

the best. As regards rust, the Aphine Mfg. Co. has a new solution that eradicates rust. I am glad to say that we are seldom affected with either of the two pests.

I would just like to mention here, from a shipper's point of view, how hard it is to please everybody. A lot of growers will invariably buy the cuttings out of the sand. They have them expressed to them, and perhaps on arrival they lay around a few hours, then they are taken and potted and very often placed in a bright house with no papers over them. If people will buy rooted cuttings, they must expect a certain amount of loss. One cannot guarantee, under the best of conditions, that they will be all right after their transfer to perhaps an entirely different continent. Speaking of this reminds me, we sent orders of 3,000 carnations to W. W. Wells, in England, and they were delayed. In addition to the ordinary voyage, ten days and we had word to say they were in fine condition on arrival and not one cutting lost. We had the same report from Germany. This is very encouraging, especially when others are shipped twenty miles and the consignee loses practically all of them. My advice when buying rooted cuttings is to pot them up in moist soil and place them in a north house for a week, afterwards they can be brought out in the sunshine, and you will find that your percentage of loss is very small.

#### Mothers' Day.

The increased demand for white flowers and especially white carnations on May 14, the day selected as Mothers' day, on which to commemorate the best mother that ever lived, one's own mother, is reported from all over the country, from large cities and small towns, whether preparatory work in advertising had been done or not. Miss Anna Jarvis of Philadelphia, the originator of the day, has always advocated the wearing of white carnations, which was her mother's favorite flower, but the demand has become so large that the supply of white carnations is inadequate, and the idea has been advanced which seems to be a very good one and easily adopted, that the white carnation be worn to commemorate the departed mother and that the colored carnations be worn to honor the living mother. Miss Jarvis solicits correspondence upon the observance of the day and would no doubt be willing to adopt and advocate the wearing of colored carnations to do homage to the living mother.

The following letters conclusively show what a little enterprise and advertising will do to advance the trade and how enthusiastically the public has responded to the beautiful sentiment embodied in Mothers' day.

#### MOTHERS' DAY IN CLEVELAND.

The florists of Cleveland are just recovering from the greatest surprise they have ever experienced—Mothers' day. Some of them expected much; they all received more. The Flower Club, an organization of Cleveland florists for advertising purposes, had charge of the advertising of Mothers' day. They had banners printed to hang on express, florists' delivery wagons, etc. Banners for street cars, cards to use in the store windows, they had liner advertisements in all the papers. They had the mayor issue a Mothers'



A BOXWOOD WREATH.

day proclamation, and the result of this kind of advertising was seen Saturday and Sunday when there was not near enough stock to go around. The main call was, of course, for carnations, with white away in the lead.

THE J. M. GASSEE CO.  
AT COLUMBUS, O.

Mothers' day trade was very good. All the white carnations in town were gone by four o'clock Saturday afternoon, and everything else in white by closing time, with a lively trade in colored flowers of all kinds. Let the good day continue and also work up a Fathers' day for colored carnations.

THE LIVINGSTON SEED CO.  
ANOTHER OHIO CITY.

Bellefontaine is a beautiful city with a population of 8,238. We inserted this advertisement in the two daily papers: "Wear a White Carnation in Honor of Your Mother Next Sunday. We have made arrangements with our growers so as to have enough white carnations to supply the demand. All customers served promptly Saturday and Sunday." And we also placed cards in our store window calling attention to Mothers' day. We sold on Saturday and Sunday 1,275 carnations, the largest sale of this flower ever made in Bellefontaine, and could have sold many more.

STELZIG FLORAL CO.

In Canton, O., Mothers' day was observed in many of the churches, the pastors taking for their texts portions

of the Scriptures referring to mothers and the day was generally observed in the city. The Brown Floral Co. distributed 4,000 carnations among the churches, hospitals, jails and old ladies' home on Saturday afternoon. In the hospitals the patients' rooms were decorated with these and in the churches they were presented to the mothers present.

The florists of Des Moines boomed Mothers' day by advertising in the city papers. The Iowa Seed Co. has a large advertisement with a cut of both white and colored carnations and the matter descriptive of the observance of the day. The Guthrie-Lorenz Co. and the Des Moines Seed Co. both inserted advertisements. All three suggested 'a white flower for mothers' memory, a bright flower for mothers living.'

Mothers' day trade in Grand Forks, N. D., was much larger than ever before, says E. O. Lovell. The supply of carnations did not begin to meet the demand, and other flowers were much in evidence, especially roses.

From Cheyenne, Wyo., C. H. Garwood writes that Mothers' day was well observed there. Seven of the churches bought flowers to give away as has been their custom each year in the past.

Penn the Florist, of Boston, placed a large advertisement in the daily papers with a cut of the mother and suggesting 'white flowers if mother has passed away; bright flowers if mother is still in the home.'



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico \$1.00  
 by air; Canada \$2.00; Europe and Countries  
 in Postal Union, \$2.50. Subscriptions  
 accepted only from those in the trade.

When sending us change of address always send  
 the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has  
 accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier  
 if possible), as we go to press Wednesday.

We do not assume any responsibility for the  
 opinions of our correspondents.

THE AMERICAN FLORIST,  
 440 S. Dearborn St., CHICAGO.

THIS ISSUE 72 PAGES WITH COVERS

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THE National Flower Show guarantors received checks last week in full payment of their contributions to the guarantee fund.

REPORTS from many sections indicate that Mothers' day has become a popular institution and an important factor in the flower business.

## Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

## New York Horticultural Society.

There will be an exhibition held by the New York Horticultural Society in the Museum building, New York Botanical Gardens, Bronx Park, New York, May 10-11. Premiums are offered for flowers of herbaceous plants, shrubs and trees, tulips, narcissus, gladiolus, campanulas, and wild flowers, and for plants of pelargoniums and campanulas. A premium list may be secured by addressing the secretary, Geo. V. Nash, Bronx Park, New York.

## National Council of Horticulture.

The sixth installment of the press service of the National Council of Horticulture includes "Vegetable Garden Hints," "Watering Plants," "Chrysanthemums Out-of-doors" and "How to Grow Asters." These articles are furnished, free of charge, by James E. Burdett, secretary, 1620 E. One Hundred and Fourth place, Chicago, to editors and the press. Florists and seedsmen should see that their local papers obtain and publish them, for they promote an interest in horticulture.

## Is the Hyacinth Poisonous?

A sharp controversy, in which the flower-loving public has become interested, was started by the publication, on April 16, in the Boston Journal, of the statement that City Forester J. Henry Sullivan of Boston had condemned the hyacinth as being poisonous and had stated that the plant tainted the surrounding soil. This assertion Mr. Sullivan now denies but it has caused the writing of articles and discussions upon this beautiful plant and its characteristics, some stating that the plant has poisonous properties while others as boldly assert that the bulbs can be handled without any danger, and that there is no chance of tainting the soil. Great care should be taken to set the public right in matters of this kind, for these erroneous statements often work injury to the business, and the hyacinth is one of our most beautiful spring flowers, a great attraction in our spring bedding, and very popular as a forced winter bulb.

## Live Issues.

From this on our rose-growing scribes will have to alter their modes of writing. Wallace R. Pierson in his essay before the American Rose Society at Boston laid stress on getting soil from low land, that had been covered some time with water. How things do change. We had been taught that soil from high land was the only safe soil, and that soil from lowland was a breeder of eel worms. We all know that the richest soil is that taken from land at the lowest point, as the rain and melted snow carries down the most of that which is put on the upland, which the lowland holds. Of course, Mr. Pierson referred to grafted stock.

The most of us remember the interesting letters of J. N. May and Robert Simpson in THE AMERICAN FLORIST some years ago on grafted versus own root roses. Those two giants wrote mighty interesting letters. Mr. Simpson, who gave us the art of the present day grafting system, is good for many years yet, and by the looks of Mr. May at the Boston Show he is one of the young old-timers. Since the Killarney

craze there are some growers going back to own roots plants. They claim they can get more blooms to the plant with better stems and longer flowers, but if grafted stock can be grown with such quality as shown by A. N. Pierson Co., of Cromwell, by all means plant it.

An editorial in Power, April 25, is interesting. In part it says: "In the production of power the cost of the fuel is in most cases the largest single item in the expense account, and any percentage of reduction in this means more than an equivalent made in any other way. There is more attention, intelligent and otherwise, being given to the boiler room of the modern power plant today than to any other one department. It, however, seems strange that men who use good business judgment in every other department of their business are so indifferent to the results obtained in the burning of fuel." The latter statement very aptly fits the average florist. I believe more coal is wasted in the florists' places in the production of steam than in any other business. As one big grower remarked to me last winter, "I am burning more coal than I ought, but I don't see where the leak is." That is about the average answer one can get. Mac.

## American Gladiolus Society.

The following special premiums are offered by the several donors for the exhibition of gladiolus to be held in Baltimore, August, 1911:

Vaughan's Seed Store, silver cup, best and largest collection of blue shades in lots of six separate colors, not less than 25 spikes.

M. Crawford, 50 bulbs Gladiolus, White Lady, best six spikes any white variety.

P. Henderson & Co., \$10.00, best 12 varieties not now on the market.

W. Atlee Burpee & Co., \$10.00, best collection 10 varieties, six spikes each.

E. E. Stewart, \$5.00, best vase of 12 spikes Gladiolus Golden Queen.

E. E. Stewart, \$5.00, best vase of 12 spikes Gladiolus Pres. Taft.

B. F. White, \$5.00, best vase new seedlings, not less than 25 varieties never before exhibited.

E. H. Cushman, \$5.00, best vase of 25 spikes of one white variety.

A. T. Boddington, \$5.00, for best vase of any named yellow variety.

John Lewis Childs, \$10.00, best collection Childs varieties, three spikes each.

Gardeners' Chronicle, challenge cup, for exhibit containing the largest number of standard named varieties, correctly labeled.

Stump & Walter Co., \$10.00, best collection, 15 varieties, three spikes each.

B. Hammond Tracy, silver and glass vase, for best table decorated with gladioli, table to be laid for six covers.

N. L. Crawford, \$5.00, for best centre piece for dining table.

Henry F. Michell Co., silver cup, best 25 spikes of Gladiolus Kunder's "Glory" exhibited in one vase.

## AMATEUR CLASS.

W. E. Kirchhoff Co., gold medal, best display Gladiolus Princepine.

Montague Chamberlain, silver cup, best six named varieties, one spike each.

John Lewis Childs, \$5.00, best vase of America, not less than 12 spikes.

A. T. Boddington, \$5.00, for best collection of yellow named varieties exhibited by an amateur.

J. M. Thorburn & Co., silver cup, best collection of primulinus type and hybrids.

L. Merton Gage, \$5.00, best six varieties of blue gladioli exhibited in one vase. L. MERTON GAGE, Cor. Secy.

## Meetings Next Week.

Baltimore, Md., May 22, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.  
 Cleveland, O., May 22, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2510 Detroit avenue.  
 Hartford, Conn., May 26, 8 p. m.—Connecticut Horticultural Society.  
 Lake Forest, Ill., May 24, 8 p. m.—Horticultural Society of Lake Forest, Council Chamber, City hall.  
 Norwich, Conn., May 22.—New London County Horticultural Society, Buckingham Memorial.  
 Toledo, O., May 24.—Toledo Florists' Club.

## Wants, For Sale, Etc

**One Cent Per Word, Cash with Adv.**  
**For Plant Ads., See Ready Reference Section.**  
 Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—Young lady wishes to secure a situation as cashier or saleslady in a fruit store in Chicago. For further particulars address Key 443, care American Florist.

**Situation Wanted**—Neat appearing young lady wishes to secure a situation as saleslady in a Chicago flower store. Experienced. State wages when writing.  
 Key 449, care American Florist.

**Help Wanted**—Young men, experienced at growing vegetables, and small fruit; private place; state wages. Address  
 P. G. PEARSON, K. K. No 1 Moline, Ill.

**Help Wanted**—Young men from 16 to 20 years of age as helpers in rose sections, who have had some experience in tea roses, salary paid according to ability, etc.  
 Plant B. Morton Grove, Ill.

**Help Wanted**—Five live salesmen acquainted with the Florist, Nursery and Seed trade. Must have first class references. Apply by letter only. Stating qualifications in first communication. Address Key 451, care American Florist.

**Help Wanted**—Practical florist, single, for private and commercial work; wages, \$45.00 and commission on sales; board, room and laundry furnished; must give reference as to ability and character.  
 OXFORD RETREAT, Oxford, Ohio.

**For Sale**—3 greenhouses and 8 room residence; a bargain. DEAL'S GREENHOUSES  
 OWASSO, MICH.

**For Sale**—A good paying greenhouse in leading southern city; large stock. For particulars address Key 437, care American Florist.

**For Sale**—New double strength glass, high quality. 50 boxes 16x24 S. B. at \$1.95 per box; 60 boxes 16x24 D. S. B. at \$2.10 per box.  
 J. V. DAVIS, Davenport, Iowa.

**For Sale**—6 greenhouses, 10,500 sq. ft. glass; steam heat, country seat of 6000; no competition; fine location; good cause for selling; 10-room residence; write me if you want a location cheap. Terms to suit.  
 W. BRISCOE, Tipton, Ind.

**For Sale**—4,000 feet of glass; hot water heat; city water; with or without dwelling; fine location in northern Illinois; city of 50,000; value increasing rapidly; a bargain.  
 Address Key 441, care American Florist.

**For Sale Cheap**—Failing health; 9½ acres with 2 greenhouses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile; 20,000 population.  
 N. NAY, Second Avenue, Appleton, Wis.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOCK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale**—Greenhouse of 3000 sq. ft. of glass, need enlarging in N. E. Nebraska; good cut flower and design trade, over 20 miles west and north, no competition. R. K. center; cause advancing age. Address  
 Key 446, care American Florist.

**For Sale**—Sunnyside Greenhouses for sale; on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. Jno. S. SCHLEIDER,  
 OWASSO, MICH.

**Wanted to Rent**—3 or 4 greenhouses by Sept. 1 near Chicago for 5 years. State all particulars in first letter. Address Key 438, American Florist.

**Wanted**—Experienced all round gardener for private work. Flowers, vegetables, greenhouse work. Single man. Apply, giving references. Key 450, care American Florist.

**Wanted**—A first class rose grower to take charge of a place of 35,000 feet of glass, where miscellaneous stock is grown. Married man preferred. Send references and wages expected.  
 Address Key 442, care American Florist.

**Store to Rent**—Steam heat, elegant location for a florist. 1340 South Kedzie Ave., corner Douglas Boulevard; reasonable rent; apply to  
 L. MORRIS,  
 Telephone Harrison 1513 1103 S. Canal St.

**Catalogues Wanted**—Send your wholesale catalogues and price lists to  
 UNION PARK FLORAL CO.,  
 1611 West Lake St., Chicago.

## WANTED

At once, a good grower of carnations, roses and 'mums.

LA CROSSE FLORAL CO., La Crosse, Wis

## WANTED

A good first-class carnation grower, capable of taking full charge. Must give good reference.

The Wm. Blackman Floral Co.  
 Evansville, Ind.

## WANTED

Experienced rose grower to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX & SONS, Council Bluffs, Iowa.

## GARDENER

Man of considerable experience in all lines of garden work, fruits, flowers, vegetables, pleasure grounds and greenhouses, desires position with a lady or gentleman needing the services of such a gardener. Address  
 Key 447, care American Florist.

## Wanted---Seedsmen

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

## FIRST CLASS STOREMAN.

Capable of taking charge wishes to secure a situation in some up-to-date florist store; can furnish the best of references. Do not answer unless you want an Al man and willing to pay the right wages. For further particulars address  
 Key 443, care American Florist.

## FOR SALE CHEAP.

If taken at once. On account of ill health, I will sell my greenhouse plant, consisting of 50,000 sq. ft. of glass, 15 acres of land, barn, living rooms, horses, wagons, etc., with railroad switch on premises; this range is located within 30 miles of Chicago on the three railroads, C. M. & St. P., Belt Line and C. M. Electric road. Will sell for one-third of its cost, with \$6,000 cash and the balance on easy payments; for further particulars call or write  
 JOSEPH ZISKA,  
 151 N. Wabash Ave., Chicago, Ill.

## For Sale

Only retail flower store in booming city of 20,000. Double track car service to Detroit, twenty-five miles. Will sell stock, fixtures and goodwill, with or without greenhouse property.

A. B. LEWIS, Pontiac, Mich.

## Grower's Establishment.

18,000 sq. ft. of glass, dwelling with all improvements; stable, city water and gas; over 18 city lots. Well situated at Maspeth, L. I. Excellent condition. Sell cheap on account of owner's illness. Inquire  
 WM. H. SIEBRECHT, Jr.,  
 277 Broadway, NEW YORK CITY

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid





# Poehlmann Bros. Co.

32-34-36 E. Randolph St.,

Long Distance Phone **CHICAGO, ILL.**  
Randolph 35

**Roses, Carnations, Peonies,  
Sweet Peas**

**Home Grown Orchids**

## FOR DECORATION DAY

Our short Roses at \$30.00 and \$40.00 per thousand are just the grade used for Decoration Day they are good value and will give satisfaction. We will give exceptional value in \$6.00 and \$8.00 roses, and will have plenty stock to fill all orders. Wire in short orders right up to the last day and they will be filled.

We will be especially strong on Roses and Carnations; all orders filled promptly.

**Short Roses, our selection, \$30 and \$40 per 1000**

### DECORATION DAY PRICE LIST

In Effect May 25, 1911.

Subject to change without notice.

#### AMERICAN BEAUTIES

|                    |          |                        |
|--------------------|----------|------------------------|
| Long.....          | er Doz.  | \$3 00                 |
| 30 to 36-inch..... |          | 2 50                   |
| 20 to 25-inch..... |          | 2 00                   |
| 18-inch.....       |          | 1 50                   |
| Short.....         | Per 100, | \$4 00, \$6 00, \$8 00 |

#### KILLARNEY, Special.

|                               |         |         |
|-------------------------------|---------|---------|
| Fancy.....                    | Per 100 | \$10 00 |
| Medium.....                   |         | 8 00    |
| Short.....                    |         | 6 00    |
| RICHMOND, Special.....        |         | 4 00    |
| Fancy.....                    |         | 10 00   |
| Medium.....                   |         | 8 00    |
| Short.....                    |         | 6 00    |
| WHITE KILLARNEY, Special..... |         | 4 00    |
| Fancy.....                    |         | 10 00   |
| Medium.....                   |         | 8 00    |
| Short.....                    |         | 6 00    |
| MY MARYLAND, Special.....     |         | 4 00    |
| Fancy.....                    |         | 10 00   |
| Medium.....                   |         | 8 00    |
| Short.....                    |         | 6 00    |
| PERLE, Select.....            |         | 8 00    |
| Medium.....                   |         | 6 00    |
| Short.....                    |         | 4 00    |

#### Cattleyas..... per doz. \$1 00 to \$8 00

#### CARNATIONS, Per 100

|                                          |  |      |
|------------------------------------------|--|------|
| Extra fancy Perfection, Victory, Beacon, |  |      |
| Enchantress.....                         |  | 6 00 |
| 1st grade Lawson, Winsor, Enchantress,   |  |      |
| Red, White Lawson.....                   |  | 5 00 |
| Assorted colors, our selection.....      |  | 4 00 |

#### Spanish Iris..... \$4 00 to 6 00

#### Harrisii Lilies, Callas..... 10 00

#### Valley..... 3 00 to 4 00

#### Sweet Peas..... 50 to 1 00

#### " " fancy Butterfly..... 1 50 to 2 00

#### Pansies..... 75

#### Marguerites..... 1 00 to 1 50

#### Daisies, Shasta and Yellow..... 2 00

#### Peonies..... 6 00 to 8 00

#### Mignonette..... 4 00 to 6 00

#### Plumosus Sprays, Sprengerl..... 3 00 to 4 00

#### Plumosus Strings, extra long... per string, 60c

#### Galax..... per 1000, \$1 25

#### Ferns..... per 1000, 3 00

#### Adiantum..... 75

#### Adiantum Croweanum..... 1 00



# Decoration Day Price List

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

| AMERICAN BEAUTIES |         | Per doz. |
|-------------------|---------|----------|
| Extra long.....   |         | \$3 00   |
| 24-36-in.....     |         | 2 00     |
| 18 to 24-in.....  |         | 1 50     |
| 12-in.....        |         | 1 00     |
| 8-in.....         |         | 75       |
| Short stems.....  | Per 100 | 4 00     |

| Rhea Reid              |                 | Per 100 |
|------------------------|-----------------|---------|
| Extra long select..... | \$8 00 to 10 00 |         |
| Good length.....       | 7 00            |         |
| Medium length.....     | 5 00 to 6 00    |         |
| Short.....             | 4 00            |         |

### Maryland, Killarney, White Killarney, Kaiserin and Richmond.

|                        |                | Per 100 |
|------------------------|----------------|---------|
| Extra select.....      | \$ 8 00        |         |
| Good length.....       | 7 00           |         |
| Medium length.....     | \$5 00 to 6 00 |         |
| Good short length..... | 4 00           |         |

| CARNATIONS                      |                  | Per 100  |
|---------------------------------|------------------|----------|
| Fancy pink, white and Red.....  |                  | \$5 00   |
| Fancy seconds.....              |                  | 3 00     |
| HARRISII LILIES                 |                  | per doz. |
| .....                           |                  | 1 50     |
| .....                           | \$10 00 to 12 00 |          |
| Lily of the Valley.....         | 3 00 to 4 00     |          |
| Select Pink and White Peas..... | 1 00 to 1 50     |          |
| Adiantum.....                   | 1 00 to 1 50     |          |
| Asparagus.....                  | per string       | 50       |
| Asparagus Sprays.....           | 3 00 to 4 00     |          |
| Ferns, Eastern.....             | per 1000         | 3 00     |
| ..... Southern.....             | per 1000         | 2 50     |
| Galax, Green.....               | per 1000         | 1 00     |
| ..... Bronze.....               | per 1000         | 1 00     |
| Smilax.....                     | per doz.         | 2 50     |

**Good Assortment of Roses in lots of 500 at the rate of \$40.00 per 1000.**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

An attempted swindle upon one of the wholesale houses shows that something should be done to protect the dealers. An order was received by Zech & Mann for about \$100 worth of stock from a party in a distant city. Not knowing the customer and being somewhat suspicious, Mr. Zech shipped but a portion of the order, about \$30 worth, being forwarded C. O. D. Upon arrival the express agent telegraphed that the shipment was refused, and Mr. Zech then ordered the goods returned, resulting in an almost total loss. The purchaser evidently supposed that Zech & Mann would order the goods sold by the express company and then buy them in at his own price. This is an old but clever trick and the party should be shown up and the dealers protected from such a swindler.

Bassett & Washburn enjoyed a brisk Mothers' day trade, their large cut of carnations being sold at an early hour. The plants at the greenhouses are in splendid condition, with the Killarney roses just coming into crop. Mr. Washburn was greatly pleased to receive this week a check from the managers of the National Flower Show for the guarantee advanced by the firm.

The Chicago Carnation Co. is filling a large number of orders for a fancy grade of gladioli, carnations and sweet peas. Manager Pyfer has secured the services of three crack bowlers to represent his firm during the summer season of the Florist Club bowling league.

The Batavia Greenhouse Co. is doing a good business at their store at 30 East Randolph street, of which O. Johnson is the manager. H. Wenberg, the junior member of this concern, looks after the growing end of the business.

Dwight L. Harris, vice-president and general manager of the Pulverized



## ORCHIDS

**::A Specialty::**

A fine stock of Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

**Send for Price List.**

**CHAS. W. McKELLAR**

**162 N. Wabash Avenue,  
CHICAGO.**

*Mention the American Florist when writing*

Manure Co., says that May has been a banner month with them this year. The sales up to May 15 have already exceeded those of the entire month of May in 1910.

Wm. Graft left on May 11 for Columbus, O., after a few days' stay in the city. In anticipation of a brisk Mothers' day trade, he placed orders with several of the local wholesale houses for 10,000 carnations.

Hoerber Bros. are again in full crop for the holiday and are cutting heavily in roses and carnations. A splendid

grade of "Butterfly" sweet peas has been a leader here this week.

The Geo. M. Garland Co. will furnish the iron work for a new house that Nic. Zweifel, the well known grower of North Milwaukee, Wis., will erect this season.

Wm. Scrogs of the Madison Floral Co., corner of Madison and Clark streets, returned Thursday, May 11, from St. Joseph, Mo.

E. H. Hunt's hustling traveling representative, A. L. Longren, returned recently from a very successful trip.

# GOOD STOCK

And Plenty of It

## FOR DECORATION DAY

In all our long experience we have never had our stock in better condition for Memorial Day than this year. The whole of our great plant, comprising over 2,000,000 square feet of glass, is in full crop with the best of **Beauties, Carnations and Roses.** No other firm has the same facilities for growth and shipment. Send your orders to the

## Largest Rose Growers in the World

And be sure of stock for this important date.

### Decoration Day Prices:

#### AMERICAN BEAUTIES

|                       | Per doz.  |
|-----------------------|-----------|
| Extra long stems..... | \$4 00    |
| 36 inch stems.....    | 3 50      |
| 30 inch stems.....    | 3 00      |
| 24 inch stems.....    | 2 50      |
| 20 inch stems.....    | 2 00      |
| 15 inch stems.....    | 1 50      |
| 12 inch stems.....    | 1 00      |
| Short stems.....      | 50c to 75 |
|                       | Per 100   |

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|                           | Per 100                                                     |
|---------------------------|-------------------------------------------------------------|
| Ivory.....                | } Select..... \$6 00 to \$ 8 00<br>Medium..... 4 00 to 5 00 |
| Sunrise.....              |                                                             |
| Perle.....                |                                                             |
| Roses, out selection..... | 4 00                                                        |
| Carnations.....           | 3 00                                                        |
| Fancy.....                | 4 00                                                        |
| Harristl.....             | 12 00                                                       |
| Valley.....               | 3 00 to 4 00                                                |
| Sweet peas.....           | 75 to 1 00                                                  |
| Tulips.....               | 3 00 to 4 00                                                |
| Adiantum.....             | 1 00                                                        |
| Asparagus, per bunch..... | 50                                                          |
| Ferns, per 1000.....      | 3 00 to 4 00                                                |

2,000,000 FEET OF MODERN GLASS.

# Peter Reinberg,

New No. 30 E. Randolph St., CHICAGO.



# Do You Gamble ?

## Ask Kennicott Bros. Co.

Don't forget if your order for **PEONIES** is not booked by **May 20**, the chances are you will pay much more than in other years. It has always been so. Last year they went as high as \$1.50 per doz. So play safe and book your order **Now**.

### DECORATION DAY PRICE LIST

Subject to change without notice. Packing and Delivery at cost

#### Peonies, white, pink and red—\$4.00 to \$8 00 per 100

| American Beauties—     | Per doz.         |
|------------------------|------------------|
| Stems 30 to 40 in..... | \$3.00 to \$4.00 |
| Stems 20 to 24 in..... | 2.00 to 2.50     |
| Short.....             | 1.00 to 1.25     |

| Roses—                        | Per 100         |
|-------------------------------|-----------------|
| Killarney, 1st.....           | \$ 8.00         |
| Killarney, 2d.....            | \$ 4.00 to 6.00 |
| Killarney, special.....       | 10.00           |
| White Killarney, 1st.....     | 8.00            |
| White Killarney, 2d.....      | 4.00 to 6.00    |
| White Killarney, special..... | 10.00           |
| Brides and Maids, 1st.....    | 6.00 to 8.00    |
| Brides and Maids, 2d.....     | 4.00 to 5.00    |
| Richmond, 1st.....            | 8.00 to 10.00   |
| Richmond, 2d.....             | 5.00 to 6.00    |
| Kaiserin, 1st.....            | 6.00 to 8.00    |
| Kaiserin, 2d.....             | 4.00 to 5.00    |

**Roses**, our selection, good short stems..... 4.00

| Carnations—              |              |
|--------------------------|--------------|
| Fancy red.....           | 6.00 to 8.00 |
| Fancy, other colors..... | 4.00 to 5.00 |

| Carnations, continued—                       | Per 100         |
|----------------------------------------------|-----------------|
| Second grade, our selection, split, etc..... | \$ 2.50 to 3.00 |

**Valley**..... 2.00 to 4.00

**Sweet Peas**..... 60 to 1.25

**Harrisii and Callas**..... 12.50 to 15.00

**Jasmine, Grandiflora**..... 3.00

**Daisies**, small kind..... 1.00 to 1.25  
Large sorts..... 2.00

**Gladioli**, fancy, large..... 12.50 to 15.00  
Baby..... doz., 35c to 50c

#### Green Headquarters—

|                                               |                        |
|-----------------------------------------------|------------------------|
| Asparagus Strings.....                        | each, \$0.60 to \$0.75 |
| Smilax, scarce.....                           | doz., 2.50 to 3.00     |
| Sprenger Sprays.....                          | per 100, 2.00 to 4.00  |
| Asparagus Bunches.....                        | each, .50 to 1.00      |
| Galax, bronze or green, per 1000, \$1.25..... | per 100, .15           |
| Fancy Ferns.....                              | per 100, 3.00 to 4.00  |
| Adiantum.....                                 | per 100, .75 to 1.00   |

Send to us, now, for Decoration Day, at any time—advance orders or rush orders—and you will get the stock you want if it is to be had in Chicago. For years we've had the reputation of filling orders when others fail.

## KENNICOTT BROS. CO., 165 N. Wabash Ave., CHICAGO

B. J. Maynard, formerly eastern representative for the Geo. M. Garland Co., is now making his headquarters at the main office in Des Plaines where the firm's factory is located. His family is making their home here, having recently moved from Cleveland, O.

John Kruchten is supplying his customers with an exceptionally fine grade of "Butterfly" sweet peas and Killarney roses. He is looking forward to a brisk Memorial day trade and has arranged to handle large consignments of white and pink peonies.

Several parties have been looking over the Chicago Rose Co.'s greenhouses at Libertyville with an intention of purchasing, but as yet no sale has been made. The proprietor on account of ill health is offering the place for sale at a sacrifice.

Paul Blome & Co., the North Clark street florists, had an unusually busy

day May 13. A beautifully arranged casket cover of white roses and lavender sweet peas was delivered on that day to the Harper residence on the north side.

H. C. Blewitt has finally decided to build and has placed an order with the Geo. M. Garland Co. for an iron frame house 34x150 feet. The new house will be devoted to the growing of sweet peas, Mr. Blewitt's specialty.

Frank Felke of Wilmette is shipping some splendid "Butterfly" sweet peas into this market. Mr. Felke has had a good call for bedding plants lately and filled many orders for salvias, alysums and geraniums.

Frank Ayers, the popular young store man at Chas. W. McKellar's, is planning on making a cruise from here to Canadian waters. The trip will be made in the staunch and speedy gasoline launch, Nan.

Nic Miller had the misfortune of dislocating his shoulder Saturday, May 13. He fell off a step ladder while making repairs at his home in Wilmette.

Frederick Pollworth, representing the C. C. Pollworth Co., of Milwaukee, Wis., has been drumming up the box trade among the local florists.

Weiland & Risch evidently know how to grow Killarney roses, for a large supply can be seen at the store in almost perfect condition.

Mrs. Wm. F. Schofield, who has been seriously ill at the Passavant hospital, is improving and an early recovery is hoped for.

John J. Burke, formerly of St. Louis, and G. C. Stanger of Pittsburg, are now in the employ of the Alpha Floral Co.

H. E. Smith, with Frank B. Smith's Sons of Danville, Ill., was a welcome visitor this week.

## **"The Busiest House in Chicago."**



# DOUBLE WHITE Narcissus

Gardenia Flowered.

One of the most satisfactory flowers for

## Memorial Day

Always a Prime Favorite

These will be packed in cases of 1500 flowers each and sent by express pre-paid to any address direct from the grower for \$22.50

In smaller lots we shall pack and ship from Chicago at

**Per 100, \$ 2.00**  
**Per 1000, 15.00**

## PEONIES.

We shall have a very fine stock of Peonies all colors and shall be pleased to make special rates on large quantities write for prices, per doz. 75c to \$1.00.

## Decoration Day Price List:

| BEAUTIES              | Per doz.         |
|-----------------------|------------------|
| Long stems.....       | \$3 50 to \$5 00 |
| 24 to 30 inches ..... | 2 50 to 3 00     |
| 15 to 20 inches.....  | 2 00             |
| 12 inches.....        | 1 40 to 1 50     |

| ROSES                  | Per 100          |
|------------------------|------------------|
| Killarney.....         | \$5 00 to \$8 00 |
| Bride, Bridesmaid..... | 3 00 to 8 00     |
| Chatenay.....          | 3 00 to 8 00     |
| Richmond.....          | 4 00 to 10 00    |
| Our Selection.....     | 3 00 to 4 00     |

| CARNATIONS      | Per 100          |
|-----------------|------------------|
| Good Grade..... | \$2 00 to \$3 00 |
| Fancy.....      | 4 00 to 5 00     |

| MISCELLANEOUS                    | Per 100          |
|----------------------------------|------------------|
| PEONIES, per doz., 75c to \$1 00 |                  |
| Gladiolus, per doz., \$2 00      | \$15 00          |
| NARCISSUS, Double White.....     | 2 00             |
| Sweet Peas.....                  | \$ 50 to 1 00    |
| Callas, per doz.....             | \$1 50           |
| Lilium Harrisii, per doz.....    | \$1 50 to \$2 00 |
| Valley.....                      | 2 00 to 4 00     |
| Cape Jasmine, per 1000.....      | \$15 00 2 00     |
| Daisies.....                     | 75 to 1 00       |
| Daisies, Mammoth.....            | 1 00 to 1 50     |

| MISCELLANEOUS                       | Per 100          |
|-------------------------------------|------------------|
| Tulips.....                         | \$2 00 to \$4 00 |
| Pansies.....                        | 1 00 to 1 50     |
| Smilax, per doz.....                | \$2 50           |
| Fancy Ferns, per 1000, 3 00 to 4 00 |                  |
| Galax.....per 1000, 1 00            |                  |
| Adiantum.....                       | 75 to 1 00       |
| Asparagus Sprengeri.....            | 3 00 to 4 00     |
| Asparagus Plumosus per string ..... | 50c              |
| Asparagus Plumosus, sprays.....     | 3 00 to 6 00     |
| Cornflowers.....                    | 0 to 75          |

P. and D. at Cost.

Prices Subject to change without notice.

# J. B. Deamud Co.

Wholesale Florists, Long Distance 'Phone, 160 N. Wabash Ave., CHICAGO.  
Central 3155.



# High Grade Stock for Decoration Day

Our specials this week are **Peonies, Gladioli, Carnations, Valley, Sweet Peas** and **Roses**, in the latter we have all grades, medium, long and short, but are especially strong on the short which are so well adapted to Decoration Day purposes. When placing your order for cut flowers do not forget to include greens, we can also fix you up on these as we have a large supply. We have all other popular stocks, so don't hesitate to order everything you want.

## Our Goods Are Right

So are our prices. But this is not all. We take the same care with the smallest order as well the largest and are prepared to fill either or both. We are filling both—and filling them right—that is why we have such a good shipping trade, and it makes no difference where our stock goes we have no complaints. Its fine quality, the care taken in packing and shipping just at the right time, insures its safe arrival and in the best possible condition. Repeat orders prove this, and while we are anxious to secure new customers, the approval of our old ones is even more appreciated. We give personal attention to all orders. Let us get better acquainted.

## Zech & Mann,

Wholesale Florists, Long Distance Phone, Central 3284,  
162 NORTH WABASH AVENUE, CHICAGO.

# We Have What You Want

**SEND US YOUR ORDERS**

**For Your Wedding Bouquets Be Sure to Order Our Fancy Butterfly Sweet Peas**

Can furnish them in any quantities of various colors—Pink, Light Pink, Lavender, Red, Blue, Yellow or White. Also heavy supply of

**Beauties, Roses, Carnations, Valley  
and Other Good Summer Stock**

**Buy Direct  
From the  
Grower.**

# J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES  
and CARNATIONS  
A Specialty.....

WHOLESALE  
GROWER OF

# CUT FLOWERS

L. D.  
Phone  
Central  
3120

Vaughan & Sperry had a very busy week, the demand for stock for Mother's Day being exceedingly heavy. This firm evidently expects to do a big business in peonies for Memorial Day for they have agreed to handle 150,000 blooms of all the leading varieties.

N. J. Wietor is planning on spending his vacation this summer in the wilds of Wisconsin where the fishing is good. John Sinner will probably accompany him on the trip as these two gentlemen have been in the habit of spending their vacations together for years.

The Florists' Club bowling league did not open its summer season on May 9 as they intended owing to the absence of several of the players. The season opened, however, on Tuesday evening, May 16, with a large number of bowlers present.

# WIETOR BROS.

162 N. Wabash Ave., Chicago

## We Are in Full Crop

And Can Fill All Orders For

# Decoration Day

Our stock is of exceptionally fine quality, both **Roses** and **Carnations** and is bound to please. Buy from us and find how pleasant and profitable it is.

Send Us Your

## ORDER NOW

Fresh Stock  
Carefully packed

### Decoration Day Price List:

Subject to change without notice.

#### BEAUTIES

|                                         | Per doz.           |  |
|-----------------------------------------|--------------------|--|
| Extra Select.....                       | \$3 00             |  |
| 36-inch stem.....                       | 2 50               |  |
| 30-inch stem.....                       | 2 00               |  |
| 24-inch stem.....                       | 1 75               |  |
| 20-inch stem.....                       | 1 50               |  |
| 16-inch stem.....                       | 1 25               |  |
| 12-inch stem.....                       | 1 00               |  |
| Short stem.....                         | 75                 |  |
|                                         | Per 100            |  |
| Killarney, select.....                  | \$ 6 00 to \$ 8 00 |  |
| "    medium.....                        | \$ 3 00 to 5 00    |  |
| Jardine (finest pink rose), select..... | 6 00 to 8 00       |  |
| "    medium.....                        | 3 00 to 5 00       |  |
| Bride, select.....                      | 6 00 to 8 00       |  |
| "    medium.....                        | 3 00 to 5 00       |  |
| Maid, select.....                       | 6 00 to 8 00       |  |
| "    medium.....                        | 3 00 to 5 00       |  |

|                            | Per 100         |  |
|----------------------------|-----------------|--|
| Uncle John, select.....    | \$ 6 00 to 8 00 |  |
| "    medium.....           | \$ 3 00 to 5 00 |  |
| Richmond, select.....      | 6 00 to 8 00    |  |
| "    medium.....           | 3 00 to 5 00    |  |
| Carnations, fancy.....     | 5 00            |  |
| "    good.....             | 4 00            |  |
| Easter Lilies, medium..... | 12 50           |  |
| "    long.....             | 12 50 to 15 00  |  |
| Callas.....                | 12 50 to 15 00  |  |
| Tulips.....                | 3 00 to 4 00    |  |
| Daffodils.....             | 3 00 to 4 00    |  |
| Valley.....                | 3 00 to 4 00    |  |
| Sweet Peas.....            | 75 to 1 25      |  |
| Ferns.....                 | 4 00            |  |

All Green Goods at market rates.

**ROSES, our selection, - \$4.00 per 100**

The above prices are for select stock. Extra select or inferior stock billed accordingly.  
All other stock at lowest market rates.





# May We Have Your Order For DECORATION DAY?

We Have Plenty of Stock for All and  
are Particularly Well Fixed on

ALL COLORS **PEONIES** ALL GRADE

We are assured of large supplies of all desirable grades of **PEONIES** and expect to fill not only all advance orders, but all rush orders by phone or wire right up to the last minute. We would be pleased to take care of you.

## We Ship Flowers Successfully To all Parts of the United States

And we want to say that our shipping business has increased remarkably the past season. We think this is because the buyers appreciate the service and the quality of flowers we are shipping them. We represent none but skilled growers, whose cut is not excelled anywhere, and devote our entire time and thought and energy to the proper handling of Cut Flowers and Nothing Else. It stands to reason that we can give the best of satisfaction. Try us and see.

### DECORATION DAY PRICE LIST

| PEONIES                     |                  | Per 100  |
|-----------------------------|------------------|----------|
| Good                        | \$4 00 to \$5 00 |          |
| White and Pink, No. 1 stock | 6 00             |          |
| Special Fancy               | 8 00             |          |
| BEAUTIES                    |                  | Per doz. |
| Long stems                  | \$4 00           |          |
| 30 inch stems               | 3 00             |          |
| 24 inch stems               | 2 50             |          |
| 20 inch stems               | 2 00             |          |
| 15 inch stems               | 1 50             |          |
| 12 inch stems               | 1 00             |          |
| Short stem                  | 75               |          |
| Killarney, select           |                  | Per 100  |
| good                        | \$6 00 to 8 00   |          |
| White Killarney, select     | 4 00 to 5 00     |          |
| good                        | 6 00 to 8 00     |          |
| Richmond, select            | 4 00 to 5 00     |          |
| good                        | 6 00 to 10 00    |          |
|                             | 4 00 to 6 00     |          |

|                        |                  | Per 100 |
|------------------------|------------------|---------|
| Brides and Bridesmaids | \$4 00 to \$6 00 |         |
| Maryland               | 4 00 to 6 00     |         |
| Gates and Uncle John   | 4 00 to 6 00     |         |
| Perle                  | 4 00 to 6 00     |         |
| ROSES our selection    | 4 00             |         |
| ORCHIDS, Cattleyas     | 5 00 to 7 50     |         |
| CARNATIONS, good       | 3 00 to 4 00     |         |
| special fancy          | 5 00             |         |

| MISCELLANEOUS |                    | Per 100 |
|---------------|--------------------|---------|
| Celias        | \$12 50 to \$15 00 |         |
| Easter lilies | 12 50 to 15 00     |         |
| Vallery       | 3 00 to 4 00       |         |
| Gladiolus     | 1 00 to 1 50       |         |

| MISCELLANEOUS  |                  | Per 100 |
|----------------|------------------|---------|
| Outdoor Tulips | \$2 00 to \$6 00 |         |
| Sweet Peas     | 75 to 1 25       |         |
| Mignonette     | 35 to 75         |         |
| Spanish Iris   | 3 00 to 5 00     |         |

### GREENS

|                                |                  |  |
|--------------------------------|------------------|--|
| Asparagus Plumosus, per string | \$0 50 to \$0 60 |  |
| Sprenger, bunch                | \$0 35 to 50     |  |
| sprays                         | 35 to 50         |  |
| Smilax, per doz.               | 2 00 to 2 50     |  |
| Fancy Ferns, per 1000          | 5 00 to 4 00     |  |
| Adiantum, per 100              | 1 00             |  |
| Galax Leaves, per 100          | 1 00 to \$1 25   |  |
| Boxwood, per lb.               | 25               |  |

# Vaughan & Sperry

Long Distance Phone  
Central 2571

161 N. Wabash Ave., Chicago



# EVERY FLORIST WHO HANDLES OUR Stock for Decoration Day

## WILL ENJOY A BRISK TRADE

Every florist who wishes to enjoy a brisk and profitable Memorial Day trade can do so by sending his Cut Flower order to us. Our stock is of such high and superior quality (and our prices so reasonable), that it is bound to satisfy your customers and bring them back for more. Send your order to us immediately for

## PEONIES, ROSES, CARNATIONS

### DECORATION DAY PRICE LIST

| BEAUTIES                         |                  | ROSES              |              | ROSES              |                  | MISCELLANEOUS                         |                        |
|----------------------------------|------------------|--------------------|--------------|--------------------|------------------|---------------------------------------|------------------------|
|                                  | Per doz.         |                    |              |                    | Per 100          |                                       | Per 100                |
| 30 to 36-inch stems.....         | \$3.00 to \$4.00 | Perle.....         | 4.00 to 6.00 | Good.....          | 5.00             | Valley.....                           | 3.00 to 4.00           |
| 20 to 24-inch stems.....         | 2.00 to 2.50     | Our selection..... | 4.00         | Fancy.....         | 10               | Sweet Peas.....                       | 75 to 1.25             |
| 15 to 18-inch stems.....         | 1.50             |                    |              | Common.....        | 60               | Daisies.....                          | 1.00 to 2.00           |
| 12-inch stems.....               | 1.00             |                    |              | Special.....       | 5.00             | Gardenias, per doz., \$2.00 to \$4.00 |                        |
| ROSES                            |                  | CARNATIONS         |              | PEONIES            |                  | Gladioli.....                         | 1.00 to 1.50           |
|                                  | Per 100          |                    |              |                    |                  | Baby.....                             | 4.00 to 5.00           |
| Richmond, good stock.....        | \$4.00 to \$6.00 |                    |              | Short.....         | 4.00             | GREENS                                |                        |
| lancy.....                       | 8.00             |                    |              | Good.....          | 5.00             | Asp. Plumosus.....                    | per string, 50 to 60   |
| Killarney, good stock.....       | 4.00 to 6.00     |                    |              | Fancy.....         | 6.00 to 8.00     | Sprays, per bunch.....                | 35 to 50               |
| White Killarney, good stock..... | 4.00 to 6.00     |                    |              | MISCELLANEOUS      |                  | Sprengeri.....                        | per bunch, 25 to 50    |
| lancy.....                       | 8.00             |                    |              | Callas.....        | per doz., \$1.50 | Adiantum.....                         | per 100, 75 to 1.00    |
| Bride.....                       | 4.00 to 8.00     |                    |              | Easter Lilies..... | per doz., 1.50   | Smilax, choice.....                   | per doz., 2.00 to 2.50 |
| Maid.....                        | 4.00 to 8.00     |                    |              |                    |                  | Fancy Ferns.....                      | per 100, 4.00          |
| Uncle John.....                  | 4.00 to 8.00     |                    |              |                    |                  | Galax Leaves.....                     | per 100, 1.00          |

Subject to Change Without Notice

# JOHN KRUCHTEN

Wholesale Florist,

L. D. Phone  
Central 6269

162 N. Wabash Ave., CHICAGO

### Albany, N. Y.

At the May meeting of the Albany Florists' Club one of the officers and regular supporters of the organization was not present, Patrick Hyde, the treasurer. Not all of the members present knew that Mr. Hyde was on his honeymoon, but such was the fact. He surprised his friends by getting married on April 30 in St. Augustine's Church, New York. The bride was Miss Margaret Elizabeth McAuliffe of that city. Upon their return from a short wedding trip Mr. and Mrs. Hyde will reside at 488 Hudson avenue. At the meeting a list was circulated quietly, and the rolls of long green paper collected were handed over to President F. A. Danker, who will act as a committee of one to give Mr. Hyde a pleasant surprise in behalf of the members of the club. Six applications received at the April meeting were acted upon favorably, and after a short business session the rest of the evening was passed socially. The entertainment committee, with Louis Schaefer in charge, had provided a lunch with cigars, pipes and tobacco, and the well known local comedienne, Dennis F. McCarthy, entertained the members with songs and humorous selections. An informal discussion of the annual outing was held by the officers following the meeting, and the consensus of view was that a family excursion down the river in August would be desirable. The subject will, however, be acted upon later.

### NOTES.

Although just how or just whom he displeased does not appear, announcement is made that Patrick Hyde has been dismissed from the service of the state as gardener by John Bowe, superintendent of public buildings, for neglect of duty. He was stationed at

the executive mansion. Oh, no! Hyde is not a Republican, but just a poor ordinary Democrat, who sacrificed himself as the aldermanic candidate for his party in the eighteenth ward a year ago last fall and was buried under a Republican majority of about 600 by James R. Watt, his opponent. When Bowe assumed office he appointed Hyde as gardener, but now he has taken his scalp and does not care to go into details. "Hyde certainly has been well rewarded for his services to the party," observed an indignant Democrat today.

### Cleveland.

#### STEADY MARKET.

The market is steady with stock about equal to a healthy demand. Prices are a little higher than a week ago. Carnations are becoming smaller in size, and the big crop being off at present, they have not been over abundant. Roses of all kinds have been plentiful, with the possible exception of white, in these the Kaiserin Augusta Victoria has, as yet, played no important part, but in a few weeks now they will be quite plentiful. Orchids will be on sale again at the wholesale houses beginning this week and continuing through June, and American Beauty roses will be a feature all summer. Outdoor stock is beginning to come in from all sides. Sweet peas and pansies are plentiful. Smilax is in good demand, and so is Asparagus plumosus, long sprays, which are quite plentiful. Fancy and southern dagger ferns are on the market. Baby gladioli, snapdragon, iris, daisies and Canterbury bells are part of the daily receipts. Stock for funeral work is plentiful.

### NOTES.

The Flower Club advertised Mothers' day in Cleveland with excellent results,

which most retailers appreciated. We hope, from now on, this club will have the hearty cooperation of the retail trade, as every retailer, no matter where located in the city, desires his proportion of increased sales. Memorial day is the next important flower day and the Flower Club will advertise this also.

C. F. B.

### Brampton, Ont.

Throwing out and replanting is the order of the day, and with the needs of "Mothers' day" to be catered for, all the greenhouses here are as busy as can be.

### NOTES.

An interesting case was heard at the Assize Court here this week, in which an ex-water commissioner with the assistance of a disgruntled ratepayer endeavored to bolster up a complaint against the Dale estate and the present water commissioners for alleged arrears in rates. The judge was not slow in discerning a certain modicum of spite in the affair, the ratepayer proved himself quite out of touch with the facts, and the prosecution failed lamentably in consequence.

Richard Jennings is adding considerably to his glass area, and Wm. Fendley and W. Calvert are also putting up new houses this spring, the latter having acquired another four acres of land adjoining his property, for market garden purposes.

E. H. Dale and Richard Jennings have just purchased new automobiles, and we are glad to be able to report no calamities so far.

W. G. P.

PHILADELPHIA, PA.—The Main Line Flower Show will be held at the Cricket Club Casino, May 27. Cups for competition have been offered by prominent people and cups for flowers cultivated by children under 15 years of age.

# OUT OF TOWN FLORISTS

Who appreciate High Grade Stock will find it to their interest to write us for prices before placing their orders elsewhere.

## We Are in Full Crop for Memorial Day

with an exceptionally fine grade of Killarney, White Killarney, Richmond, Bride and Bridesmaid Roses and can supply you (in addition to the above flowers) with a choice grade of Beauties, Peonies, Carnations and Sweet Peas. Our Butterflies are magnificent, with large fine flowers on long stems that have no equal in this market. We have these in large quantities

## AND CAN FILL ALL ORDERS

promptly at a moment's notice. If you have not already placed an order with us, do so immediately and see what good care we take of our customers, by supplying them with first class stock. Stock that will stand shipment and arrive in good condition.

# HOERBER BROS.

Wholesale Growers of Cut Flowers

162 North Wabash Avenue,  
30 East Randolph Street,

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

# No Scarcity for Memorial Day

THAT'S WHAT WE SAY!

We are ready to book your order and prepared to fill it—for Beauty, Killarney, Richmond and all other Standard Varieties of Roses; Carnations, Stocks, Lilies, Spiraes, Sweet Peas, Daisies and Seasonable Flowers in Full Assortment. In lots of one thousand or more.

## Special HARDY FERNS Special

Finest quality of Hardy Ferns, Leucothoe, Galax, etc., and a Complete Line of Inscriptions, Cycas, Immortelles, Baskets, Vases and other Supplies.

SEND NOW for Supply Catalogue and Cut Flower Price List

**WELCH BROS.**

The  
RELIABLE  
HOUSE

226 Devonshire St.  
**BOSTON, MASS**



# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
 Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
 Leucothoe Sprays, Green and Bronze.....\$1.00 per 1000; \$7.50 per 1000  
 boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
 Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

### New London, Conn.

The New London Horticultural Society was organized a year ago last winter, the preliminary steps having been undertaken by the Business Men's Association. Its purpose as stated in its constitution is: "For the mutual improvement of its members and the dissemination of horticultural knowledge by the reading and discussion of essays, the holding of exhibitions, and any other means the society may think proper to adopt for the advancement of horticulture in all its branches, and particularly for the beautifying of the city's streets, parks, and public places by horticultural agencies."

Our attempt has been to make it a universal town movement rather than an association of specialists. From the start we have had the generous support of the proprietors of a number of large summer estates and of their superintendents. We solved the problem of reaching practically everybody by holding afternoon open air meetings. Everyone was invited whether members of the society or not, and to bring flowers, the prizes being awarded to amateurs only. Florists and professional gardeners liberally assisted by contributing and arranging flowers for decoration. The first of these shows was held in the house and on the grounds of a fine company near our summer suburb. A professor from our State Agricultural College was procured to deliver a lecture, the beautiful estates adjacent were opened to the public, and a company of children, under the direction of the Playground Society, gave a May pole dance on one of the lawns. The affair was well advertised through the newspapers and by large posters, the day was perfect, the idea somewhat novel, and the result was a great success. It was a thoroughly democratic gathering, all classes being present and all supremely happy. Another equally successful gathering, with an even greater profusion of flowers was held on another estate later in the season, and in the fall a final exhibition was given in the town hall.

We have now just completed a spring interchange, the idea having been suggested at one of the meetings last year. In addition to newspaper announcements, circular letters and cards were sent out. When the returns came in, an expressman was employed to call for the donations and their delivery; these were taken to the grounds of a member and there arranged for distribution. This interchange has greatly extended acquaintance, interest and kindly feeling, so that we are anticipating a highly successful season for 1911. A notice and return postal card was sent to the

members and others to contribute to the spring interchange.

The enterprise required some money, and a lot of work particularly on the part of superintendents and gardeners, but it was most cheerfully given. They feel compensated in the success of their efforts and the appreciation of the public has gained of the dignity of their calling. We hope our experiment will be repeated in other communities. JOHN HUMPHREY, Sec'y.

### Anderson, Ind.

The monthly meeting of the State Florists' Association of Indiana was held here May 2, the visiting members being the guests of Stuart & Haugh, the well known florists of this city, who proved their ability as hosts seldom found and never forgotten. After a trip of inspection through the above place, where everything looked fine, the members, of whom there were between 40 and 50, went to the auditorium in the new Carnegie library, stopping en route to visit the greenhouses of Williams & Matthews, another enterprising floral establishment in this city.

The meeting was called to order by President Geo. Gause, of Richmond; A. F. J. Baur, secretary, and Homer Wiegand, treasurer, also being present. The usual routine of business was transacted, during which Myer Heller extended the association an invitation to hold a meeting at some future time in New Castle. Lack of time only prevented a visit to the paper box factory of the Sefton Manufacturing Co., located here, and no doubt many points of interest had to be set aside to allow time for the banquet given to the visitors at Stafford's restaurant by Stuart & Haugh. Seated at one long table, handsomely decorated with carnations and spirea, the guests enjoyed a feast that in quality and abundance is rarely if ever surpassed at an occasion of this kind. After various toasts to the good of the association, and the charming manner with which the hosts provided for all, the May meeting closed and the visitors left Anderson with many thanks to Stuart & Haugh.

Following is a partial list of those present: J. S. Stuart, J. A. E. Haugh, Ralph Meek, E. M. Hyatt, J. E. Stuart, C. H. Williams, Anderson; Geo. R. Gause, J. E. Jones, Jno. A. Evans, Joseph Hill, Richmond; F. S. Smith, Carl Leonard, Lew Elder, Wm. Johnson, E. A. Nelson, H. L. Weigand, A. Rieman, Henry Rodenbeck, R. S. Ludlow, Ed. Temperly, C. G. Pahud, H. D. Schilling, Albert G. Pittet, Herman G. Piel, A. F. J. Baur, Alfred Pahud, Fred Hukreide, Wm. Langstaff, H. W. Riegan, Mrs. Radebough, Miss Clara Barnes, Indianapolis; Myer Heller, New Castle; H. Young, Cumberland; Ira Clark, Greensburg; H. A. Maxims,

ORDER YOUR  
**WILD SMILAX**  
 AND ALL OTHER  
**DECORATIVE GREENS**  
 FROM  
**GEORGE M. CARTER**  
**EVERGREEN ALABAMA**  
 THE QUICKEST  
 SHIPPER

### George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of  
**Evergreens**

Fancy and Dagger  
 Ferns, Bronze and  
 Green Galax, Holly,  
 Leucothoe Sprays,  
 Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
 127 W. 28th St., bet. 6th & 7th Aves. New York  
 Telephone 1202 Madison Square.

### Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and Natural Sheet **MOSES**

Quality and service unequalled.

**E. A. BLAVEN, Evergreen, Ala.**

SEND US YOUR ORDERS FOR

### HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.  
 Same size cases as Wild Smilax, \$2.50.

**Caldwell the Woodsman Co.**  
 EVERGREEN, ALA.

Alexandria; R. A. McKeane, Marion; M. A. Barrick, Seymour; B. F. Hensley, Knightstown, and Robert Newcomb, Chicago.

The next meeting will take place Tuesday, June 6, in Indianapolis, and of full attendance of all members is urged. IOWAY.

PHILADELPHIA, PA.—Samuel W. Baldwin, a salesman for Samuel Bell, was arrested charged with embezzlement of money from his employer.

BRANTVILLE, MASS.—The Halifax Garden Co. opened their greenhouses and extended an invitation to the public to inspect the flowers on Saturday, May 13, and Sunday, May 14, Mothers' day.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL  
Store, 162 N. Wabash Avenue CHICAGO

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

### St. Louis.

WARMER WEATHER.

The weather is considerably warmer and every one is busy planting out stock. Mothers' day was the cause of quite an advance in the price of white carnations. Cut flowers are very plentiful. American Beauty roses are in good supply but the quality is poor. Sweet peas are very plentiful and peonies are coming in. There is a large quantity of Cape jasmines and the prices are low.

### NOTES.

The Florists' Club met May 10 and in the absence of President Cannon, Frank Weber presided. The attendance was small. The committee on anniversary reported that a banquet will be held in June to celebrate the 25th anniversary of the club. F. C. Weber reported that arrangements to entertain the Association of Nurserymen were nearly completed.

The Mullanphy Floral Co. on Mothers' day advised wearing white carnations for the departed mothers and colored flowers for the living. They report the idea worked well.

The Eggeling Floral Co. have been cutting white chrysanthemums all the spring, the last being cut the past week. Their Enchantress carnations are very fine.

Many florists state that more sales would have been made on Mothers' day if the price of carnations had not been increased.

F. W. Bruenig is cutting some very fine rose pink peonies and some fancy carnations.

The Paris Floral Co. report large sales of all varieties of carnations, May 13.

W. F.

### Utica, N. Y.

The annual meeting of the Florists' Club was held in Genesee Hall May 1. Officers for the ensuing year were elected as follows:

Frank J. Baker, president.  
Henry Brant, vice-president.  
Charles Seitzer, treasurer.  
J. C. Spencer, secretary.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Mention the American Florist when writing

## Wholesale Flower Markets

| CHICAGO, May 17.                              | Per doz.     |
|-----------------------------------------------|--------------|
| Roses, Beaugy, specials.....                  | 3 50         |
| " " 36 in.....                                | 3 00         |
| " " 30 in.....                                | 2 50         |
| " " 24 in.....                                | 2 00         |
| " " 18 to 20 in.....                          | 1 50         |
| Shortstem.....                                | 75¢ 1 00     |
| Per 100                                       |              |
| " Killarney.....                              | 3 00/7 10 00 |
| " White Killarney.....                        | 3 00/10 00   |
| " Richmond.....                               | 3 00/10 00   |
| " My Maryland.....                            | 3 00/10 00   |
| " Cardinal.....                               | 3 00/6 00    |
| Bride.....                                    | 4 00/2 8 00  |
| Bridesmaid.....                               | 4 00/2 8 00  |
| Rhea Reid.....                                | 4 00/2 8 00  |
| Mr. Jardine.....                              | 4 00/2 8 00  |
| Mr. Perle.....                                | 3 00/2 6 00  |
| Carnations.....                               | 3 00/2 4 00  |
| " fancy.....                                  | 4 00/2 6 00  |
| Gardenias..... per doz., 3 00/2 4 00          |              |
| Gladolus..... per doz., 1 00/2 1 50           |              |
| Harrigan and Callas..... per doz., 1 50       |              |
| Iris.....                                     | 4 00/7 6 00  |
| Mignonette, large spikes.....                 | 4 00         |
| Orchids, Cattleyas..... per doz., 5 00/2 7 50 |              |
| ".....                                        | 4 00/2 8 00  |
| Sweet Peas.....                               | 75¢ 21 00    |
| Tulips.....                                   | 3 00/2 4 00  |
| Valley.....                                   | 3 00/2 4 00  |
| Adiantum Crowneum.....                        | 1 00         |
| Boxwood, per bunch 35; per case               |              |
| of 50 lbs.....                                | \$7 50       |
| Ferns..... per 1000 3 00/2 4 00               |              |
| Galax.....                                    | 1 25         |
| Leucanth.....                                 | 75           |
| Plumous String..... each                      | 60           |
| Smilax..... per doz., 2 00/3 00               |              |
| Sprenger, Plumous Sprays.....                 | 3 00/2 4 00  |
| Wild Smilax..... per case                     | 5 00         |

### ST. LOUIS, May 17.

|                                |                |
|--------------------------------|----------------|
| Roses, Beaugy, long stems..... | 20 00/20 30 00 |
| " " medium stems.....          | 20 00/25 00    |
| " " short stems.....           | 2 00/2 4 00    |
| " " Bride, Bridesmaid.....     | 5 00/2 8 00    |
| " Killarney.....               | 5 00/2 8 00    |
| " My Maryland.....             | 5 00/2 8 00    |
| " Richmond.....                | 5 00/2 8 00    |
| Carnations.....                | 2 00/3 00      |
| Exeter Lilies.....             | 12 50/15 00    |
| Valley.....                    | 3 00/2 4 00    |
| Adiantum.....                  | 1 25           |
| Asparagus Sprenger.....        | 2 00/2 3 00    |

President Baker was elected for the sixth term.

A resolution of condolence to the bereaved families of the teachers killed and injured in the recent wreck at Martin's Creek, N. J., was adopted and a discussion of Arbor day and Mothers' day trade was participated in by the members present. After the meeting refreshments were served.

## WIETOR BROS.

Wholesale Growers of Cut Flowers

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

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Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

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## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

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56 E. Randolph St., CHICAGO

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Both L. D. Phones.

Supplies and Everything in Season always on hand

## CHIFFONS

(About 35 to 40 yards to piece.)

Plain (agy color), 4 in. wide..... 3c yard  
" " 6 in. wide..... 4c yard  
" " 10 in. wide..... 6c yard  
Fancy Chiffons and other ribbons at equally low prices.

GEO. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

AUGUSTA, ME.—A. K. Gardner of Rockland, a graduate of the University of Maine, has been appointed state horticulturist.



# YOUNG ROSE STOCK WELCH BROTHERS,

Kaiserin Aug. Victoria, Rhea Reid, Killarney,  
Bon Silene and Safrano.

Asparagus P. N. and Asp. Sprenger Plants

SEND FOR PRICES

W. H. ELLIOTT,

Brighton, Mass.

Acacia Pubescens, American Beauty, Valley,  
Carnations, Killarney, Richmond, Maryland  
and other seasonable stock.

Boston.

A BACKWARD SPRING.

There has been very little change the past week in the markets, carnations are not quite so numerous, still there is enough to go around with some left over. The backward condition of the spring leads many to believe that flowers for Memorial day will be scarce. The condition in some parts of New England as regards weather is getting serious. We have had very little rain and shrubs which would have been used for Memorial day will be late on account of the great drouth. Forest fires are raging in every part of the state, and these, besides destroying valuable timber, incidentally destroy the natural watersheds. Should the dry spell continue it may lead to serious consequences. Many of the rose growers are somewhat off crop, but the quality of the flowers coming in is very good. The Richmond and Killarney from the Exeter Greenhouses, Exeter, N. H., are very fine; the Killarneys especially show high culture. The bulbous stock continues to arrive, and most of it is very fine, but there seems to be a limit to the sales of such stock and leave a margin of profit. Mothers' day was observed in Boston and surrounding towns very extensively. The retailers report a good trade and a great increase over that of last year. All of us have pleasant memories of our mother and the example set by Miss Jarvis will, we hope, increase each year so that everyone, old and young, will honor the best and truest friend they ever had. At the funeral of a prominent business man in Natick, we noted an extra fine bunch of White Killarney roses. The flowers were so perfect and so nicely arranged that we made inquiry and found that it came from Galvin's and had been sent on a telegraph order received by them from Pittsburg, Pa. There has been quite a number of deaths in and around Boston, and the quality of the flowers being used is advancing each year. Everyone is preparing and looking forward to Memorial day. Bedding stock is selling very well, there being a good demand for it, and the quality, especially of the geraniums, is very good.

NOTES.

Some of the retailers are advertising in the newspapers wreaths made of leaves and natural waxed flowers, stating they will last in good condition for two months. They are certainly attractive, but whether this is a step forward or backward we don't know, but it will be watched with interest.

Welch Bros. say that orders for Memorial day are coming in fast. Up to the present writing their orders are coming in earlier and in far greater quantities than in any year of their business.

Wm. Nicholson of Framingham will have a house of feverfew just right for Memorial day. This is a tricky crop to handle, but he has landed in luck in having it just right.

The Waban Rose Conservatories have an unusually fine grade of Killarney roses.

H. M. Robinson & Co. say business is satisfactory.

Wm. Penn has returned from the hospital.

MAC.

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

### Wholesale Flower Markets

| BOSTON, May 17.                  | Per 100     |
|----------------------------------|-------------|
| Roses, Beauty, best .....        | 25 00/23 00 |
| " " medium .....                 | 15 00/22 00 |
| " " call .....                   | 2 00/2 40   |
| " " Bride, Bridemaid .....       | 2 00/2 60   |
| " " " Extra .....                | 4 00/2 80   |
| " " Killarney and Richmond ..... | 2 00/2 80   |
| " " Maryland .....               | 2 00/2 80   |
| " " Carnot .....                 | 2 00/2 80   |
| Carnations, select .....         | 1 00/2 40   |
| " " fancy .....                  | 2 00/2 30   |
| Callas .....                     | 8 00/12 00  |
| Cattleyas .....                  | 25 00/30 00 |
| Gardenias .....                  | 6 00/12 00  |
| Lilium Longiflorum .....         | 8 00/12 00  |
| Lily of the Valley .....         | 2 00/2 40   |
| Violets .....                    | 25 00/30 00 |
| Smilax .....                     | 12 00/16 00 |
| MILWAUKEE, May 17.               |             |
| Roses Beauty, per doz. ....      | 75/30 00    |
| " " Bride .....                  | 4 00/2 80   |
| " " Killarney .....              | 4 00/2 80   |
| " " Richmond .....               | 4 00/2 80   |
| " " Kaiserin .....               | 4 00/2 80   |
| Carnations .....                 | 1 50/2 30   |
| Daylilies .....                  | 2 00/2 80   |
| Lilium Giganteum .....           | 6 00/12 00  |
| Lily of the Valley .....         | 3 00/7 40   |
| Mignonette .....                 | 35          |
| Muriel Tulips .....              | 50/ 1 00    |
| Snapdragons .....                | 50/ 1 00    |
| Sweet Peas .....                 | 50/ 1 00    |
| Trumpets .....                   | 3 00        |
| Tulips .....                     | 3 00        |
| Adonis .....                     | 1 50        |
| Asparagus .....                  | 50          |
| " " Plumous, per bunch. 35/      | 50          |
| " " Sprenger .....               | 25          |
| Boxwood .....                    | 25          |
| Ferns, fancy .....               | 4 00        |
| Galax .....                      | 1 50        |
| Magnolia .....                   | 35          |

Cincinnati.

MARKET OVERSTOCKED.

The market is long on everything; in fact even stock such as sweet peas, which at the last writing was cleaning up almost faster than it arrived, is now easily sufficient to meet all requirements. Peonies, iris and heavy cuts of outdoor lily of the valley are added to the steady supply of other stock constantly on hand. The prices for Mothers' day held up nicely until just before the close, when they broke sharply. A very large amount of blooms was used for this day. Many of the local buyers began to purchase heavily for this business on Friday. White carnations were, of course, the leader. For the past fortnight there has been a very heavy crop of roses of all kinds coming into the wholesale houses and, as a result, buyers have been able to get many bargains in this line. American Beauties were way in over-supply. More of them, especially choice ones, were offered and at lower prices than at any time this season. The summer-like weather brings in the Mrs. Tafts better every day and they are a valuable asset to the rose market. Carnations are in steady supply and are selling at about the same prices they brought before the Mothers' day boom. More Easter lilies and callas are offered than the demand requires. Last week offerings in orchids

## Jasmine Buds

We Have Some Fine Stock for This Year

Place your orders early, as the crop is very short this season. Buds will be ready about the 8th.

\$8.50 to \$13.00 per 1000;

\$1.00 to \$1.50 per 100.

500 at 1000 rate.

Cash or C. O. D.

WRITE US, PLEASE.

Woodward Floral Co.

ALVIN, TEXAS

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

more than met requirements. The supply of sweet peas, marguerites and the like is sufficient. Some very fine snapdragons can be had. The offerings in green goods are ample.

NOTES.

The bedding plant men are now having their inning. The season did not open until the middle of last week, when ideal summer weather came upon us suddenly. Everyone clamored for bedding stock, all at one time, and as a result the plantmen had one tremendous rush. They had to hustle some to get out their orders.

The florists who have stands in the market made a handsome cleanup on Saturday. Everything worth while in cut flowers, and a larger part of the plants taken there, were disposed of before closing. The day was eminently satisfactory to all.

Martin Alexander, representing Lion & Co., New York, was a recent visitor.

II.





## New York.

## ROSES OVER-PLentiful.

The market is still under pressure from the large supply of roses, the cut of which shows no diminution; carnations are not so plentiful in proportion. The demand for everything is light except as on Saturday there was a call for white carnations. At the same time other colors of good quality found buyers, but the better price favored white. Of the roses, American Beauty still has the preference, the small roses being much too plentiful to realize anything like a decent average. Lily of the valley meets with slow sale although the quality is finer than usual. Only the very best cuttleys are selling—inferior quality find no favor whatever. To make the situation worse, the market is weighted with out-door lilac and lily of the valley, the former is off in size and keeping qualities and is not likely to last long. Harrisii lilies are plentiful and good. Smilax and adamantum are wanted in limited quantity though asparagus cleans up well.

Alfred H. Langjahr has leased the store at 130 West Twenty-eighth street for a term of six years instead of Frederick J. Langjahr as reported in our last week's issue.

## Philadelphia.

## MOTHERS' DAY A GREAT SUCCESS.

The feature of the week was reserved for the wind-up, when the demand for white carnations for Mothers' day overshadowed everything else. Other flowers felt the increase in business and prices were a trifle firmer all around, but the white carnation was the flower and the way the prices galloped was trying to buyers. There was nothing less than \$4, \$5 and \$6 was asked for anything worth while and some of the fancy stock was sold at \$8. Everything good, bad and indifferent was cleaned up, and when the white were all gone, Enchantress entered the race and all these were soon gathered up and still the demand was not satisfied. The feature after the wonderful demand was the quality of the stock offered. About half of it was not fit for sale. It is natural for everyone to get all they can for what they have to sell, but putting out carnations that should have seen the market from a week to ten days before and charging what would have been an excessive price for the best, is nothing short of robbery. Mothers' day and the custom of wearing a white carnation or other white flower in honor of mother is a beautiful thought, but if the public are to be made to pay exorbitant prices for the flowers they will not willingly celebrate it in this manner. At the prices carnations brought in this market last week there was no money for the retailer, as 10c is a very high price for a single flower, and yet it leaves no margin over cost when the waste is considered, and when so many flowers prove worthless from being kept so long on the plants as they were this year. Some of the wise ones drew their supply from the New York market where the Mothers' day sentiment had not yet taken hold and were able to get fine flowers at a little advance over ordinary rates for the season. Aside from this feature Mothers' day was a great success, the demand being much greater than for last season. Now is the time when the trade should get together and give Miss Jarvis a helping hand. The feature of flowers for Mother's grave should be encouraged. Think of the great amount of business this would bring if this feature was only observed by a comparative few of those who were able to order flowers for this purpose. Let the growers who have been benefited by the higher prices communicate with their commission men and let these

latter get together and help encourage and spread the gospel of Mothers' day. A slight move was made in this city when a few of the wide-awake men interested themselves in getting out a window card. Some three thousand of these were printed and distributed in this and surrounding cities and towns where they were placed in windows and other public places and no doubt helped considerably to make a better and larger observance of the day. Preparations are now on for Memorial day; immortelle designs and wreaths of all kinds are being made up so as to be ready for the last day. While the season has been considered late, peonies are seen in bud and it is thought that these and other outside flowers will be found in abundance in good time for May 30.

## NOTES.

Charles Trepel, who has jumped into fame as a large buyer for his departments in Loeser's, Gimbel's and Bloomingdale's department stores in New York and Brooklyn, is said to be making arrangements to open a department in Gimbel's in this city. He is reported to have done a business last Easter in the three stores in Greater New York of over \$75,000. Such a buyer in this market will stir things up a bit and if the other stores take it up in anything like the same spirit there will have to be more retail buyers discovered or some stores will go out of business.

Stewart Miller, of the Reid force, who has been down with pleuro-pneumonia, is, we are glad to say, now better and on the road to recovery. K.

## Buffalo.

## FINE, SPRING WEATHER.

Seasonable weather with rains that came in the night and each morning bright and cheerful has been our good luck the past week. The plantsman, the landscape gardener and the most important to the general florist, the man with the small lawn that wants it to look good and also the little flowerbed in the rear of his property, has had every opportunity to do his work. So Buffalo has been very favorably looked out for and all are satisfied. The past week has been quite active with a plentiful supply of stock. Spring flowers are in profusion, also in great demand. Society was quite active the past week with wedding receptions and conventions. The latter being in the majority, especially in the schools and academies, which had several conventions last week. The graduate and the prospective were both lavish in floral decorations. One wedding the past week was in many respects original for its design and the arrangement of the flowers, and in which the florist had his own way. Pink was the predominating color and the artistic arrangement of the Killarney roses, which were almost exclusively used, was very attractive. Stafford was the florist. The bride's bouquet was an entirely new arrangement as to shape, being made up of lily of the valley and orchids with a shower of the small white orchid but entirely different from the usual bouquet. It was arranged by Anderson.

## NOTES.

Palmer, Anderson & Stroh have had very attractive windows the past week.

The new board of officers of the Florists' Club are certainly negligent, if I must say so, in getting the club together. From March 8 until May 15 is rather long and to say the least the new officers are giving everyone the opportunity to say that they lack the hustle that their predecessors of the past three years have had. Wake up, boys; summer will soon be here.

## Charles Weiss &amp; Sons

127 West 28th St. NEW YORK  
Telephone 1202 Madison Square  
**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

## Siebrecht &amp; Siebrecht

## Wholesale Florists

Telephone: 8346 Madison Square.

136 W. 28th St., New York City

## JOSEPH J. LEVY

(Successor to John Seligman & Co.)

## WHOLESALE FLORIST

Telephone Madison Sq. 4878,  
56 West 26th Street, New York

## WILLIAM H. KUEBLER

Wholesale Commission Dealer in

## CUT FLOWERS

28 Willoughby Street,

Tel. 4591 Main. BROOKLYN, N. Y.

Buffalo has lost one, Rochester has gained one, that is, in population. George Kramer, who has been with S. A. Anderson for the past three months, has returned to Rochester. We will miss him but we can see his "Bark" if we cannot hear him. His time in Buffalo, we hope, was as pleasant to him as it was to us. George, look out for the contingent that may come to Conesus Lake this summer. EISON.

## Nassau County Horticultural Society.

The regular monthly meeting of the above society was held in Pembroke hall May 10, President Trepess occupying the chair and there was a good attendance. Messrs. Holloway, Gray and Robinson were appointed judges and their decisions were as follows: For the society's prize, outdoor flowering shrub, A. McKenzie first with Persica Sanguinea; Lettuce, J. W. Everett, first; certificates of culture were awarded to J. McDonald for exhibition vase of sweet peas and J. W. Everett for cucumbers and asparagus. Stump & Walter prize for six varieties of tulips, six of each, A. McKenzie, first; E. Westlake, second. The schedule for the show on the night of the June meeting was read and approved and Messrs. Duthie, Johnstone and Marshall were appointed judges for that night.

The question box was found to contain quite a few questions which were answered very satisfactorily. S. Trepess exhibited some pieces of peach grafted on plum wood for the members to examine and decide as to whether the two were united or not, as it is claimed they will not unite properly, various comments were made but it was hard to say definitely whether they had or not and not show where the graft had been made. H. Cliffe, superintendent of "Mandon," gave a very interesting talk on "The Cultivation of Grapes Under Glass," for which he was very heartily thanked.

E. WESTLAKE, Sec'y.

DAYTON, O.—At a meeting of the Florists' Club held May 1 at the J. F. Young establishment H. H. Ritter, the retiring president, was presented with a cane and made acknowledgment of the neat gift.

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NEW YORK

WASHINGTON

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Everything in Cut Flowers.

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Everything in Supplies



D. Y. McIlis, Pres. Geo. W. Crawbuck, Mgr. Robert G. Wilson, Treas.

**Greater New York Florists' Ass'n.**

Wholesale Commission Florists and Dealers in Florists' Supplies.

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WHOLESALE FLORIST

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Give us a Trial We can Please you.

**HEADQUARTERS IN WESTERN NEW YORK**

Roses, Carnations and all kinds of Seasonable Flowers in Stock.

**WM. F. KASTING CO.** Wholesale Commission Florists.  
**BUFFALO N. Y.**  
Florists' Supplies and Wire Designs.

A. MOLTZ MAURICE L. GLASS

**A. MOLTZ & COMPANY,**

WHOLESALE FLORISTS

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**N. Y. Cut Flower Exchange**Coogan Bldg., 6th Ave. & W. 26th St., New York  
Open for Cut Flower Sales at 6 o'clock Every Morning.

Desirable wall space to rent for advertising.

**V. S. DORVAL, Secretary.**

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Are the best product of the best growers for the New York market.

Adiantum Croweanum sold here exclusively.

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WHOLESALE FLORISTS,

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NEW YORK

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WHOLESALE FLORIST—

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**Badgley, Riedel & Meyer, Inc.**

WHOLESALE FLORISTS

34 West 28th St., NEW YORK.

PHONES 1664 1665 Madison Sq.

Consignments Solicited

**Wholesale Flower Markets**

NEW YORK, May 17.

|                                       |             |
|---------------------------------------|-------------|
| Roses, Beauty, special.....           | 10 00@ 0 00 |
| "    "    extra and fancy.....        | 6 00@ 8 00  |
| "    No. 1 and No. 2.....             | 1 00@ 3 00  |
| "    Bride, Bridesmaid, special.....  | 3 00@ 5 00  |
| "    extra and fancy.....             | 2 00@ 3 00  |
| "    No. 1 and No. 2.....             | 50@ 1 00    |
| "    Killarney, My Mary Ind, spl..... | 3 00@ 5 00  |
| "    extra and fancy.....             | 2 00@ 3 00  |
| "    No. 1 and No. 2.....             | 50@ 1 00    |
| "    Richmond.....                    | 1 00@ 6 00  |
| Carnations.....                       | 1 00@ 3 00  |
| Callas.....                           | 4 00@ 5 00  |
| Cattleyas.....                        | 35@ 75      |
| Gardenias.....                        | 30 @ 2 00   |
| Lilium Longiflorum.....               | 2 00@ 5 00  |
| Lily of the Valley.....               | 1 00@ 3 00  |
| Narcissus P. White.....               | 1 00@ 1 50  |
| Yellow.....                           | 1 00@ 1 50  |
| Roman Hyacinths.....                  | 1 00@ 1 50  |
| Sweet Peas.....                       | 35@ 1 00    |
| Tulips.....                           | 1 00@ 2 00  |

BUFFALO, May 17.

|                                     |                  |
|-------------------------------------|------------------|
| Roses, Beauty, special.....         | 20 00@ 25 00     |
| "    "    extra.....                | 15 00@ 20 00     |
| "    No. 1.....                     | 8 00@ 10 00      |
| "    No. 2.....                     | 2 00@ 3 00       |
| "    Bride, Maid, Killarney.....    | 2 00@ 6 00       |
| "    Killarney, White and Pink..... | 2 00@ 8 00       |
| Carnations.....                     | 1 50@ 2 50       |
| Callas.....                         | 6 00@ 8 00       |
| Daisies.....                        | 1 00@ 1 50       |
| Von Sied.....                       | 50@ 2 00         |
| Lilium Longiflorum.....             | 6 00@ 8 00       |
| Lily of the Valley.....             | 3 00@ 4 00       |
| Mignonette.....                     | 2 00@ 3 00       |
| Swamp Peas.....                     | 40@ 75           |
| Trumpet Major.....                  | 50@ 1 00         |
| Tulips.....                         | 2 50@ 3 00       |
| Adiantum Croweanum.....             | 75@ 1 50         |
| Asparagus, per bunch.....           | 35@ 50           |
| Asparagus Sprengerii.....           | 35@ 50           |
| Asparagus Str.....                  | 50@ 60           |
| Ferns.....                          | per 1000. \$2 00 |
| Galax, green and bronze.....        | 15 00            |
| Smilax.....                         |                  |

**ALFRED H. LANGJAHR**

WHOLESALE FLORIST,

113 W. 28th Street, NEW YORK

All flowers in season. Consignments of first-class stock solicited.

Phones 4626 and 4627 Madison Square.

**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

**Moore, Hentz & Nash,**

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55 and 57 West 26th Street,

Telephone No. 756 Madison Square. NEW YORK.

Mention the American Florist when writing

**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

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Successor to FORD BROS.

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# Large Roses Big Bargains

Prime stock, Own Roots, Summer Grown

| Hybrid Perpetuals             | —2½ inch—   | 4 in                |
|-------------------------------|-------------|---------------------|
| American Beauty               | Doz. \$0.85 | 100 \$5.00 100 \$10 |
| American Beauty, 6 in.        |             | 15.                 |
| Anna de Diesbach              | .50         | 3½ 30.              |
| Black Prince                  | .60         | 4. 35. 10.          |
| Ball of Snow (Boule de Neige) | .50         | 3½ 30.              |
| Captain Hayward               | 1.00        | 7. 60.              |
| Clio                          | .60         | 4. 35.              |
| Dunmore                       | .50         | 2½ 30.              |
| Francis Levet                 | .50         | 3½ 30.              |
| General Jacquemont            | .50         | 3½ 30.              |
| Giant of Battles              | .50         | 3½ 30. 8.           |
| Gloire de Margottin           | .75         | 4½ 40. 10.          |
| Gloire Lyonnaise              | .50         | 3½ 30.              |
| Jubilée                       | .60         | 4. 35. 8.           |
| Madame Charles Wood           | .50         | 3½ 30. 8.           |
| Madame Massot                 | .50         | 3½ 30.              |
| Madame Plantier               | .50         | 3½ 30.              |
| Magan Chartier                | .60         | 4. 35.              |
| Paul Neyron                   |             | 8.                  |
| Prince Camille de Rohan       | .60         | 4. 35. 8.           |
| Robert Dumeau                 | .60         | 4. 35. 13.          |
| Vick's Favorite               |             | 13.                 |

| Moss Roses        |     |           |
|-------------------|-----|-----------|
| Mousseline        | .75 | 4½ 41. 8. |
| Princess Adelaide | .75 | 4½ 40. 8. |

| Climbing Hybrid Tea      |      |            |
|--------------------------|------|------------|
| Climbing Kaiserin        |      | 10.        |
| Hybrid Teas              |      |            |
| Kaiserin Augusta         | .50  | 3½ 30. 10. |
| Mme. Jenny Guillemot     | .50  | 3½ 30. 8.  |
| Mrs. Aaron Ward          | 3.50 | 2½ 4. 35.  |
| White Killarney          | 1.00 | 7. 60.     |
| White La France          | .50  | 3. 27½     |
| Teas                     |      |            |
| Bougere                  | .50  | 3. 25. 10. |
| Coquette de Lyon         | .50  | 3. 25. 10. |
| Dejeune                  | .50  | 3. 25. 10. |
| Duchesse de Brabant      | .50  | 3. 25. 10. |
| Etoile de Lyon           | .50  | 3. 27½     |
| Golden Gate              | .50  | 3. 27½     |
| Ivy                      | .50  | 3. 25. 10. |
| Mlle. Francis Krueger    | .50  | 3. 25. 10. |
| Mario Lambert (Snoowake) | .50  | 3. 25. 10. |
| Maria Louise             | .50  | 3. 25. 10. |
| Maria van Houtte         | .50  | 3. 27½     |
| Papa Gontier             | .50  | 3. 27½     |
| Rainbow                  | .50  | 3. 27½     |
| Queen of Wands           | .50  | 3. 27½     |
| White Bougere            | .50  | 3. 25. 10. |
| Wm. R. Smith             | .50  | 3½ 30. 10. |

| Climbing Tea                |     |            |
|-----------------------------|-----|------------|
| Climbing Debutante          | .50 | 3. 25. 10. |
| Cloth of Gold (Chromatella) | .50 | 3. 25. 10. |
| Reve d'Or (Golden Chain)    | .50 | 3. 25. 10. |
| Climbing Safrano            | .50 | 3. 25. 10. |

| Rambler                     |      |              |
|-----------------------------|------|--------------|
| Crimson Rambler             | .50  | 3. 25. 10.   |
| Flower of Fairfield         | 1.75 | 12½ 100. 25. |
| Everblooming Cr. Rambler    | 1.75 | 12½ 100. 25. |
| Kewstone                    | .50  | 3. 25. 10.   |
| Philadelphia                | .50  | 3. 25. 10.   |
| Pink Rambler (Euphrosyne)   | .50  | 3. 25. 10.   |
| Tausendschon                | .50  | 3. 25. 10.   |
| Trier                       | .50  | 3. 25. 15.   |
| Vielchenblau (Blue Rambler) | 1.00 | 6. 50. 15.   |
| White Rambler               | .50  | 3. 25. 10.   |
| Yellow Rambler (Aglaia)     | .50  | 3. 25. 10.   |

| Multiflora               |     |            |
|--------------------------|-----|------------|
| Seven Sisters (Greville) | .50 | 3. 25. 10. |
| Hybrid Wichuraiana       |     |            |
| Debutante                | .50 | 3. 25. 10. |
| Hiawatha                 | .50 | 3. 27½     |
| Mauds's Triumph          | .50 | 3. 25. 10. |
| Sweetheart               | .50 | 3. 25. 10. |
| White Dorothy Perkins    | .50 | 3. 25. 10. |

| Climbing Noisettes   |     |            |
|----------------------|-----|------------|
| Lamarque             | .50 | 3. 25. 10. |
| Mary Washington      | .50 | 3. 25. 10. |
| Rome Marie Henriette | .50 | 3. 25. 10. |
| Suffrute             | .50 | 3. 25. 10. |
| Wm. Allen Richardson | .60 | 3½ 30. 15. |

| Dwarf Ramblers     |     |            |
|--------------------|-----|------------|
| Catherine Zeimet   | .50 | 3. 25. 10. |
| White Baby Rambler | .50 | 3. 25. 10. |

| Hybrid Polyantha |     |            |
|------------------|-----|------------|
| Clothilde Souper | .50 | 3. 25. 10. |
| Mosella          | .50 | 3. 25. 10. |
| Yellow Souper    | .50 | 3. 25. 10. |

| Climbing Hybrid Polyantha |     |            |
|---------------------------|-----|------------|
| Climbing Clothilde Souper | .50 | 3. 25. 10. |
| Bengel or China           | .50 | 3. 25. 10. |


| Hybrid Rugosa   |     |            |
|-----------------|-----|------------|
| Conrad F. Meyer | .60 | 4. 35. 12. |

| Hybrid Noisette             |     |            |
|-----------------------------|-----|------------|
| Mme. Wagram (Cl. P. Neyron) | .50 | 3½ 30. 10. |

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Fuchsias, 5 in. .... 10.00

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10c 5 in. .... 15c each

Clematis Panicleata, 5½ in. pots. 15 to 20c each

Ampelopsis Veitchii, 4 in. 15c 5 in. 20c each

Crimson Rambler Roses, 6 in. pots. .... 50c

Cobea Scandens, 4 in. .... 50c 75c \$1.00 each

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Araucaria Excelsa, new importation, out of 5, 5½, and 6 in. pots. 2 to 3 years old, 3, 4 and 5 tiers, 18, 12, 14, 16, 18, and 20 inches high. 40c 50c 75c and \$1.00 each

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Kentia Belmoreana, combination or made up of 3 plants, 3 year old. 24 to 26 inches high. 75c to \$1.00.

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Draena Brucati, 6 in. pots, suitable for vases. 35c to 40c.

Crimson Rambler Rose Bushes, 6 in. pots. 30, 35 and 40 in. high. 50c, 75c to \$1.00.

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Phlox Drummondii, dwarf and grandiflora.

French dwarf Tagetes (the queen of the Marigolds).

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California Giant Petunia, 3 in. \$5.00 per 100.

Asters, 4 separate colors, 2½ in. pots.

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These are not dug from the field, but are one-year-old, field-grown plants which were dug early in the season, cut back, potted up into three-inch pots, and are now well established, with a good ball of soil, and will give a wealth of bloom this season.

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**La Mahdi** (Tall.) Deep reddish-violet, with darker eye.  
**Louise Abheima** (Dwarf.) Very large dwarf, pure white, of fine form.  
**Mme. Paul Dutrie** (Tall.) A delicate lilac rose, reminding one of some of the beautiful soft pink Orchids.  
**Mozart** (Tall.) Ground color white, suffused salmon; aniline-red eye.  
**Mrs. Jenkins** (Tall.) The best tall early white for massing.  
**Obergartner Wittig** (Medium.) Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.  
**Pantheon** (Tall.) Bright carmine rose.  
**Prosper Heuri** (Dwarf.) Pure white, with large decided eye of rosy magenta.  
**Pacha** (Dwarf.) Deep rose pink, suffused with sofferino-red and carmine-purple eye.  
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**Sunshine** (Dwarf.) Large, aniline-red with crimson-red eye and light halo.  
**Selma** (Tall.) Large flower, pale rose mauve, with claret-red eye.  
**Siebold** (Tall.) Bright vermilion-red, overlaid with orange scarlet; crimson-red eye.

**Albion** (Medium.) One of our own introductions; producing very large panicles of pure white flowers with a faint aniline-red eye.  
**Antonia Mercie** (Medium.) Light ground color, upper half of petal deeply suffused bluish blue; large white halo.  
**Bacchante** (Tall.) Tyrian rose with crimson-carmine eye.  
**Bernanger** (Dwarf.) Ground color white, delicately suffused with rosy pink, distinct amaranth-red eye.  
**Bridesmaid** (Tall.) White, with large crimson-carmine centre.  
**Belle Alliance** (Medium.) White, with large pure red eye.  
**Clara Benz** (Dwarf.) Lovely carmine rose, with darker eye.  
**Colibri** (Tall.) White, with crimson-carmine centre; very late.  
**Consul H. Trost** (Medium.) Pure red, with bright French-purple eye.  
**Champs Elysees** (Dwarf.) A very bright rosy magenta.  
**Caran d'Ache** (Medium.) Geranium-red, with old rose shadings and white eye; very effective.  
**De Miribel** (Medium.) White, suffused with bright rosy scarlet, red eye.  
**Edmond Rostand** (Medium.) Reddish violet, shading brighter towards the centre, with an exceptionally large white centre.  
**Eugene Danzavillier** (Tall.) Lilac, shading white towards the edges; large white centre.  
**Edmond Boissier** (Dwarf.) Bright reddish-violet, with large white halo.  
**Eclairer** (Tall.) Brilliant rosy magenta, with large lighter halo.  
**General Giovaninelli** (Dwarf.) Bright tyrian rose, with light shadings at the base of each petal, a pure red eye; very effective.  
**General von Heutz** (Medium.) Scarlet, with rose shadings and crimson-red eye.  
**Hermine** (Dwarf.) The dwarfest variety in our collection, never exceeding ten inches in height; pure white flowers of good size, early; unequalled for bordering; a perfect little gem.  
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**Henry Boyer** (Medium.) Tyrian rose, with lighter shadings.  
**Jules Cambon** (Medium.) Brilliant reddish-purple, with exceptionally large, pure white centre.  
**Jeanne d'Arc** (Tall.) A good standard late white.  
**Louis Blanc** (Tall.) Reddish-violet, with purple shadings and darker eye.  
**La Vague** (Medium.) Pure mauve, with aniline-red eye.

**Sarabande** (Medium.) Reddish-violet, with lighter shadings.  
**Von Goethe** (Tall.) Tyrian rose, suffused with carmine lake and carmine-red eye.  
**Von Hochberg** (Tall.) The ideal crimson Phlox.  
**Vesuvius** (Medium.) One of our own seedlings; pure red with bright purple eye; a dazzling color.  
**Von Lassburg** (Medium.) The purest white in cultivation, individual flowers larger than any other white.

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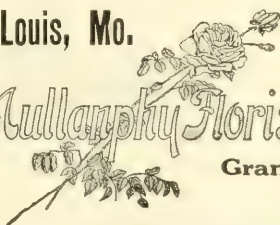
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Rotterdam, Holl.-Amer., 10 a. m., Hoboken Pier.  
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May 24.

Manretnania, Cunard, Piers 54 and 56, North  
River.  
Oceanic, White Star, 3 p. m., Piers 60 and 61,  
North River.  
FROM PHILADELPHIA, Graf Waldersee, Ham-  
Amer., 11 a. m.

May 25.

La Savole, French, 10 a. m., Pier 57, North  
River.  
Germania, Fabre, 3 p. m., Amity Dock.  
FROM MONTREAL, Lake Manitoba, Can. Pac.,  
daybreak.

May 26.

FROM BOSTON, Numidian, Allan, 9 a. m., East  
Boston Pier.  
FROM MONTREAL, Victorian, Allan.

May 27.

Princess Irene, No. Ger. Lloyd, 11 a. m., Ho-  
boken Pier.  
Vanderland, Red Star, 10 a. m., Pier 59, North  
River.  
St. Paul, Amer., 9:30 a. m., Pier 62, North  
River.  
Caledonia, Anchor, 9 a. m., Pier 64, North River.  
Niagara, French, Pier 84, North River.  
Chicago, French, Pier 84, North River.  
FROM PHILADELPHIA, Friesland, 10 a. m.,  
Pier 54.  
FROM MONTREAL, Teutonic, White Star-Dom.,  
9 a. m.

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Chicago—A. Lange, 25 E. Madison St., Chicago.  
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Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rock mere, Marblehead, Mass. June 20-22, 1911.

NEW YORK.—Chas. Loechner has taken Oscar Haase into partnership, and under the style of Loechner & Co. will do a general import and export business at 11 Warren street.

CINCINNATI, OHIO.—J. Chas. McCullough reports the best season for some years. He deposes the shipment of large lots of low grade (Buffalo) mixed grass seed into the Cincinnati market.

WISCONSIN pea growers have in their usual acreage. They are working back west from Lake Michigan, away from the Sturgeon Bay section, there being too many "farmer stocks" abroad in that locality.

It is stated at New York that freight rates between Japanese and American ports have been advanced 10 cents per hundred pounds. The steamship commissioners at the Japanese ports have appointed a sworn official to weigh and record all cases of bulbs leaving there.

VISITED CHICAGO: Jesse E. Northrup and daughter, Minneapolis, Minn., returning from Atlantic City, N. J.; John J. Van Waveren, representing L. Van Waveren & Co., Hillegom, Holland; Frank H. Henry, of Henry & Lee, New York, en route to the Pacific coast; G. C. Eldering, of W. J. Eldering & Son, Overveen, Holland.

A NEW and important feature of the programme of the American Seed Trade Association at the next annual meeting, to be held at Marblehead, Mass., June 20-22, will be telegraphic crop reports from all of the seed-growing sections of the United States. These reports will be strictly private and confidential to members of the association.

CHICAGO.—Prices on the board of trade May 17, for grass seed were noted as follows: Timothy, \$10.50 to \$12 per 100 pounds; white clover, from \$22 to \$30.—Department stores of this city are pushing low-grade mixed lawn grass seed; four cars of the Buffalo low-grade lawn seed are said to have been placed on this market, much in 10-cent stores.

### Standards of Germination and Purity.

As a guide in determining whether the germination is good or poor the United States Department of Agriculture has compiled a table of standards, showing what percentage of the different seeds should grow. These figures are, for the principal farm seeds: Bluegrass 45-50 per cent, celery 60-65, alsike and white clover 75-80, onion 80-85, alfalfa, crimson and red clover, sweet corn, meadow fescue, millet, timothy, and tomato 85-90, barley, beans, buckwheat, cabbage, field corn, oats, and wheat 90-95, peas 93-98, and beet, because of multiple seeds in a seed ball, 150. As to purity: Bluegrass may show 10 per cent of foreign material and still be considered a good sample, alsike and white clover 5 per cent, alfalfa, celery, crimson clover, timothy and tomato 2 per cent, but all others on the above list are below standard if they show more than 1 per cent of other seeds or refuse.—Geneva (N. Y.) Exp. Stn. Bulletin.

### Hyacinths for Forcing.

Hyacinths for forcing are not a natural product as many suppose. The bulbs of certain varieties are given special treatment to insure early flowering. The bulbs are dug about two weeks before they are ripe and placed in a room which is heated by steam to a temperature of 70°, Fahrenheit, where they remain three weeks and are then moved to a cooler room. When the bulbs are brought inside, the new flowering buds have set and the application of heat continues the development of the buds, bringing them to a point from which they readily develop flowering specimens. It is of great importance that the prepared bulbs are planted or potted early, at least before October, if required to bloom at Christmas.

All varieties of hyacinths are not adapted to this preparatory treatment and in those that are suitable bulbs 16-18 centimeters in circumference give the best results. This is the size of the bulbs after they have gone through the heating process, when they are at least two centimeters smaller than before they were subjected to the heat, being good sized bulbs at the outset.

The varieties which give best results under this treatment are L'Innocence, single white, General Pellissier, single red, and Potgieter, light blue. Grand Maitre, single blue, and Gertrude, single rose, have not been a

success as prepared bulbs thus far, but with further experiments the growers may produce bulbs of these and other varieties suitable for early forcing.

### American Seed Trade Association.

The annual convention of the American Seed Trade Association will be held at Marblehead, Mass., June 20-22, 1911. The Hotel Rock-mere has been selected as headquarters. This is one of the best hotels on the famous north shore of Massachusetts, occupying a beautiful location which commands a view of one of the finest and most interesting harbors on the Atlantic coast. On one side of the deep waters and bold rocky coast of this harbor are the beautiful summer homes; and on the other the old colonial fort, and the old town of Marblehead with its ancient churches, its hip-roofed houses with brass door knockers and little old fashioned gardens; its winding, twisting streets, and its ancient and historic landmarks, making it one of the most interesting places on the New England coast. This makes a vivid and contrasting picture of the old and the new, and nearly every room in the Rock-mere commands this beautiful view. Marblehead is only 17 miles from Boston and trains leave the North station every hour. Tickets can be purchased direct to Marblehead and baggage checked through.

It is thought by some of the officers of the association that this, the twenty-ninth annual convention, will be the largest ever held. Extra efforts are being made for an unusually good programme, and there will be plenty of amusement, with special entertainment provided for the ladies.

E. L. PAGE, President.

### A Colored Freesia.

C. Van Tubergen, Haarlem, sends us flowers of a variety of Freesia which he calls Conquest, and which he describes as the best he has raised up to the present. The plants grow tall and strong, are wonderfully free-flowing, and the flowers have a white tube with magenta-colored segments or lip. The color is more pronounced than in any freesia we have seen. This variety has been obtained by intercrossing the best of what are known as the Tubergeni freesias.—Gardeners' Chronicle.

THE seed business in the west continues brisk notwithstanding the hot weather.

SALT LAKE CITY, UTAH.—Horace Cheesman of Vaughan's Seed Store, Chicago, is calling on the trade here.

FORMOSA lily bulbs, it is said, will be harvested somewhat earlier than usual this season, Japanese buyers and dealers starting May 15 for the island region in which they are produced.

FRANK H. HENRY and wife and daughter, of New York, left Chicago May 16 for San Francisco, where they will meet Robt. Fulton, of L. Boehmer & Co., Yokohama, Japan, who has been recuperating at a sanitarium in the mountains near San Diego. If Mr. Fulton's health does not permit him to make the regular trip to Japan at this time, Mr. Henry will go in his place, sailing May 24.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

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Trade Only.

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## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



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Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

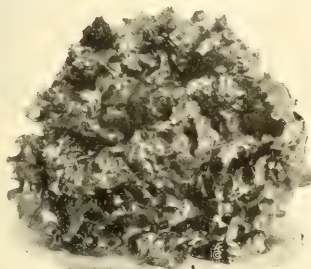




Black Seeded Simpson.

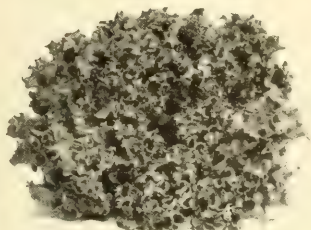
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Cal. Cream Butter.



Salamander.

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## Tuberous Rooted Begonias

In four separate colors **White, Scarlet, Yellow, Pink**

Single ..... \$2 50 per 100; \$20 00 per 1000  
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## LILY BULBS

Per 100  
Lil. Auratum, 9-11 ..... \$8 00  
Lil. Album, 8-9 ..... 7 50  
" " 9-11 ..... 10 00

Per 100  
Lil. Rubrum, 9-11 ..... \$ 8 00  
Lily of the Valley Clumps ..... 20 00

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The first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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Originally introduced by us from South Carolina in 1850 and annually grown for over sixty years under the zero winter temperature of Bloomsdale Farms, the **Landreth's strain of Seven Top** has obtained by this northern culture, a hardiness not approached by southern-grown seed. All inferences would point that way, while thousands of experiments have conclusively proven it beyond a shadow of doubt; consequently one pound of **Landreth's Seven Top** will, in the dead of winter produce more greens than can be cut from three times the more delicate southern-grown Seven Top.

Write us how much you want, and we will name you a price.

**D. LANDRETH SEED COMPANY,** Bloomsdale Farms, Bristol, Pa.

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### Lil. Formosum.

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| 5-6-in. Cir..... | \$10 00 | \$ 90 00 |
| 6-7 " " " " " "  | 16 00   | 130 00   |
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(The Japanese Horticultural Co., Ltd.)

P.O. BOX 1

**IKEDA, SETISU, Japan.**

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### Specialties:

Onions, Peppers, Early Tomato Cauliflowers, Beans, 97 varieties, Melons, Celery, Egg Plants.

SEEDS: Grown on contract for the United States Seedsmen by

**Federico C. Varela, Teneriffe, Canary Is. and Spain.** Enquiries requested: I do not supply growers direct.

BANGOR, ME.—In the conflagration which visited this city Sunday, April 30, A. J. Loder lost all his furniture and household effects, but the greenhouses were not in the fire zone and escaped.

TORONTO, ONT.—E. T. Collins, chief horticulturist at the Allan Gardens, delivered a lecture before the Toronto Horticultural Society May 1 on "The Preparation of Lawns, Walks and Border Beds" and Thomas Manton an address on "The Preparation and Planting Out of Annuals."

## SEED PACKETS

We manufacture a full line of

### Packets for the Seed Trade

Packets sufficiently transparent for mailing.

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**Overveen, Haarlem, Holland**

**Headquarters for High Grade Hyacinths, Tulips, Narcissi**

## Quality With Fair Prices

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### S. M. Isbell & Co.,

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**CONTRACT SEED GROWERS,**  
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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns  
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If you take interest in Cabbage, Cauliflower, Tomato, Carrot, Mangel, Swede and Turnip, please apply to

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### Well Grown Bulbs of Lilium Harrisii

Sizes: 5 to 7, 6 to 7, 7 to 9,  
and upwards.

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Import List  
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 All Lily Bulbs  
from all the World  
at right prices.

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NEW YORK. CHICAGO.



# Chrysanthemums

Two good American seedlings: **F. E. Nash**, light pink Japanese, and **Pioneer**, a beautiful soft pink with wide petals, toothed at the end. These were both certified by the C. S. A.

We are now in a position to supply good stock of these varieties at \$5.00 per dozen; \$35.00 per 100.

We catalogue over 500 varieties in addition to these here described. If you are interested write us.

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For the Wholesale Seed Trade.

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For Present Delivery.

We can offer: Early Purple-top Strap-leaved, Early Purple-top Globe Green-top and Purple-top Yellow Aberdeen, Amber Globe, Sweet German, Purple-top Mammoth, Lines Red Globe, Grey-stone, Imperial Green Globe, Red Milan and American Purple-top Rutabaga. Ask for prices.

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**BULB PLANTS**  
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B. Beauty, \$2 50; David Harum, \$2 00; Marlborough, Austria, America, Italia, Egandale, Pennsylvania, \$1 50 per 100.

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|                                 |         |
|---------------------------------|---------|
|                                 | Per 100 |
| 18 to 24 inches .....           | \$5 00  |
| 2 to 3 feet .....               | 6 00    |
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| Tree shaped, 3 to 3½ feet ..... | 8 00    |
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In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

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Just arrived — a large consignment of Cattleyas, Trianae, Mendell, Mosie, Schrodere, Speciosissima, Gigas Sanderiana, Gaskelliana, Miltonia Veitiana.

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**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.

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Sell Your Own We will make it for you, under your own brand, for \$28.00 per ton. Send today for sample 100 lb. bag, \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food — Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food — stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."

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Sweet Pea and Nasturtium Specialists

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## FLOWER and GARDEN SEEDS

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## ROEMER'S Superb Prize PANSIES

The finest strain of Pansies in the World. Introducer and Grower of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

**FRED. ROEMER, Seed Grower, Quedlinberg, Germany.**

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### SEED

Fresh, true to name and highest germination. \$2.25 per 1000.

**DRAKE POINT GREENHOUSES, YALAHUA, FLORIDA.**

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Plant now the hardy varieties: also Hardy Tea Roses, Iris, Hardy Perennials. **Phlox Miss Lingard**, fine stock. 75c per doz.; \$5.00 per 100. Clumps, \$2.00 and \$3.00 per doz.; \$15.00 and \$20.00 per 100. **Papaver Orientalis**, choice named varieties, \$8.00 and \$10.00 per 100.

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## GLADIOLUS

Cinnamon Vines, Madeira Vines,

Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

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## Weekly Bulletin.

Prime stock ready for immediate delivery. Price except where otherwise quoted \$3.00 per 100; \$25.00 per 1000. Not less than 25 of a kind at hundred and 250 at thousand rate.

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### YELLOW.

Golden Glow, (Yellow October Frost, \$4.00-\$35.00), Comoleta, (Yellow Ivory, \$4.00-\$35.00), (Donatello, \$5.00-\$45.00), Major Bonafon, (Dolly Dimple, \$4.00-\$35.00), (Roman Gold, 50c each, \$4.00 per ten, \$35.00 per 100), (Golden Chadwick, \$5.00-\$45.00), Yellow Mrs. Jones, (Nagoya, \$4.00-\$35.00).

### PINK.

Unaka, 50c each, \$4.00 per ten, \$35.00 per 100. Glory of Pacific, Pacific Supreme, Gloria, Pink Ivory, Mrs. Wm. Wincott, (Patty, \$4.00-\$55.00), Minnie Bailey, Maud Dean, Helen Frick.

### ANEMONES.

White — Garza, Mrs. August Knab. Yellow — Gertude Wilson, Lida Thomas. Pink — Ada Sweet, Catherine Simmons, Vayenne,

### POMPONS.

White — Diana, Lula. Yellow — Baby, Iva, Klondike, Skibo. Pink — Alma. Bronze — Clorinda. Singles. White — Lady Lu. Yellow — Little Barbee. Pink — Catherine Livingston, Itaska, Lillie Godfrey, Alice Bronson Houston, Mrs. J. A. Peterson, Red — Bishop Henninghaus, Minnesota. Bronze — Arlee, Peter Pan.

This bulletin will be changed each week to comply with stock on hand. Rooted cuttings will be furnished at 50c per hundred, \$5.00 per thousand less than prices quoted above.

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ADRIAN, MICH.

# A. N. PIERSON

INCORPORATED

Cromwell, Conn.

## Now is the Time to Plant ROSES

**Has Your Order of Rose  
Stock Been Placed?**

If not, it should be at once; and we are in the market to supply it. Remember that we are headquarters for Grafted Roses, and are especially strong on Standard Commercial Varieties.

We are ready to supply in quantity  
as well as quality:

**Killarney, White Killarney,  
Richmond, My Maryland,  
Bride and Bridesmaid.**

These varieties from 2¼-in. pots.

**\$15.00 per 100, \$120.00 per 1000.**

Special price on 5,000 or more plants.

The Newer Roses we have called to your attention before. We hope you saw them at The National Flower Show:

**Double Pink Killarney, Prince de  
Bulgarie, Mrs. Aaron Ward,  
Dark Pink Killarney  
and Radiance.**

Let us know your wants



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 539 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

### Prices of Indoor Fruits and Vegetables.

New York, May 13.—Mushrooms, 45 cents per pound; cucumbers, 60 cents to \$1.50 per doz.; tomatoes, 10 to 20 cents per pound; grapes, \$2 per pound; lettuce, \$1.25 to \$1.75 per strap.

Chicago, May 15.—Mushrooms, 20 cents per pound; cucumbers, \$1.00 to \$1.75 for two dozen; lettuce, 25 cents per pound; radishes, 40 cents to 50 cents per dozen bunches.

### Pruning and Training Tomatoes

In the growing of early tomatoes at the Illinois Agricultural Experiment Station the influence of pruning and training upon the early ripening and yield were studied carefully in the experiments, the following methods being employed: pruned to single stems and topped after setting three clusters of fruit, pruned to single stems not topped, pruned to single stems early in the season and then allowed to branch, pruned to two stems, pruned to three stems, tied to stakes not pruned, neither staked nor pruned. The plants pruned to single stems sometimes ripened their first specimen earlier than unpruned plants, but in other cases the reverse was true, but in every instance the plants pruned to single stems produced low yields much lower than those from plants less severely pruned or left unpruned. The proportion of the crop which was marketable was much greater from the plants which were staked than from those unstaked, owing to the rotting of the fruit in contact with the ground in wet weather, and the injury by sunburning of the fruits unprotected by the foliage in hot weather, but the loss from these causes varies according to the differences from rainfall and the intensity of heat.

Pruning is often recommended as a means of increasing the size of tomatoes, but this was found to have but little effect upon the size of the fruit, and in only one case did the plants pruned to single stems produce the largest fruit, but pruning to single stems reduced the foliage to such an extent that the fruit was badly exposed and sunburning and cracking of the fruit followed. Whether or not tomatoes should be staked and tied or lie naturally upon the ground seems to depend upon local conditions. In localities where tomatoes are subject to rot and sun-scall it is a decided advantage to have them upon stakes, and another factor is the difference in cost of the stakes in different localities.

JOPLIN, Mo.—The park board has distributed about 1,500 trees to its citizens and the erection of a greenhouse is contemplated by the board for the raising of plants and small shrubbery.

EL PASO, TEX.—J. B. Watson has induced the Connell farm to plant four acres to peonies, sweet peas, Shasta daisies and other flowers and will have these products for sale at his store.

### Davenport, Ia.

The cut flower trade has fallen off greatly during the past week and there is plenty of everything to meet all demands. Mothers' day, May 14, created quite a demand for white flowers, and all the white flowers the growers had were ordered several days in advance, the calls from the various churches being greater this year than last. This day could be worked into a permanent thing if the florists throughout the country would encourage it while they have that opportunity. Plant business has opened with a rush and every one connected with that line is up and hustling these days. No doubt this is going to be a banner year in the plant business, if the opening rush is any indication.

### CLUB MEETING.

In spite of the fact that every florist is nearly worked to death, a goodly number turned out at the regular monthly meet which was held at the home of Henry Pauli, Davenport, and no one who attended regretted it, for a very interesting and entertaining meeting was held. "Roses" was the evening's topic, with the possibilities of Mothers' day as a side issue. John T. Temple remarked that owing to the fact that white flowers are always hard to obtain, it would be a fine thing for the florist to educate the public into using white flowers for the departed mothers and bright flowers for mothers who were living, thereby distributing the demand among the several colors, and urging all members of the club in getting their home papers to take up the idea. One new member was elected to membership, after which the club was treated to a fine supper and a social hour enjoyed. The next meeting will be in the nature of the sixth annual strawberry feast at Pres. Theo. Ewoldt's home, Floral Hill Gardens, some time in the latter part of June.

T. E.

### Connecticut Horticultural Society.

On the evening of April 28, the date on which our schedule called for an exhibition of hardy primroses, owing to the unusual lateness of the season we transferred our thoughts to the amaryllis, and had a splendid exhibition of potted flowers in full bloom of the hybrid varieties by President Huss from the Goodwin greenhouses. He also showed potted plants of *Spiraea Queen Alexandra* and a most beautiful bush plant of azalea with a mass of light red blooms, about 4½ feet in diameter, and rivaling, according to John Gerard, some of the best specimens shown at the National Flower Show. The *Bougainvillea Sanderiana*, with its gaudy red bracts and magnificent bloom, was also contained in the collection. Mr. Huss and his able assistant, Francis Roulier, both related many facts concerning the culture and characteristics of these species of plants, and President Huss was heartily applauded and thanked for his instructive paper on the amaryllis. J.

A. Weber also staged two fine heads of May King lettuce and two pots of Marshall strawberry in bearing, rich with aroma and tempting as anything ever set before a king. William A. Kinne, of New Britain, showed a fine white orchid of the *Dendrobium* species.

The judges, Howard A. Pinney, John Gerard and T. B. Brown, made awards as follows: Diploma to J. F. Huss for each of the azalea and amaryllis displays, honorable mention for the *Bougainvillea*; certificate of merit to J. A. Weber for the strawberries and lettuce, and a certificate of merit to W. A. Kinne for the orchid.

On October 23 we are promised a treat in the form of a lecture in Hartford by J. K. M. L. Farquhar, of Boston, on "Japanese Gardens."

GEORGE W. SMITH, Sec'y.

ROCHESTER, N. Y.—At the meeting of the Rochester Florists' Association, held May 8, C. B. Ogsten delivered an address on "The Growing of Flowers in the South."

NORTH GROSVENORDALE, CONN.—George J. Gurgins, who has been with C. S. Andem the last three years, has accepted a position as manager of a large greenhouse on Long Island, N. Y.

### VEGETABLE PLANTS.

Cabbage, Wakefield, All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.

Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1.00 per 1000; 10,000 and over 85c per 1000.

Celery, York Plum, \$1.00 per 1000.  
Beet, Crosby, Eclipse and Eclipse, \$1.25 per 1000. Cash with order.

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REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1874.)

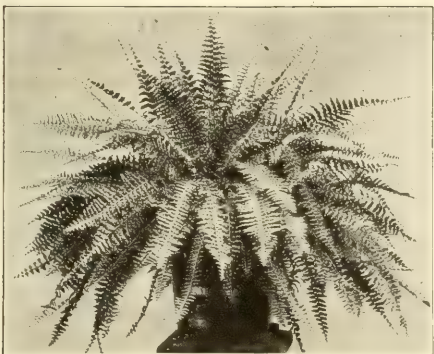
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**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# The Grandest Fern of the Age Nephrolepis Roosevelt



## Important Special Notice PRICE ADVANCE

The heavy demand from those who have seen Nephrolepis Roosevelt growing on our place and scarcity of stock compels us to advance the price on all orders dated after June first to the following. 2 1-4 inch pots, 50c each; \$4.50 per dozen; \$35.00 per 100; \$300.00 per 1000.

It is our belief the price of Nephrolepis Roosevelt for 1911 will be maintained during the season of 1912.

Nephrolepis Roosevelt is a sport from Nephrolepis Bostoniensis, but a wonderful improvement over the parent variety. The fronds of Roosevelt are from a third to one-half wider than Boston and beautifully tapered from base to tip. Each pinna is distinctly undulated, giving the whole plant a decided wavy effect, which attracts the eye instantly. Nephrolepis Roosevelt will make more young plants, produce a third more fronds, has more graceful drooping habit and finish to a larger and finer plant in small pots than any other fern on the market. Our stock is positively free from that vicious little white scale which is causing fern growers so much trouble.

Orders received to June first will be booked at the following prices: 2 1-4-inch pots, 40c each; \$3.50 per dozen; \$25.00 per 100; \$200.00 per 1000. Twenty-five plants at hundred rate; 250 plants at thousand rate.

**GOOD & REESE CO.,**

LONGEST ROSE GROWERS  
IN THE WORLD.

**Springfield, Ohio.**

### A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3 1/4 inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.  
Price: Per 100 \$12.00; per 1000 \$100.00; per 5000 \$400.00. 25 at 100; 75 at 1000 rates. Place your order now to be in on early deliveries.

**Nic. Zweifel, North Milwaukee, Wisconsin**

Mention the American Florist when writing

## ROSES

A SPECIALTY.

**The Dingee & Conard Co.,  
WEST GROVE, PA.**

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### SUPERB STRAIN PANSIES Now Ready

50,000 fine fall transplanted pansies, in bud and bloom, \$1.25 per 100; \$10.00 per 1000. Cash with order. A trial order will convince you that these are the best you ever had. You need them for your particular trade.

**Leonard Cousins, Jr., Concord Junction, Mass.**

**Always** mention The American Florist when you order stock.

## ROSES! ROSES! ROSES! Special Own Root Stock.

White Killarney, Pink Killarney, Richmond, My Maryland, Mrs. Jardine, American Beauty,

2 1/4-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Kaiserin, Chateau, Golden Gate,

2 1/2-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2 1/4-inch pots.

Send for circular.

**J. L. DILLON, Bloomsburg, Pa.**

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FLORIST,

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## SPIREAS

Fine Forcing Clumps

Gladstone.....\$9.00 per 100

**VAUGHAN'S SEED STORE**  
CHICAGO NEW YORK

## ROSES

|                                                                       | 2 1/2-in. | 100     | 1000 |
|-----------------------------------------------------------------------|-----------|---------|------|
| Pink Killarney,.....                                                  | \$6.00    | \$55.00 |      |
| Richmond,.....                                                        | 5.00      | 45.00   |      |
| Perles, Ready April 1.....                                            | 5.50      | 50.00   |      |
| Richmond, Now ready                                                   |           |         |      |
| 3 1/2-inch.....                                                       | 8.00      | 65.00   |      |
| Cut back bunched Pink Killarney, \$80.00 per 1000; good strong stock. |           |         |      |

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**AMERICAN FLORIST.**



## The Nursery Trade

### American Association of Nurserymen

W. F. Stark, Louisiana, Mo., President;  
E. S. Welch, Shepardsburg, Ia., Vice-President;  
John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

S. A. DE GRAAFF, senior member of the firm of de Graaff Bros., Ltd., Leiden, Holland, died at that place April 25, age 71 years.

### American Association of Nurserymen.

The interest in the great convention of this organization to be held in St. Louis, June 14-16, is on the steady increase. Any member who has not yet made arrangements for representation in the badge book should attend to the matter at once, so as to ensure registration.

The programme as has already been announced, is one of exceptional merit and will appear in the badge book, as will also the arrangements of the entertainment committee. The book will be mailed to members in advance of the convention. The secretary will provide a badge of unique design and beauty, and these will be handed to members on their arrival at convention headquarters, the Southern Hotel. In regard to railroad arrangements, excursion fares and tourists rates will be available at Californian and North Pacific coast points, and members should at once visit their local ticket agent for particulars. Those living in the near west, and the southern, middle and eastern states, should also consult their ticket agents immediately.

JOHN HALL, Sec'y.

### Gypsy and Brown Tail Moths.

The Department of Agriculture has issued Bulletin No. 453, entitled "Danger of General Spread of the Gypsy and Brown Tail Moth Through Imported Stock" which calls attention to the infestation of stock coming largely from northern France, with the nests of the brown-tail and occasional egg masses of the gypsy moth, and issues a general warning to all users of such imported plant stock, namely, to nurserymen, fruit raisers and purchasers of ornamentals for city or park planting, to keep all such imported stock under strict watch to see that these

pests do not develop. Early in 1909 it was discovered that nests of the brown-tail moth were being introduced into this country on imported European nursery stock by the New York state inspector, and information was secured concerning nearly 800 shipments, divided among 35 states, and in shipments to 15 of these states nests of the brown-tail moth were found. In 1910 291 different shipments were found to be infected which were distributed in the following states: Colorado, Connecticut, Georgia, Illinois, Indiana, Kansas, Louisiana, Michigan, Montana, New Jersey, New York, Ohio and Virginia. In the 1909 shipments beside the foregoing states infected shipments were found in Iowa, Kentucky, Maryland, Massachusetts, Missouri, Nebraska, North Carolina and Pennsylvania.

The inspection of this stock under the present law is far from adequate to prevent the spread of the dangerous insects, and in some instances is undoubtedly indifferent or worthless, and the danger of importations is proven in the enormous cost in New England in combating these insects. Massachusetts has spent millions and the National Government is now appropriating \$300,000 a year to prevent their spread to other states. The enactment of an adequate inspection and quarantine law should be passed at the earliest moment, for at the present time, with strict inspection and quarantine laws in all the continental countries of Europe, the United States has become a dumping ground for material which could not be sold in Europe, and which is poorly packed and often diseased and insect-infected. Much of this stock is imported by our department stores in our larger cities and unscrupulous nurserymen.

A description of these two insects and their work with illustrations of their nests, the caterpillars and moths, is printed in the Bulletin. The brown-tail moth is very deleterious to health, the hairs of the caterpillar causing a very troublesome rash, and these breathed into the lungs may cause inflammation and become productive of tuberculosis. All the government assistants in New England have been seriously poisoned, and two had to give up work and go to the southwest to recover from pulmonary troubles superinduced by the hairs of the brown-tail moths, and the death of one man employed was due to severe internal poisoning contracted in field work against larvae.

## Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangeas P. O., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

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## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.  
P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa

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## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.  
Write for descriptions and prices.

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## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up; 1000 in 10 distinct kinds, either show, decorative or Cactus, our selection of kinds for \$40.00. Cash.  
Canna Roots, Strong division, at \$2.00 per 100. \$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

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## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

## ANDORRA NURSERIES.

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## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready.

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# Notice To The Trade.

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Your obedient servant,

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# W. Van Kleef & Sons,

## Wholesale Growers of Nursery Stock

### Boskoop, Holland.

Beg to announce that their Mr. W. Van Kleef, Jr., is again in America calling on the trade. Please ask our prices before placing your esteemed Import Orders elsewhere; they will certainly interest you.

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### Extra Fine Stock

#### AMPELOPSIS VEITCHII

|                   | Each   | Doz.   | 100     |
|-------------------|--------|--------|---------|
| 2-year-old plants | \$0 15 | \$1 75 | \$12 00 |
| 3-year-old plants | 20     | 2 00   | 15 00   |

#### AMPELOPSIS ENGELMANNI

|                   | Each   | Doz.   | 100     |
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| 3-year-old plants | \$0 25 | \$2 40 | \$15 00 |
| 4-year-old plants | 30     | 3 00   | 20 00   |

#### CLEMATIS—Large Flowering

|           |        |              |                  |
|-----------|--------|--------------|------------------|
| 2-yr. ea. | \$0 30 | doz., \$3 00 | per 100, \$20 00 |
| 3-yr. ea. | 40     | doz., 3 60   | per 100, 28 00   |

Gypsy Queen. Nellie Moser.  
Henriette. Siebold.  
Jackmanni. "Villette de Lyon."  
Miss Bateman. Mme. Baron Veillard.

#### CLEMATIS PANICULATA

|                            | Each   | Doz.   | 100     |
|----------------------------|--------|--------|---------|
| Seedlings from flats       | \$0 15 | \$2 50 | \$20 00 |
| 1-yr. old from 2-in. pots. | 60     | 4 00   |         |
| 2-yr. old clumps           | \$0 15 | 1 50   | 10 00   |
| 3-yr. old clumps           | 20     | 2 00   | 15 00   |
| 4-yr. old clumps           | 35     | 3 60   | 25 00   |

#### ROSES—Field-Grown Stock

Each, 20c; dozen, \$1.75; per 100, \$14.00

Crimson Baby Rambler. John Hopper.  
Fisher Holmes. M. J. Chas. Charta.  
General Jack. Ulrich Brunner.

Each, 25c; dozen, \$2.00; per 100, \$15.00.

American Beauty. La France.  
Crimson Rambler. Paul Neyron.  
Frau K. Druschki. Moss-Blanche Moreau

|                        | Each   | Doz.   | Per 100 |
|------------------------|--------|--------|---------|
| American Pillar        | \$0 35 | \$3 50 |         |
| Baby Rambler, 2-yr.    | 2 00   | 14 00  |         |
| " 3-yr.                | 2 50   | 16 00  |         |
| Blue Rambler           | 35     | 3 50   | 27 50   |
| Climbing Baby Rambler  | 75     | 8 00   |         |
| Crimson Rambler, 2-yr. | 2 00   | 15 00  |         |
| Hiawatha               | 3 00   | 20 00  |         |
| Jessie                 | 50     | 5 50   | 40 00   |
| Kaiserin Aug. Victoria | 2 50   | 18 00  |         |
| Kilmarney              | 2 50   | 18 00  |         |
| Lady Gay               | 25     | 2 50   | 20 00   |
| Phyllis                | 35     | 3 50   | 22 00   |
| Tausendschon           | 3 00   | 20 00  |         |
| Veilchenblau           | 35     | 3 50   | 27 50   |

Unless noted, all the above varieties are 2-year dormant stock, budded. On all orders for Dormant Roses and Vines, packing will be charged at cost.

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Greenhouses, Nurseries and Trial Grounds: Western Springs, Ill.

## ROSES

FOR NURSERY PLANTING. From 2½-inch pots. After providing for our own requirements we find we have these Roses in surplus: they are exactly the same grade and quality that we plant ourselves.

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|                                                                                                                                                                                                       | Per 100 | Per 1000 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| 4,000 VEILCHENBLAU. The famous Blue Rambler                                                                                                                                                           | \$6 00  | \$50 00  |
| 6,000 WHITE DOROTHY PERKINS. As indicated by the name, a pure white form of our well-known Dorothy Perkins. The only really good White Rambler with all the good points of the older variety retained | 6 00    | 50 00    |
| 1,500 GOLDFINCH. A new Yellow Rambler from Paul & Son                                                                                                                                                 | 5 00    | 40 00    |
| 1,000 MISS MESSMAN. Climbing Baby Rambler. One of last season's new roses: is apparently everything the name indicates: a climber with the bloom and blooming habit of Baby Rambler                   | 20 00   |          |
| 800 MRS. FLIGHT. One of the new Pink Ramblers. Large flowers, more on the order of Tausendschon                                                                                                       | 6 00    |          |
| 5,000 FLOWER OF FAIRFIELD. The everblooming Crimson Rambler. Already too well known to require description beyond that of the name itself                                                             | 10 00   | 85 00    |
| 2,500 ALBERIC BARBER. Barber's best Yellow Hybrid Wichuriana; good grower ample foliage, blooms of good size and substance and yellow                                                                 | 6 00    | 50 00    |
| 600 JESSIE. Merryweather's new Baby Rambler; bright lively red, nearer scarlet than crimson, never showing the bluish tinge that the Baby Rambler shows with age                                      | 10 00   |          |

### Ramblers and Climbers

|                                                                                                             | Per 100 | 1000    |
|-------------------------------------------------------------------------------------------------------------|---------|---------|
| 1,500 LADY GAY. Walsh's pink seedling from Crimson Rambler                                                  | \$3 00  | \$25 00 |
| 4,000 CRIMSON RAMBLER                                                                                       | 3 00    | 25 00   |
| 1,000 HELENE. Violet rose                                                                                   | 3 00    | 25 00   |
| 500 WHITE RAMBLER                                                                                           | 2 75    |         |
| 2,000 YELLOW RAMBLER                                                                                        | 3 00    | 25 00   |
| 1,000 PHILADELPHIA RAMBLER                                                                                  | 3 00    | 25 00   |
| 1,500 TRIER RAMBLER. Lambert's new seedling Yellow Rambler; an everbloomer; strong grower; absolutely hardy | 3 00    | 25 00   |

### Dwarf Polyantha or "Baby" Roses

|                                                                                            | Per 100 | 1000    |
|--------------------------------------------------------------------------------------------|---------|---------|
| 7,000 BABY RAMBLER                                                                         | \$4 00  | \$30 00 |
| 1,500 PINK BABY RAMBLER. (Baby Dorothy Perkins)                                            | 4 00    | 30 00   |
| 2,000 WHITE RAMBLER. NOT Catherine Zeimeth, but the Vaughan variety, superior in every way | 3 50    | 27 50   |
| 300 ANNY MULLER                                                                            | 3 50    |         |

### Miscellaneous

|                                        | Per 100 | 1000    |
|----------------------------------------|---------|---------|
| 1,000 BRIDE                            | \$3 00  | \$25 00 |
| 2,000 CLOTHILDE SOUPERT                | 3 00    | 25 00   |
| 300 ETOILE DE LYON. Yellow Tea         | 3 00    |         |
| 2,500 GOLDEN GATE. Yellow Tea          | 3 00    | 22 50   |
| 2,800 GRUSS AN TEPLITZ                 | 3 00    | 25 00   |
| 800 HERMOSA                            | 3 00    |         |
| 200 IVORY                              | 3 00    |         |
| 100 MALMAISON                          | 3 00    |         |
| 100 MARION DINGEE. Dark red            | 3 00    |         |
| 500 MARIE GUILOT                       | 3 00    | 25 00   |
| 2,000 PINK SOUPERT                     | 3 00    | 25 00   |
| 600 SAFRANO                            | 3 00    |         |
| 700 UNCLE JOHN                         | 3 00    | 25 00   |
| 300 FRANCOIS LEVET. Rose colored H. P. | 3 50    |         |

"The 2,500 Roses received, and I want to thank you for the choice lot and fine packing. They are Roses, not rooted cuttings like some send out." F. E. CREMER, Hanover, Pa., May 6, 1911.

Jackson & Perkins Co., (INCORPORATED) Rose Growers and Nurserymen, Newark, Wayne County, New York

## Seasonable Stock

Rhododendrons, best named varieties, 18-24 in., \$75.00; 24-30 in., \$100.00 per 100.

Nephrolepis Bostoniensis, fine 2½-in. stock, \$4.00 per 100; 3 in., \$7.00 per 100.

Nephrolepis Scottii, strong 4 in., \$25.00 per 100.

Anterichum Variegatum, 2½-in., \$3.00 per 100.

Dracena Indivisa, fine 2½-in., for growing on, \$3.00 per 100.

Violet, Swanley White 3.00 per 100.

Holt's Hardy Sage, \$3.00 per 100.

Send for Catalog No. 5 if you have not received it.

THE STORRS & HARRISON CO., Painesville, O.

## Altenantheras

|                                   | Per 100 |
|-----------------------------------|---------|
| Red and Yellow, 2½-in. pots       | 2 00    |
| Geranium, 6 varieties, 3-in. pots | 5 00    |
| 4-in. Plumosus, 2½-in. pots       | 2 00    |
| Verbenas, 2½-in. pots             | 2 00    |
| Coleus, 10 varieties, 2½-in. pots | 2 00    |
| Primoses, July 10                 | 2 00    |

## Cannas

|                                   | Per 100 |
|-----------------------------------|---------|
| 10 varieties, 3½-in. pots         | \$4 00  |
| King Humbert                      | 6 00    |
| Salvias, 2½-in. pots              | 3 00    |
| Petalas, double seed, 2½-in. pots | 2 50    |
| Asparagus Sprengeri Seedlings     | 1 00    |
| Asparagus Plumosus Seedlings      | 1 25    |

Asparagus Plumosus Seed, new crop, per 1000, \$2.50; per 100 50c.

Cash, Please.

JOS. H. CUNNINGHAM, Delaware, O.

For Names USE THE Trade Directory Price \$3



## The Sensational New Cut Flower

# Dahlia Dorothy Peacock

## Representing the Highest Development in Dahlias

Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England,

## Beautiful, Pure Pink

Long stems, hardy, free bloomer, full to the center. Send for catalogue. Cut shows we know how to propagate, as well as the vigor of this new Dahlia.

## Peacock Dahlia Farms

P. O.: Berlin, N. J. Williamstown Junction, N. J.



CARNATION DOROTHY PEACOCK.

Notice the heavy vigor of plant, and eye at base of young tubers.

## CHRYSANTHEMUMS

|                    | R. C. per 100 | 2 1/2-in. per 1000 | per 100 |
|--------------------|---------------|--------------------|---------|
| Earliest White     | 25            | 20                 | 30      |
| October Frost      | 25            | 20                 | 30      |
| Virginia Poehlmann | 30            | 25                 | 40      |
| Robinson           | 25            | 20                 | 30      |
| Clementine Touse   | 25            | 20                 | 30      |
| Alice Byron        | 25            | 20                 | 30      |
| Timothy Eaton      | 25            | 20                 | 30      |
| Timothy Roosevelt  | 25            | 20                 | 30      |

|                 |    |    |    |
|-----------------|----|----|----|
| W. H. Chadwick  | 30 | 27 | 40 |
| Golden Glow     | 30 | 25 | 40 |
| Monrovia        | 25 | 20 | 30 |
| Halliday        | 25 | 20 | 30 |
| Col. Appleton   | 25 | 20 | 30 |
| Major Bonnation | 25 | 20 | 30 |
| Yellow Eaton    | 25 | 20 | 30 |
| Golden Chadwick | 30 | 27 | 40 |

|               |    |    |    |
|---------------|----|----|----|
| McNiece       | 25 | 20 | 30 |
| Maud Dean     | 25 | 20 | 30 |
| Dr. Enguehard | 25 | 20 | 30 |

|            |    |    |    |
|------------|----|----|----|
| Schrimpton | 30 | 28 | 30 |
| Intensity  | 25 | 20 | 30 |

## POMPONS

|                         | R. C. per 100 | 2 1/2-in. per 1000 |
|-------------------------|---------------|--------------------|
| Baby, Klondike, Zenobia | 25            | 30                 |

## WHITE

|               |    |    |
|---------------|----|----|
| Lulu, Diana   | 25 | 30 |
| Baby Margaret | 30 | 35 |

|                 |    |    |
|-----------------|----|----|
| Briola, pink    | 25 | 30 |
| Mrs. Eu, bronze | 25 | 30 |
| Quinola         | 30 | 40 |

## POEHLMANN BROS. CO.

Morton Grove, Ill.

## Indianapolis.

## BEDDING SEASON OPENED.

We are having the finest weather imaginable for the bedding season, which is now in its full glory. Carnations for the past week or two have been a little scarce. The supply for Mothers' day was exhausted early and late buyers were compelled to take roses as substitutes. Cut flowers will be plentiful for Decoration day.

## NOTES.

Roepke & Riemann Co.'s horse ran away this week and tore one of the front wheels off their large plant wagon besides crippling himself severely.

A. Pittet is in the market for another horse. He says the two which he now has are too small for his work.

## New Gold Medal Roses

For 1911 and '12

Write for descriptive catalogue, free on application, to

## HUGH DICKSON

Royal Nurseries,

BELFAST, IRELAND

## Coleus

Big batch of rooted cuttings ready June 5th.

Golden Bedder, Verschafeltti and mixed standard sorts, at \$5.00 per 1000. The old stock plants shipped without soil of the above at \$1.25 per 100. Good enough for bedding, but not a fancy plant.

Giant-leaved cuttings only, at \$1.00 per 100.

## Perennial Phlox

Fifteen varieties, all of them good ones, mixed, rooted cuttings at \$1.25 per 100, by mail; \$1.00 per 100 by express, any quantity.

ALBERT M. HERR,

## Geraniums

Rooted cuttings of Nutt, Ricard and Poite' vine, at \$10.00 per 100. Delivered any time now to Oct. 20th.

## SPRENGERI

4-inch pot stock, \$5.00 per 100.

## SMILAX

Ready June 15th. The kind that it will pay you to buy, at \$12.50 per 1000.

## LIME

An extra fine grade for florists' use, at \$4.50 per half ton. Try a half ton and learn how good it is.

Lancaster, Pa.

## CARNATIONS

Ready for planting in the field; order at once Lawson Enchantress at \$1.50 per 100; Admiration and Scarlet Glow at \$2.50 per 100; Alvina, Victory and Winona at \$1.75 per 100.

ALBERT M. HERR, LANCASTER, PA.

A. W. Brandt has bought a new open wagon and horse for greenhouse work. He has also employed an additional driver.

Will Roepke will have his new house ready for occupancy about the first of June.

Al Reinken has bought a new Studebaker wagon.

A. W. B.

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## Horticultural Trade Journal

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## THE INTERNATIONAL EDITION

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We have an exceptionally fine stock in the following sizes:

## OBELISK.

5 feet high, 18 inch bottom measure  
.....\$12.00 each

## Globe Shaped.

Each  
15 to 18-inch top, 15 to 18 inches high .....\$4.00  
22 to 24-inch top, 24 inches high ..... 7.00

## Pyramids.

Each  
2½ to 3 feet high.....\$2.50  
3 to 3½ feet high..... 3.00  
3½ to 4 feet high..... 4.00  
4 to 5 feet high..... 5.00  
5½ feet high..... 8.00  
6 feet high..... 9.00

## Bush Shaped.

12 to 18 inches high.....\$ .35  
18 to 24 inches high..... .50  
24 to 30 inch high.....\$1.00  
24 to 30 ins. high, 18-12 ins.  
across top..... 2 00

## DRACAENA INDIVISA.

3-in. pots.....\$0.75 per doz. \$ 6.00 per 100  
4-in. pots..... 1.50 per doz. 12.00 per 100  
5-in. pots..... 3.00 per doz. 20.00 per 100  
6-in. pots.....\$5.00 per dozen  
7-in. pots..... 7.20 per dozen

# BEDDING PLANTS

We have a **LARGE STOCK** of the following  
**Ready for Immediate Shipment:**

|                                                                                                                                                                      | Each            |                                             | Each             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------|------------------|
| Achyranthes, 3-inch.....                                                                                                                                             | \$ .04          | Mme. Sallerol, 3-inch.....                  | \$ .05           |
| Ageratum, 4-inch.....                                                                                                                                                | .08             | English Ivy, 4-inch.....                    | per doz., \$2 40 |
| Alternantheras, red and yellow, 2-inch.....                                                                                                                          | .02             | Ivy Geraniums, 3-inch.....                  | .04              |
| Begonia Vernon, 2-inch.....                                                                                                                                          | .02             | Ivy Geraniums, 4-inch.....                  | .08              |
| Caladium Esculentum, 5-inch.....                                                                                                                                     | .15             | Rose Geraniums, 4-inch.....                 | .10              |
| Caladium Esculentum, 4-inch.....                                                                                                                                     | .10             | Lobelia, (Dwarf), 2-inch.....               | .21½             |
| CANNAS, Allemania, Austria, Chicago, Egandale,<br>David Harum, Henderson, Patry, Shenandoah,<br>Souvenir d' Antoine Crozy, Florence<br>Vaughan, Wyoming, 4-inch..... | .08             | Lobelia, (Tall), 2-inch.....                | .21½             |
| Castor Beans, 4-inch.....                                                                                                                                            | .08             | Marguerites, (White), 4-inch.....           | \$ .08 and .10   |
| Celosia, 3-inch.....                                                                                                                                                 | .04             | Marguerites, (Yellow), 4-inch.....          | .12              |
| COBEAS, 4-inch.....                                                                                                                                                  | .10             | Nasturtiums, 3-in.....                      | .06              |
| Coleus Pfister (Yellow), 3-inch.....                                                                                                                                 | .04             | Petunia (single), 3-inch.....               | .04              |
| Coleus Pfister (Red), 3-inch.....                                                                                                                                    | .04             | Petunia, 4-inch.....                        | .08              |
| Coleus Verschaffeltii, 3-inch.....                                                                                                                                   | .04             | SALVIA, 4-inch.....                         | .08              |
| Coleus Golden Bedder, 3-inch.....                                                                                                                                    | .04             | SALVIA, 3-inch.....                         | .06              |
| Daisy (Bellis Perennis).....                                                                                                                                         | .02             | Sweet Alyssum, 2-inch.....                  | .21½             |
| Fuchsia, 4-inch.....                                                                                                                                                 | .08             | Stocks, 4-inch.....                         | .08              |
| GERANIUMS, 4-inch.....                                                                                                                                               | .08             | Thunbergia Vines, 3-inch.....               | .04              |
| Extra strong.....                                                                                                                                                    | \$10 00 per 100 | Verbena, 3-inch.....                        | .04              |
| Mme. Sallerol, 2-inch.....                                                                                                                                           | .03             | Vincas, variegated, fine stock, 4-inch..... | \$2 00 per doz.  |
|                                                                                                                                                                      |                 | Extra strong.....                           | 2 50 per doz.    |
|                                                                                                                                                                      |                 | Grave Myrtle, (Vinca Minor), 2-inch.....    | .21½             |
|                                                                                                                                                                      |                 | Grave Myrtle, (Vinca Minor), 3-inch.....    | .04              |
|                                                                                                                                                                      |                 | Zinnia, 3-inch.....                         | .04              |

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# Heacock's Palms and Ferns

Strong, Clean and Well Established. Especially Good Value for Decorative Work

| Areca Lutescens                                |             |
|------------------------------------------------|-------------|
| 3 plants, 36 in. high.....                     | Each \$2.50 |
| 4 to 5 plants, 9 in. cedar tubs, 4 ft. high... | 5.00        |
| 4 to 5 plants, 9 in. " " 5 ft. high...         | 6.00        |

| Boston Ferns                        |        |
|-------------------------------------|--------|
| 9 in. azalea pots, heavy plants, 2½ | Each   |
| to 3 ft. spread.....                | \$1.50 |

| Kentia Belmoreana                  |                          |
|------------------------------------|--------------------------|
| 7 in. cedar tubs, 36 in. high..... | Each \$2.50 Doz. \$30.00 |
| 7 in. " " 40 in. " " " " " "       | 3.00 36.00               |
| 9 in. " " 42 in. " " " " " "       | 4.00                     |
| 9 in. " " 48 to 54 in. high.....   | 6.00                     |
| 9 in. " " 5 ft. high.....          | 8.00                     |

| Scottii Ferns                               |             |
|---------------------------------------------|-------------|
| 6 in. azalea pots, heavy, ready for a shift | Each \$3.00 |

| Kentia Forsteriana                                 |             |
|----------------------------------------------------|-------------|
| Made Up                                            |             |
| 4 plants in 9 in. cedar tubs, 42 to 48 in. high... | Each \$4.00 |
| 4 " " 12 in. " " 5 ft. high.....                   | 12.50       |

| Cibotium Scheidei                   |             |
|-------------------------------------|-------------|
| 9 in. cedar tubs, 4 ft. spread..... | Each \$4.00 |

When in Philadelphia, Be Sure to Look Us Up

**Joseph Heacock Company,**

**Wyncote, Pa.** Railway Station, Jenkintown.

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Plants from 2-inch Pots.

**White Wonder** The largest white, early and free.

**Gloriosa** Pure glistening pink. One of our best productions.  
\$12.00 per 100; \$100.00 per 1000.

**Scarlet Glow** Bright Scarlet.  
\$6.00 per 100; \$50.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

## Vincas and Dracaenas

| Dracaena Ind., 4½ in., per doz.            |      | Per 100 |
|--------------------------------------------|------|---------|
| " " 5 in. " "                              | 2.50 | 20.00   |
| " " 6 in. " "                              | 5.00 |         |
| Vinca Variegata, 4 in. " "                 | 1.50 | 10.00   |
| " " 2 in. " "                              |      | 2.00    |
| Geranium Mme. Salleron, 2 in. " "          |      | 2.00    |
| Colous, 6 vars., G. B. & Versch. 2 in. " " |      | 2.00    |
| Salvias, Bonfire & Spl., 3 in. " "         |      | 3.00    |
| German Ivy, 2½ in. " "                     |      | 2.00    |
| Ivy Geranium, 2½ in. " "                   |      | 2.50    |

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**F. C. RIEBE**  
Webster, Mass.

## Boston Ferns...

2½ in. \$30.00 per 1000

**WHITMAN FERN**

2½ in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.

Magnifica, 2½ inch 15c each.

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2½ in. pots \$5.00 per 100; 3 in. pots \$8.00;  
4 in. pots in bud and bloom, fine plants.  
\$10.00 per 100.

Polinesias, strong, healthy stock plants.  
\$6.00 per 100.

**THE LEEDHAM BULB CO.,**  
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OH. CITY, PA.—The horticultural student organization of the Pennsylvania State College managed a flower show the last week in April that was decidedly successful. Florists throughout the state were requested to contribute and those who responded did so liberally.

## Florists, Seedsmen,

**Dahlias** are now the popular flower. Peacock's Dahlias are the "Quality Dahlias That Bloom." The best that can be grown. We know it. After a trial you will know it.

**Special Trial Offer** For \$1.00 we will send by return mail, postpaid, 12 new and best Dahlias, each labeled, value \$2.50; also beautiful Dahlia post-cards and our special offers in Dahlia collections, neatly bound. Just the thing for counter or other trade. Great value and satisfaction for your customers and profit for you.

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The Gem Bedding Plant.

Send for circular.

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24 in. high, 5 tiers, 75c.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.;

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**Stock from 3-in. pots, \$4.00 per 100; Salvia**, Bonfire and Zurich; **Rose Geraniums**, **Ampeleopsis Veitchii**, Hardy **English Ivy**; **Pasison Vine**.

**Stock from 2½ in. pots, \$2.50 per 100; German Ivy**; **Impatiens**, **Holsti** and **Sultani**; **Cupheas**; **Snapdragons**, giant white and scarlet; **Clematis Poniculata**; **Abutilon Savitzkii**; **Verbenas**, in separate colors; **Salvia**, **Bonfire**, **Lobelia**, double and single blue; **Eucynom radicans** and golden variegated; **Cosmos**, early blooming.

**Carnation Dorothy Gordon**, from 2½ in. pots, well established plants, \$6.00 per 100; **Rooted Cuttings**, \$5.00 per 100.

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**Swainsona alba**, 3 in. pots, \$4.00 per 100.

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Beauty, 2 in. pots ..... \$3.00 \$25.00  
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**Dahlia Roots** Whole field clumps in a good assortment, to clean up quick, at \$4.00 per 100, \$35.00 per 1000.  
**Tradescantia (Zebriana Multicolor)**, 2 in., \$3.00 per 100.

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| 18 " 19 in. ....               | 3 50   | 28 " 29 in. ....               | 6 50   |                                |        |

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| Inches.       | No. 1   | No. 2   | Inches.       | No. 1   | No. 2   | Inches.       | No. 1   | No. 2   |
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| 10 to 12..... | \$ 3 50 | \$ 3 00 | 21 to 22..... | \$ 8 50 | \$ 7 50 | 31 to 32..... | \$16 50 | \$11 50 |
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Price No. 1 is for tubs with iron

bands and feet for outdoors. Price No. 2 is for tubs with mission finish design.

## CHRYSANTHEMUMS.

### WHIT

|                              | R. C. per 100 | 100     |
|------------------------------|---------------|---------|
| Linwood Hall.....            | \$3 00        | \$27 50 |
| October Frost, Touselet..... | 2 00          | 15 00   |
| Chadwick.....                | 2 50          | 20 00   |

### YELLOW

|                            |        |         |
|----------------------------|--------|---------|
| Golden Glow, Monrovia..... | \$2 00 | \$15 00 |
| October Sunshine.....      | 2 00   | 15 00   |
| Col. Appleton.....         | 2 00   | 15 00   |
| Yellow Eaton.....          | 2 50   | 20 00   |

### PINK

|                               |        |       |
|-------------------------------|--------|-------|
| Armoria, Gloria.....          | \$2 50 | 20 00 |
| Balfour, Pacific supreme..... | 2 00   | 15 00 |

These quotations are made subject to goods being unsold upon receipt of order.

Thompson Carnation Co.,

JOLIET, ILL.

## GERANIUMS...

Fine, Strong plants, out of 2½-in. \$1.50 per 100; \$12.50 per 1000.

Verbenas, Phlox, Alyssum, in bloom: Dusty Miller, Fuchsias, Asparagus Sprengeri, Smilax, out of 2½ in. \$2.00 per 100; 300 for \$5.00

Cabbage Plants, Lettuce, all kinds, \$1.00 per 100; \$7.50 for 1000.

Tomato and Sweet Potatoes, best varieties. \$1.50 per 100.

Calliflower, Early Snowball, Peppers, \$2.00 per 100.

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## Trade Directory

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Whitman Ferns, 2-in. 25c each. 5-in. 35c.

Boston Ferns, 5-in. 75c each.

Vinca Var., 2-in. \$2.00 per 100.

Drecaena Ind., 3-in. \$5.00; 4-in. \$10.00; 5-in. \$25.00 per 100.

Asparagus Sprengeri, 2-in. \$2.50 per 100.

Heliotrope, Blue, R. C., \$1.00 per 100.

Colons, Alternanthera Red and Yellow, Heliotrope, Cigar Plant, Ageratum, Blue Verbenas, 2-in. \$2.00 per 100.

Scarlet Sage, Bonfire, 2-in. \$2.00 per 100.

Cash with order.

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AND

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Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL, New York.

## Ferns for Dishes

Per 100 Per 1000

2½-in. .... \$3.50 \$30.00

500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincy St.,

CHICAGO

## QUALITY PLANTS

Ferns and Bedding Plants

Boston, Whitman and Scott, 3-inch.....\$ 8.00  
4-inch.....12.50

Superbissima, 3½-inch.....15.00

Asparagus Filmosus, 3-inch.....9.00

Asparagus Sprengeri, 4-inch.....8.00

Salvia Splendens, 2-inch.....4.00

Cyperus Alternifolius, 2½-inch.....3.00

Vinca Variegata, 2½-inch.....2.00

Clematis Paniculata, 2½-inch.....2.50

2-year field grown.....6.00

King Humbert Canna 3-inch.....5.00

Allemania, 3-inch.....4.00

from sand.....2.00

Cannas of the following varieties: Crimson

Bedder, Pennsylvania, Berat, Flamingo, Egan-

dale, and Florence Vaughan, 3-inch, \$5.50 per

100, and from sand, \$2.50 per 100.

— Cash, please. —

THE REESER PLANT COMPANY

Successor to Box 525

Reeser & Youngstrand, Springfield, Ohio

Mention the American Florist when writing

A New Nephrolepis Giatrasii

Awarded a Certificate of Merit by the

Horticultural Society of New York.

Prices: In 2½-inch pots, \$2.00 per dozen;

\$12.00 per 100; \$100.00 per 1000, 25 plants at 100

rates; 250 plants at 1000 rates. Orders delivered

in rotation as received.

Now Ready for Delivery.

GEORGE GIATRAS, 463 Summit Ave.,

West Hoboken, N. J.

## Robert Craig Co...

HIGH CLASS PALMS

and Novelties in Decorative Plants.

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## Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A, NEW YORK. Telephone Lenox 5644.

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## VENTILATING MACHINERY

The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD Co., Youngstown, Ohio

## Trade Directory

Of The United States and Canada

Price \$3.00.

American Florist Co., 440 S. Dearborn St., Chicago

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using

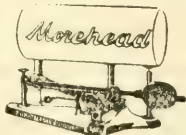
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1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

1 The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

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## Tobacco Paper "Nico-Fume" LIQUID

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| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 8.60    |
| 288 sheets.....  | 6.60    |
| 1728 sheets..... | 35.10   |

Furnishes the Most Nicotine for the Money!

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

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| 1/2 Gallon..... | 5.60    |
| Gallon.....     | 10.60   |
| 5 Gallons.....  | 7.25    |

# Ready Reference Section.

10 CENTS PER LINE, NET.



## AGERATUMS.

AGERATUM. The best Blue and White flowering varieties, 2½-in. pots 40c per doz., \$2.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Ageratums, rooted cuttings, 5c per 1,000; 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ageratum Stella Gurney, 2-in., 2c. J. L. Schiller, Toledo, O.

Ageratum Imperial dwarf blane, 2½-in., \$2 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Ageratums, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALOYSIAS.

ALOYSIA CITRIDODORA (Lemon Verbena). The foliage has a decided lemon fragrance, 2½-in. pots, 60c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; 2½-in., \$1 per 1,000. A. nana, 50c per 100; \$1 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns, R. R. Davis Co., Morris, Ill.

Alternantheras, P. major, 50c per 100; \$1 per 1,000. A. nana, 50c per 100; \$1 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.

ALTERNANTHERAS, red and yellow, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Alternantheras, red and yellow, 2½-in., 2c. 3-in., 4c. Mosbach Greenhouse Co., Onarga, Ill.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, strong 2-in. fine stock, 2c. E. D. Lauterbach, Bushnell, Ill.

## ALYSSUM

Alyssum, Little Gem, 2½-in., \$2 per 100. Frank Fiske, Wilmette, Ill.

## AMPELOPSIS.

Ampelopsis Veitchii, 2-year, 18 to 24-inch tops, \$1.75 per doz.; \$12 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Ampelopsis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. Geoffrey Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria arborescens, 5-in., 50c; 6-in., 75c. C. Elmer, Philadelphia.

## ASTERS.

Asters, Dreer's Peerless Pink and Pink Beauty, 2-in., \$1 per 100; \$25 per 1,000. Vick's early and late branching roses, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Asters, Vick's Imperial Purity and Daybreak, New Upright and Non-Lateral Branching, in colors, 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

## ASPARAGUS.

Asparagus Sprengeri, from 3-in. pots, 3½c. J. L. Schiller, Toledo, O.

Potbound 3-in. Sprengeri, can be shifted into 5-in., \$6 per 100. C. C. Polkworth Co., Milwaukee, Wis.

Asparagus plumosus, 3-in., \$5 per 100; 4-in., \$8. Sprengeri, 3-in., \$4; 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, 2½-in., \$2 per 100. Sprengeri seedlings, \$1; plumosus, \$1.25. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 2½-in., 2c; 3-in., 4c; 4-in., 5c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprengeri, 5-in., \$15 per 100. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 2½-in., strong, \$8 per 100. Cash please. Harry Heim, West Toledo, O.

Asparagus plumosus and Sprengeri plants. W. H. Elliott, Brighton, Mass.

Sprengeri, 4-in., \$5 per 100. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50. 2-in., \$2. C. C. Esle, Philadelphia.

Asparagus Sprengeri, 2 ¼ and 3 in. Vaughan's Seed Store, Chicago and New York.

## AUCUBAS.

AUCUBA JAPONICA VARIEGATA. This is a grand plant for the center of vases, green foliage with large yellow spots, very showy plants, 2½ to 3 feet high; well branched, 65c each; \$6 per doz. AUCUBA JAPONICA BERRIED TYPE. Dark green foliage, the plant almost hid with bright scarlet berries, plants 2 feet high, well berried, 75c each; \$5 per doz. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

## AZALEAS.

AZALEA MOLLEIS, extra fine stock, 12 to 15 inch at \$4 per doz.; 15 to 18 inch, \$6 per doz. Wagner Park Conservatories, Sidney, Ohio.

## BAY TREES.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding plants: Alternantheras, 2-in., 2c; Begonia Vernon, 2-in., 2c; petunias, 3-in., 4c; 4-in., 5c. Coleus Püster yellow and red, Ver schaffelii, Golden Bedder, 3-in.; Thunbergia Vines, 3-in., 4c; achyranthes, 3-in., 4c; salvias, 4-in., 5c. 3-in., 5c; fuchsias, 4-in., 5c; marguerites, white, 4-in., 8c and 10c, yellow, 4-in., 12c; coheas, 4-in., 10c; vinca variegated, 4-in., \$2 per doz., extra strong, \$2.50 per doz. Caladium esculentum, 5-in., 15c; 4-in., 10c. Sweet Alyssum, 2-in., 2½c. Salerol, 2-in., 3c. 3-in., 5c; geraniums, 4-in., 5c; extra strong, 70c per doz.; 10c per 100. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprengeri, smilax, 2½-in., \$2 per 100; 300 for \$3. J. C. Schmidt, Bristol, Pa.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$15.00 per 1,000. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprengeri, smilax, 2½-in., \$2 per 100; 300 for \$3. J. C. Schmidt, Bristol, Pa.

Bedding plants. For varieties and prices see advertisement elsewhere in this issue. In color, Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding stock, 3-in. pots, \$4 per 100; English Ivy, Passiflora, coriaria and Pfondtil, Lemon verbena, moonvine, fuchsias, echeveria, glaucous, Salvia, Bonfire and Zurich, Mrs. Parker geranium, Swainsona alba. Stock from 2½-in., \$2.50 per 100; German ivy, cupheas, fuchsias, Var. Vinca, lobellias, ageratum, clematis panicle, Var. Ice plant, Abutilon Savitili, Nutmeg and rose geraniums, verbena, stevia, snapdragons. Plants from 2½-in., 5c per 100; moonvine, Lemon Verbena, C. Elsiele, 11th and Westmoreland, Philadelphia.

Seasonable stock. For varieties and prices see advertisement on front cover page. R. Vincent Jr. & Sons Co., White Marsh, Md.

## BOUVARDIAS.

Bouvardias, white, pink and red, fine plants, 2½-in. pots, \$4 per 100. Butz Bros., New Castle, Pa.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100; Begonia Glory of Cincinnati, \$15 per 100. Begonia La Patrie (new), \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500, Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonias in bloom, 2½-in., 3c; 3-in., 6c. Mosbach Greenhouse Co., Onarga, Ill.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

Boxwood, Burnett Bros., 72 Cortlandt St., New York.

Boxwood, E. S. Miller, Wading River, N. Y.

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Boxwood, E. S. Miller, Wading River, N. Y.

Boxwood, E. S. Miller, Wading River, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CANNAS.**

Canna King Humbert, 3-in., \$5 per 100; from seed, \$4. Canning Bedder, Penn., Berat, Plamingo, Egandale, F. Vaughan, 3-in., \$3.50 per 100; from seed, \$2.50. Reeser Plant Co., Springfield, O.

Cannas, B. Beauty, \$2.50; D. Harum, \$2. Marlborough, Australia. America, Inc., Egandale, Penn., \$1.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Cannas, Queen Charlotte, Alemania, Henderson, F. Vaughan, Kate Gray, Victory, Wallace, \$5 per 100. King Humbert, \$8 per 100. Cash please. Harry Heini, West Toledo, O.

**CANNAS.** 4-in., young plants, Henderson, Patry, Austria, Wimping, Chicago, Egandale, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Canna roots, Pennsylvania, \$25 per 1,000. Nell's 20th Century red, \$5 per 100. Strictly cash. Nat'l National Floral Co., Edinburg, Pa.

Cannas, surplus, Pennsylvania, Louisiana, etc., \$5 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Cannas, 10 vars., 3 and 4-in., \$4 per 100; King Humbert, \$6. Jos. H. Cunningham, Delaware, O.

**CARNATIONS.****ROOTED CARNATION CUTTINGS.**

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| March 15 Delivery.               | 100   | 1,000   |
| Washington, cerise, a sport from |       |         |
| Enchantress                      | 10.00 | \$75.00 |
| Sangamo, brilliant flesh         | 6.00  | 50.00   |
| Mary Tolman, deep flesh          | 6.00  | 50.00   |
| May Day, flesh pink              | 3.00  | 25.00   |
| Enchantress                      | 3.00  | 25.00   |
| Alvina, cerise                   | 3.00  | 25.00   |
| White Enchantress                | 3.00  | 25.00   |

**CHICAGO CARNATION CO.,** Chicago, 30 E. Randolph St.

Carnations, Dorothy Gordon, plants from 2 1/2-in. pots, \$6 per 100; rooted cuttings, \$5 per 100. The Queen, new white variety, R. C. Brown, 100 per 100. Scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2 1/2-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

Carnations, from 2-in. pots, White Wonder, Gloirea, \$12 per 100; \$100 per 1,000. Scarlet Glow, \$6 per 100; \$50 per 1,000. F. Dorrer & Sons Co., La Fayette, Ind.

Carnations, Dorothy Gordon, 2 1/2-in., \$6 per 100; R. C. \$5 per 100. Enchantress, W. Enchantress, Lady Bountiful, Elbon, \$2 per 100. C. Eisele, 11th and Westmoreland, Philadelphia.

Carnations, Winsor, Lawson, Enchantress, \$500 each, \$25 per 1,000, from black soil. August Erickson, 3437 Foster Ave., Chicago.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

**HARDY CARNATIONS.**

The new hardy ever-blooming CARNATION "CRIMSON KING." Everybody has asked for a carnation that would live out the garden during the winter. We have pleasure in offering this new plant, as it will fill all the bill. It is absolutely hardy, standing over the Canadian winters in the yard. It blooms all summer long, never a day that you cannot cut blossoms. By putting up in the fall you can have flowers in the house all winter. The color is a rich crimson, the fragrance is delicious. We know of no plant that the florists can offer to their patrons that will give more satisfaction as the Hardy Carnation "CRIMSON KING." 2 1/2-in. pots, per doz., \$1.25; \$2 per 100; \$8; per 1,000, \$75. 2 1/2-in. plants sold at 100 rates; 250 plants at 1,000 rates. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**CHRYSANTHEMUMS.**

**CHRYSANTHEMUM ROOTED CUTTINGS.** WHITE-Estate, Pearl, Buxton, Byron, Ivory, Desjouis, PINK-Amorita, Pacific, Monrovia, Bonaffon, Crema, Halliday, Golden Eagle, J. Jones, \$2.00 per doz., \$15.00 per 100. Pacific Supreme, Edmond Aibe, Baby Margaret, Mrs. Hurley, Yellow Baby, \$2.50 per 100; \$20.00 per 1,000. Cash or C. O. D.

WM. SWAYNE, KENNETT SQUARE, PA.

Chrysanthemums from 2-in. pots, Elise Papworth, Se. Pres. Taft, etc. W. H. Chadwick, 2 1/2-c. Oct. Frost, Golden Glo, Major Bonaffon, 3c. J. L. Schiller, Toledo, O.

Chrysanthemums, Glory of Pacific, 2 1/2-in., 2 1/2-c. Dr. Enguehard, 3-in., 4c. Mosbek Greenhouse Co., Onarga, Ill.

Hardy chrysanthemums, \$3 per 100. Storrs & Harrison Co., Painesville, O.

**CHRYSANTHEMUMS.**

Out of soil and sand, strong rooted cuttings, \$2 per 100.

|             |                |               |
|-------------|----------------|---------------|
| White.      | Yellow.        | Pink.         |
| Oct. Frost  | Robt. Halliday | Dr. Enguehard |
| Early Snow  | J. Bonaffon    | J. Rosette    |
| C. Touset   | Golden Eagle   | P. Ivory      |
| W. Bonaffon | Nagoya         | Gloria        |
| Estate      | Golden Beauty  | Monogram      |
| Yellow.     | Pink.          | Red.          |
| Monrovia    | Rosierie       | Intensity     |
| Golden Glow | Pacific        | Blackhawk     |

**POMPONS.**

|         |          |               |
|---------|----------|---------------|
| Quinola | Emile    | Baby          |
| Lulu    | Protoria | Baby Margaret |

**WITTOR BROTHERS,**

162 North Wabash Ave., Chicago.

Chrysanthemums, strong, rooted cuttings, Mrs. Robinson, C. Touset, Col. Appleton, V. Morel, R. Halliday, Golden Glo, Estate, Pacific, Ivory, Garza, M. Wanamaker, Amorita, Fidelity and baby yellow pompon, \$1.75 per 100; \$15 per 1,000. Cash with order. FRANK BEI, 4435 N. 40th Ave., Chicago.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

**CINERARIAS.**

Cinerarias, Stellata, dwarf hybrid grandiflora, 2 1/2-in., \$2.50 per 100; 100; inc. Mosbek Greenhouse Co., Onarga, Ill.

**CLEMATIS.**

Clematis paniculata Grandiflora, strong one-year seedlings, \$5.50 per 100; \$60 per 1,000. Our New Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Clematis. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Eisele, Philadelphia.

Clematis paniculata, 2 1/2-in., \$2.50 per 100. Reeser Plant Co., Springfield, O.

Clematis paniculata, \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**COBEAS.**

Cobea Scandens, 3-in., 4c; 4-in., 10c; GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**COLEUSES.**

**COLEUS.** All the leaders, except yellow foliaged varieties, 2 1/2-in. pots, \$2 per 100; \$19 per 1,000. **COLEUS** yellow foliaged varieties, 2 1/2-in. pots, \$2.50 per 100. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfield, Clay Center, Kans.

Coleus Verschaffeltii, 3-in., \$4 per 100. Pfister, yellow, 4-in., \$4 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Coleus, Golden Bedder, Verschaffeltii, and others, novelty plants, 3c each. Cash with order. Gus Schlegel, Olney, Ill.

Coleus. For varieties and prices see advertisement elsewhere in this issue. A. M. Herr, Lancaster, Pa.

Coleus, 10 good vars., 2-in., 2c. J. L. Schiller, Toledo, O.

Coleus, 10 vars., 2 1/2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, 2 1/2-in., \$3 per 100. Cash please. Harry Heini, West Toledo, O.

Coleus, N. J., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

**COREOPSIS.**

**COREOPSIS LANCEOLATA GRANDIFLORA.** Invaluable for cutting; field plants divided, \$2.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**CROTONS.**

**CROTONS.** We offer twenty of the choicest varieties of crotons, available for bedding 2 1/2-in. pots, 60c per doz.; \$4 per 100; \$35 per 1,000. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Crownwell, Conn.

**CYCLAMENS.**

**CYCLAMEN GIGANTEUM.** The finest strain, 2 1/2-in. pots, \$4 per 100. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**CYCLAMEN.** Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leadham Bulb Co., Santa Cruz, Calif.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Sidelisky & Irwin Co., 1215 Betz Bldg., Philadelphia, Pa.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

Cyclamens, 2 1/2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**DAHLIAS.**

**DAHLIAS.** In 50 best varieties, all classes and colors; divided field tubers, 75c per doz.; \$6 per 100. **DAHLIAS**, green plants from 2 1/2-in. pots. Tubers with bloom best of all, in 100 leading varieties, 50c per doz.; \$4 per 100. Our new list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J., F. O. Berlin, N. J.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia, field clumps, \$4 per 100; \$35 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Dahlia, pot plants, 50 best vars., \$4 per 100. Storrs & Harrison Co., Painesville, O.

**DAISIES.**

**DAISY SHASTA**, from 2 1/2-in. pots, \$3 per 100; field-grown plants, 75c per doz.; \$6 per 100. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, seedlings, \$4 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**DRACENAS.**

**DRACENA INDIVISA**, from 2 1/2-in. pots, \$3 per 100. Our new Trade List of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. Dracena Pinnatifida, 5-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracenas. For prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 730 Buckingham Place, Chicago.

Dracena indivisa, 2 1/2-in., 3c. Mosbek Greenhouse Co., Onarga, Ill.

Dracena, 5-in., \$80 per 100. Cash please. Harry Heini, West Toledo, O.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena indivisa, 2 1/2-in., \$3 per 100. Storrs & Harrison Co., Painesville, O.

Dracena indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Eisele, Philadelphia.

**EUPHORBIAS.**

Euphorbia Jacquinellaeflora, strong plants, 2 1/2-in. pots, \$2 per 100; \$10 per 1,000. Butz Bros., New Castle, Pa.

**FERNS.**

**BOSTON FERNS.** 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$8 per 100; \$60 per 1,000; 500 at 1,000 rate; 4-in., \$15.00 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, leading vars. Godfrey Aschmann, 1012 W. 12th St., Philadelphia, Pa.

Ferns, Boston, 2 1/2-in., \$4 per 100; 3-in., \$7. Scotti, 4-in., \$25 per 100. Storrs & Harrison Co., Painesville, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Ferns. Fine stock from 2½-inch pots ready now. Nephrolepis Roosevelt (The Fountain Fern), NEW. See display advertisement in this issue page 844. The grandest of all ferns. We took your order now for June 1st delivery, \$3.50 per dozen; \$25 per 100; \$200 per 1,000. Nephrolepis Bostoniensis (The Boston Fern), \$3.50 per 100; \$30 per 1,000. Nephrolepis Davallifolia (The Fish Tail fern), \$4 per 100. Nephrolepis Goodii (The Baby's Breath fern), an improved Adiantum, \$3 per doz.; \$7 per 100. Nephrolepis Scottii (The Newport fern), \$4 per 100. Nephrolepis Springfieldi (The Springfield fern), upright fern for vases, \$3.50 per 100; \$30 per 1,000. Nephrolepis Substantia (The Fluffy Ruffles fern), NEW, \$1 per doz.; \$6 per 100. (Nephrolepis Whitmanii (The Austrian Plume fern), \$3.50 per 100. Nephrolepis Harriettii (The Harris fern), a sport from Boston of stiff upright growing habit, \$4 per 100; \$35 per 1,000. For larger size ferns write for prices. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

#### IMPORTANT SPECIAL NOTICE.

**PRICE ADVANCE.** The heavy demand from those who have seen NEPHROLEPIS ROOSEVELT growing on the coast and scarcity of stock compels us to advance the price on all orders dated after June 1st to the following: 2½-inch, 50¢ per doz.; \$5 per 100; \$50 per 1,000. It is our belief that the price of Nephrolepis Roosevelt for 1911 will be maintained during the season of 1912. THE GOOD & REESE CO., Springfield, Ohio.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, Ohio.

Ferns, Boston and Scottii, 2½-in., 4c; 3-in., 6c. Pteris, 3-in., 8c. Senecio, 3-in., \$1; 10-in., \$1.25; 12-in., \$1.50 each. Mosbach Greenhouse Co., Onarga, Ill.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitmanii, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns, Boston. Elegantissima, 4-in., fine stock, \$12 per 100; 2½-in., \$2.25 per 100; \$20 per 1,000. Wagner Park Conservatories, Sidney, O.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechslein, Chittenden, St. Paul, Minn.

Ferns. For varieties and prices see advertisement on 1st cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Neph. Glaziersii, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glaziers, 463 Summit Ave., West Hoboken, N. J.

Boston ferns, 10-in., \$2.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

Ferns. Bobbink & Atkins, Rutherford, N. J.

**FEVERFEW.**

Feverfew, double white, 2½-in., 2½c. Mosbach Greenhouse Co., Onarga, Ill.

**FIGUS.**

**FIGUS ELASTICA.** Rubber plants, fine stock, \$4 per doz.; \$30 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Figus Pandurata, 3 to 7 ft., \$1.50 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

**GERANIUMS.**

Geraniums, best standard sorts, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100. Silver Leaf Nutt, Sophie Dumareque, Mt. of Snow, Dak.

Duke of Edinburgh, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100. Apple rose, putneg, lemon, etc., 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent Jr. & Sons Co., White Marsh, Md.

**ROOTED GERANIUM CUTTINGS.**

Choice stock for immediate delivery. Nutt, Grant, Poltevine, Buchner, strong top cuttings ready for 2½-in., \$3 per 100; \$18 per 1,000. The W. T. Buckley Co., Springfield, Ill.

Geraniums, 12,000 in full bloom, all leading varieties, principally Nutt, 4 and 4½-in., \$7 and \$8 per 100. Cash please. P. Rieth & Co., Downers Grove, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Wand, California, Poltevine, Jaulin, Ricard, Buchner, R. C., \$1.25; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geranium Mmc. Salleri, 3-in., extra fine stock at \$3 per 100. Cash. Plattville Floral Co., Plattville, Wis.

Geraniums, 50 vars., 2½-in., \$2.50 per 100. Storrs & Harrison Co., Painesville, O.

Geraniums, nice stock plants, bud and bloom. S. A. Nutt, Ricard, Beute Poltevine, Buchner, 4-in., \$7 to \$8 per 100. Geo. Glaziers, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

Geraniums, our selection 4-in., \$7 per 100; 3-in., \$4 per 100; 2-in., \$2 per 100; \$18.50 per 1,000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, Ohio.

Geraniums, standard varieties, 4-in., 5c; 5-in., 15c. Ricard, 3-in., 5c. Rose, 3-in., 4c. Mosbach Greenhouse Co., Onarga, Ill.

Geranium Mmc. Salleri, 2½-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, 4-in., \$8 per 100. Frank Felke, Wilmette, Ill.

Geraniums, R. C. Nutt, Ricard, Poltevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 3-in., \$5 per 100; 4-in., \$8 per 100. Otto J. Henckreier, Lincoln, Ill.

Geraniums, 6 Vars., 3-in., \$5 per 100. Jos. H. Cunningham, Delaware, O.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 80c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4 and 5c per yard. J. Jansky, 19 Franklin St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, long mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsanos & Co., 50 W. 43rd St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

**HARDY PLANTS.**

Perennial Seedlings, hollyhocks, under color, \$1 per 1,000. Helianthus Multiflorus, 8 pl., \$10 per 1,000. Garden pinks, Lychins Hagenia Pyrethrum, Gaillardia grandiflora, and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Gnaphalium, 2½-in., \$2.50 per 100; 3-in., \$5 per 100. Cash please. Harry Heint, West Toledo, O.

Hardy perennials. Wm. Tricker, Arlington, N. J.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

**HELIOTROPES.**

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Heliotrope, 2½-in., \$3 per 100. Cash please. Harry Heint, West Toledo, O.

**HYDRANGEAS.**

Hydrangea Arborescens Grandiflora Alba or (Hills of Snow), NEW. 2-year-old field-grown, 3 to 5 cans, \$2 per 100; \$12 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hydrangea P. G., 18 to 24 ins. \$5 per 100; 2 to 3 feet, \$6; 3 feet, \$7. Tree shaped, 3 to 3½ ft., \$8; 3 to 4 ft., \$10. J. H. Dann & Son, Westfield, N. Y.

Hydrangea Ottaka in bloom, specimens, \$2 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

**IVY.**

ENGLISH IVY, from 2½-in. pots, 50c per doz.; \$4 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**JASMINES.**

Cape jasmynes. See advertisement elsewhere in this issue for prices. T. W. Carlton, Alvin, Texas.

Jasmine buds, \$1 to \$1.50 per 100; \$5 to \$13 per 1,000; 500 at 1,000 rate Woodward Floral Co., Alvin, Texas.

**JUMPING BEANS.**

Mexican Jumping Beans. Live beans that continue to jump for weeks; the greatest wonder for now window and counter trade, 50c per 100; \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

**LANTANAS.**

LANTANAS, Best Dwarf Bedders, five distinct colors, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**LEMONS.**

PONDEROSA LEMON, gigantic fruit, 2½-in. pots, 50c per doz.; \$3 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**LILACS.**

Lilacs, Jacs Smits, Lt., Naarden, Holland.

**LILY OF THE VALLEY.**

**To Import.**

Lily of the valley. Premium select, \$13.50 per 1,000. Premium \$12 per 1,000. International, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley. Jacs Smits, Lt., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

**From Storage.**

Lily of the valley, Chicago Market Brand, \$2 per 100; \$18 per 1,000. The Florists' Money Maker, \$1.75 per 100; \$14 per 1,000. H. N. Bruns, 3038-40 W. Madison St., Chicago.

Lily of the valley, cold storage plus, case of 1,000, \$13; case of 3,000, \$39. J. M. Thornburn & Co., 33 Barclay St., New York.

**MOONVINES.**

Moonvines, Ipomea Maxima, the giant flowering; flowers twice the size of the old varieties. Order now as there are never enough moonvines to go around; 2½-in. pots, \$4 per 100. The old varieties, \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Moonvines, 2½-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

**MUSHROOM SPAWN.**

Mushroom Spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

**NIEREMBERGIA.**

Nierenbergia gracilis, indispensable for fine box or basket work, 2½-in., \$6; R. C., \$1. W. J. Olds, Union City, Pa.

**NURSERY STOCK.**

Trees, Morus pendula, 3-yr., 5 ft., \$1.25 each. Cherry, Early Richmond and Dreyfus, 6 to 8 ft., 50c. Acer Negundo, 8 to 10 ft., \$1. Salix Americana, 7 to 8 ft., \$1.25. Ulmus Montana pendula, 10 to 12 ft., 50c. Populus Monilifera, 2 to 2½-in., 75c. Shrubs, Forsythia Siberica, 3½ to 4 ft., 25c. Spiraea Sorbifolia, 2½ to 3 ft., 20c; S. Thunbergii, 2½ to 3 ft., 25c. Symphoricarpos Racemosa, 4 to 5 ft., 35c. S. Vulgaris, 2½ to 3 ft., 20c. Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Nursery stock, rhododendrons, hardy, ornamental, evergreen and deciduous trees, roses, Camellias, Japanese maples, hardy climbing plants, clipped box and yew, etc. L. Garcken, Hazerswoude, near Leiden, Holland. A. S. Dreyer & Co., Woodstock, Ill., Agents.

**NURSERY STOCK.** Early Richmond Cherry, 2-yr., 14-in. stems, 7 to 8 ft. trees, 50c each. Dreyfus Cherry, 2-yr., 18-in. stems, 7 to 8 ft. trees, 50c each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, ornamental trees and shrubs. W. & T. Smith Co., Geneva, N. Y.

**ORANGES.**

OTATEITE ORANGE, 2½-in. pots, 50c per doz.; \$3.50 per 100. Our new trade list of everything you need now ready; mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**ORCHIDS.**

Orchids, Importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 28 Broadway.

Orchids, Largest stock in the country. Ilius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrel, Mt. N., N. J.

Orchids, all commercial, catleya: Carillo & Baldwin, Mamardoz.; \$15 per doz.; \$12 per 100.

**PANDANUS.**

PANDANUS UTILIS, 3-in. pots, \$3 per 100; 4-in., \$3 per 100. \$12 per 100. T. Edgebrook, Chicago.

Us About It

If You Do Not Find What You Need in Our Ready Reference Department



**PANSIES.**

50,000 FIELD-GROWN pansy plants, never under glass, strong, bushy plants. THE KIND THAT SELL, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

Pansies, transplanted, \$1.25 per 100; \$10 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

**PALEMS.**

Palma, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$30 per 100. Lantana Borb., 3-in., \$5 per 100; \$50 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phoenix canariensis, 2 to 2 1/2 ft., 45c; 2 1/2 to 3 ft., 75c; 3 to 3 1/2 ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

**PEONIES.**

Peonies. Write for our special price list on PEONIES. We have all the good ones. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Peonies, 50,000 flowers for Memorial Day, \$1 per 100. Thos. A. McBeth, Springfield, Ohio.

Peonies, all vars. Jacs Smits, Naarden, Holland.

**PENNISETUMS.**

Pennisetum Ruppelianum, Fountain grass, 2 1/4-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

**PHLOX.**

Phlox. We offer fifty thousand hardy phlox in 10 leading varieties, all colors, field-grown plants, \$3 per 100; \$27.50 per 1,000. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Hardy perennial phloxes. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Phlox, Miss Lingard, 75c per doz.; \$8 per 100 clumps; \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox, 15 vars., R. C., \$1.25 per 100; by mail, \$1 by express. A. M. Herr, Lancaster, Pa.

Phlox, hardy, White and Birdseye, \$5 per 100. Mosbach Greenhouse Co., Onarga, Ill.

**POINSETTIAS.**

Poinsettias, 2 1/4-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2 1/4-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

**PRIMULAS.**

CHINESE PRIMROSES, from finest strain, 2 1/4-in. pots, 50c per doz.; \$3.50 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

**RHODODENDRONS.**

RHODODENDRON CATAWBIENSIS the very best variety grown, 8 to 12 buds \$4.50 per doz.; 12 to 20 buds \$6.50 per doz.; 25 to 30 buds, \$9.50 per doz.; to 3 1/2 feet, extra heavy, \$1.50 each. Wagner Park Conservatories, Sidney, Ohio.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**ROSES.**

| ROSES.                     |          |            |  |
|----------------------------|----------|------------|--|
|                            | Per 100. | Per 1,000. |  |
| Bride, 2 1/4-inch          | \$3.00   | \$25.00    |  |
| Bridesmaids, 2 1/4-inch    | 3.00     | 25.00      |  |
| Union John, 2 1/4-inch     | 3.00     | 25.00      |  |
| Mr. Jardine, 2 1/4-inch    | 3.00     | 25.00      |  |
| Richmond, 2 1/4-inch       | 3.00     | 25.00      |  |
| Pink Killarney, 2 1/4-inch | 5.00     | 40.00      |  |

WISTOL BROTHERS, Chicago.

162 North Wabash Ave.

ROSE PLANTS FROM 3-IN. POTS.

|               | Per 100 | Per 1,000 |
|---------------|---------|-----------|
| Killarney     | \$4.00  | \$35.00   |
| Am. Killarney | 6.00    | 50.00     |

One-year-old.

162 N. W. bench plants, 6.00 50.00

Roses, 3 to 4, REINBERG.

and Bridesmaid, Victoria, Pink

100. Grafted Killarney, own roots, Brides

Pink Killarney, \$1.00. Kaiserin Augusta

Syracuse, N. Y., and Richmond, \$5 per

1,000. Killarney and Kaiserin Augusta

to R. R. Quinlan.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

American Beauty, strong 2-inch plants, thrifty and healthy, \$50 per 1,000. Sherman Nursery Co., Charles City, Iowa.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

**SALVIA.**

Salvia, 4 different varieties, 2 and 2 1/2-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. P. Rieth & Co., Downer's Grove, Ill.

Salvia Zurich, 2-in., 2c; 3-in., 3 1/4c. Bavaria. White Zurich, 2-in., 2 1/2c. Jewel introduction to 1911, 2-in., \$1 per doz. J. L. Schiller, Toledo, O.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatories, Sidney, O.

Salvia splendens, 2-in., \$2.50 per 100; 3-in., \$4. Reeser Plant Co., Springfield, O.

Salvia, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvia, 2 1/2-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvia, 2,000 healthy plants, 4-in., \$5 per 100. Frank Felke, Wilmette, Ill.

Salvia, Splendens, 2 1/4-in., 2 1/2c. Mosbach Greenhouse Co., Onarga, Ill.

Salvia Zurich and L. Fauntleroy, 3-in., \$5 per 100. Cash please. Harry Heini, West Toledo, O.

**SEEDS.**

Seeds, Phoenix canariensis, \$1.50 per 1,000. Phoenix Planting Co., \$2.25 per 1,000. Phoenix sylvestris, \$3 per 1,000. Washington Nursery, \$1 per 1,000; \$4 per 5,000. Chamissoa excelsa, 75c per 1,000. Erythra armata, 100 seeds, \$1.

\$8 per 1,000. Asparagus plumosus nanus, 1,000 seeds, \$2.50; 2,000 seeds, \$4.75; 5,000 seeds, \$11.25; 10,000 seeds, \$20. Strawberry guava, 50c per doz.; \$5 per lb. Frank H. Warner, 1100 So. Flower St., Los Angeles, Calif.

Seeds, Asparagus plumosus nanus, \$2 per 1,000; seeds, 5,000 to 10,000 lots, \$1.75 per 1,000. Asparagus Sprengeri, 50c per doz.; postpaid, to any address in the U. S. Price larger quantities on application. Morris & Snow Seed Co., 425 So. Main St., Los Angeles, Calif.

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars., melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

SMILAX. Smilax, \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax, Wood Bros., Fishkill, N. Y.

SNAPDRAGONS. Snapdragons, pure pink, best seller of all snapdragons, R. C. \$2 per 100; \$18 per 1,000. prepaid; 2-in., \$3 per 100; \$25 per 1,000; 500 at 1,000 rate. Cash. Clement S. Lewis, Aldan, Delaware Co., Pa.

Snappdragons, 2 1/2-in., white, pink, yellow and red, \$3 per 100. Cash please. Harry Heini, West Toledo, O.

STEVIA. Stevia, \$1 per 100; \$8 per 1,000. Express paid. C. Humfeld, Clay Center, Kans.

STOCKS. Stocks, English double Ten Weeks, extra fine stock, flowering for Decoration Day; separate colors, 4-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

STRAWBERRY PLANTS. Strawberry plants, Senator Dunlap, \$2.50 per 1,000. Mosbach Greenhouse Co., Onarga, Ill.

SPIRAES. Spiraea Gladstone, Queen Alexandra, 6-in., in bloom, \$6 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Spiraea, J. Smiths, Ltd., Naarden, Holland.

STOVE PLANTS. Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

SWAINSONA. Swainsona alba, strong, 2 1/4-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

VEGETABLE PLANTS. Vegetable plants. Cabbage: Wakefield, All Head, Succession, etc., \$1 per 1,000; 10,000 and over, \$1 per 1,000. Lettuce: Grand Rapids, Big Boston, Boston Market, Tennis Ball, \$1 per 100; 10,000 and over, 85c per 1,000. Celery: White Philadelphia, \$1 per 1,000; Grand Rapids, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Cabbage plants: lettuce, all kinds, \$1 per 1,000; \$7.50 for 10,000. Tomato: All and Sweet Potatoes, \$1.50 per 1,000. Cauliflower: Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

Sweet potato plants, yellow Jersey stock, \$2 per 1,000. Mosbach Greenhouse Co., Onarga, Ill.

Pot tomato plants, best early varieties, \$2 per 100. Cash, please. F. Windeler, Rushville, Ind.

Tomato Ponderosa, 2 1/4-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

**VERBENAS.**

VERBENAS. Finest seedlings from 2 1/4-in. pots, \$2 per 100. Our new Trade List of everything you need now ready, mailed on application. Write today. THE GOOD & REESE CO., The Largest Rose Growers in the World, Springfield, Ohio.

Verbenas, 2 1/4-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Verbenas, 4 colors or mixed, 2-in., 2c. J. L. Schiller, Toledo, O.

Verbenas, seedlings, 2 1/4-in., \$2.50 per 100. Cash please. Harry Heini, West Toledo, O.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

VINCAS. Vinca Minor (myrtle), good for shady places, strong root runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid, by express, \$3 per 100. Chas. Frost, Richmond, N. J.

Vinca variegata, very strong, 3-in., \$6 per 100; 3 1/4-in., \$7 per 100; 4-in., \$10 per 100; 5-in., \$15 per 100. Harry Heini, West Toledo, O.

Vinca minor, field-grown stock, strong plants, 4c. Vinca variegata, 2 1/4-in., 2 1/2c; 3-in., 5c; 5-in., 15c. Mosbach Greenhouse Co., Onarga, Ill.

Vinca Var., strong, 4-in., 10c; 4 1/2-in., 12 1/2c; 5-in., 15c. Cash please. Harry Heini, West Toledo, O.

Vinca variegata, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

VIOLETS.

VIOLET CUTTINGS.

FANCY PRINCESS OF WALES.

\$12 per 1,000.

KENNICOTT BROS. COMPANY.

163-165 N. Wabash Ave.

CHICAGO.

Violet Swanley White, \$3 per 100. Storrs & Harrison Co., Fairview, O.

INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoo, Pa.

Pillsbury's carnation Staples, 60c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Coal for florists a specialty. W. Virginia, Indiana and Illinois. Harrisburg-Franklin Coal Co., Fisher Building, Chicago.

Florist Coal, New River, Pocahontas and W. Virginia. Pinger Coal Co., Old Colony Bldg., Chicago.

Cliffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Coal, Black Gem Block, Illinois, Indiana lump, Hocking lump, Smokeless coals, Black Gem Coal & Coke Co., Old Colony Bldg., Chicago.

Seed packets. The Brown Bag Filling Machine Co., Pittsburg, Mass.

Taylor Automatic Return Trap, Taylor Steam Specialty Co., Battle Creek, Mich.

POTS, PANS, ETC.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

Pots, J. A. Bauer Pottery Co., 415-21 Ave. 35, Los Angeles, Calif.

Pots of all kinds, L. H. Hudka Pottery Co., 2619 Herndon St., Chicago.

Pots. Florist red, Peters & Reed Pottery Co., Zanesville, O.

STARIS.

Cane Stars. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, 45c. Vaughan's Seed Store, Chicago.

Cane Stars, Yokahama Nursery Co., Ltd., 31 Barclay St., New York.

If You Do Not

Want You Need in Our Ready Reference Department, Write Us About It

# Florists' Coal!!

New River, Pocahontas  
and W. Virginia Coals.

Write or Phone for Immediate  
or Summer Deliveries.

## Pinger Coal Co.

Phone Harrison 6823.  
Old Colony Bldg., Chicago.

The Chicago Coal Market.

It is reported that Illinois lump coal has been selling in Chicago for about \$1 a ton f. o. b. the mines and that West Virginia, Ohio and Indiana mine run can be had for about 90 cents a ton f. o. b. mines. This drop, of course, is out of the ordinary and is not expected to last more than a few days.

From reliable sources we find that Pocahontas No. 3 mine run will average about \$1.10 f. o. b. mines until August, taking an average jump to about \$1.25 f. o. b. mines in September.

Other grades of coal will be about as follows:

|                                  | Present<br>Delivery | September<br>Delivery. |
|----------------------------------|---------------------|------------------------|
| Ind. Stead Lump...               | \$1.35              | \$1.40-1.50            |
| Ind. Dom. Lump...                | 1.50                | 1.75                   |
| Carterville 6-inch<br>Lump ..... | 1.20-1.35           | 1.75                   |
| Franklin Co.<br>Lump .....       | 1.35                | 1.75                   |
| Youghiogheny ...                 | 1.50                | 1.75                   |
| W. Va. Splint....                | 1.50                | 1.75                   |
| Hocking Valley...                | 1.50                | 1.75                   |
| L. V. Brazil Block               | 2.15-2.25           | 2.50                   |

Toronto.

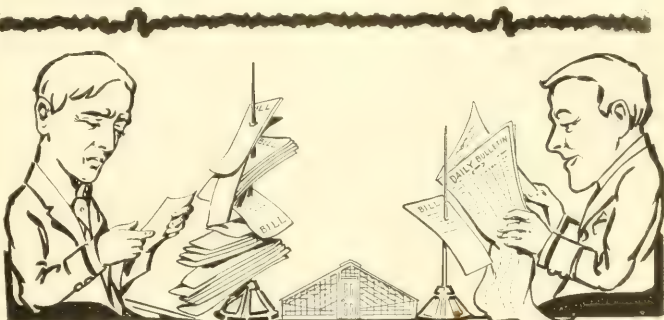
PLENTY OF STOCK.

Business up to the last week has been elegant with a decided increase over former years, but lately there has been a shortening up in the demand and stock in most every variety is plentiful. In roses, American Beauties are short in crop, but the other varieties are plentiful. Richmond, of good color with stems four feet long, are most desirable in red, while the two Killarneys with their good quality can easily supply the demand in pink and white. Carnations, though not in heavy crop, are still plentiful enough to meet demands, the stock in most places is fine, though an occasional place is found where the shading has been neglected, and the flowers have faded. Snapdragons, gladioli, lilies, sweet peas and numerous flowering shrubs all help to give the stores a truly floral effect. Mothers' day created an extra demand from the out-of-town florists and the growers were not slow in taking advantage to get an extra cent each on carnations (which seems a poor policy at this season). The demand locally was, however, little better than any other Saturday.

NOTES.

The Georgetown Floral Co. have sold their plant to the A. E. Moore Floral Co., the latter company being composed of A. E. Moore, Sam. Kirke, James Trimbee and Donald McIntyre. Mr. Moore will look after the sale of the goods while the other three members, all growers, are to produce the stock.

R. Jennings of Brampton was a visitor, stock is still in very good shape and additional glass is going up so that the increased supply may be met. An automobile has been added



## A Bunch of Bills or One--Which?

**B**ILLS for your greenhouse materials—bills for your heating, bills for your ventilation, bills, bills, bills, and after that more bills; each one covering a separate lot of material you bought from a dozen different concerns, each doing business in a different way. A different letter to each one when each thing is wrong. 'Bother, bother, and still more bother! But the worst of all, when your house is finished it is patchy! Things made by the different concerns were not made for each other and they look it.

How much better to build the Hitchings' way by making one blanket contract that covers everything. You get one bill—pay one bill—all your correspondence is with one firm—all adjustments are with the same people. An easy, pleasant way of doing business. And—you actually save money—real money. Want proofs? Then write us.

## Hitchings & Company

Or call at our New York Office, 1170 Broadway.

Write to our General  
Offices and Factory,  
Elizabeth, New Jersey,

## Florists' Coal a Specialty

Miners and Shippers of the Better Grades only.

### W. Virginia, Indiana and Illinois Coals

### Harrisburg-Franklin Coal Co.

Phone Harrison 7891,

Fisher Building, CHICAGO

LET US HAVE YOUR INQUIRIES BEFORE ORDERING.

## Black Gem Coal & Coke Co.

OLD COLONY BUILDING, CHICAGO.

Save Money  
Order Now

### Black Gem Block

Illinois, Indiana Lump, Hocking Lump,  
Smokeless Coals.

Write us—Tell us your needs—We will quote bargain price for immediate or summer delivery. Long Distance Phones Harrison 962--1163.

for recreation purposes and some joy rides are promised us.

J. H. Dunlop, who was ill so long, has returned from a trip east. Although not fully recovered, he is getting along splendidly.

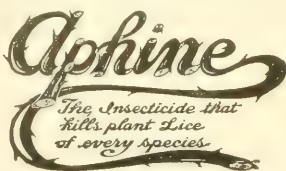
The splendid weather lately has put the ground in fine shape for planting and many carnations are being hurried to the fields, the plants are in

fine shape and many of the better ones are being grown indoors for early blooms.

The tulip beds in the city parks are at present a blaze of color and are much admired by the many visitors.

Former Park Commissioner John Chambers has been appointed superintendent of the Government Grounds. H. G. D.





## FUNGINE

An infallible remedy for Mildew, Rust and other fungus diseases.

### CEDAR HILL GARDENS.

SEA CLIFF, N. Y., May 8, 1911.

"I take pleasure in telling you that after having tried Aphine according to your directions I have personally found Aphine better for black aphid on violets and 'mums than the Hydro-Cyanide Gas, being less dangerous for the plants, as well as for the operator, and doing the same work with equal efficiency. I have not tried Fungine myself, but followed its use day after day at one of my customer's carnation and rose houses. The gardener agrees with me, and all the greenhouse men, that Fungine is a grand preventive, as well as the best destroyer of mildew and carnation rust, if applied properly. It does all it is recommended to do. We cannot do without it in rose houses."

T. H. POLBOS.

### VOLCANO GREENHOUSES.

NEVADA, MO., May 9th, 1911.

"We received the Aphine you sent us and it is everything you recommended it to be. I am glad we now have something that we can mix just as directions call for to get the proper results."

E. D. PIERCE, MGR.

KIRKWOOD, MO., May 1st, 1911.

"We have tested the Aphine you sent us and the results were very satisfactory. We used Aphine according to directions for black aphid and had all aphid killed on first application. . . . We have full faith in Aphine."

F. W. UDE & SON.

### For Sale by Seedsmen.

Manufactured by

**Aphine Manufacturing Company**  
MADISON N. J.

**Holds Glass Firmly**  
See the Point #2  
**PEERLESS**  
Glazing Points are the best.  
No rigids or lefcs. Box of 1,000 points 75 cts. postpaid.  
**HENRY A. DREBE,**  
714 Chestnut St., Phila., Pa.

Mention the American Florist when writing

**SIEBERT'S ZINC**  
Never Rust  
**GLAZING POINTS**  
Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40c per lb. by mail loc extra. 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.  
**RAND OLPH & McCLEMENTS, Successors to**  
Chas. T. Siebert, Baum & Beatty Sts., Pittsburg.

**Siebert's Zinc Glazing Points.**  
Good for small or large glass, do not rust, easy to drive  $\frac{3}{4}$  and  $\frac{1}{2}$  inch Per lb. 40c. 5-lbs. \$1.85. 20-lbs. \$7.00  
**VAUGHAN'S SEED STORE**  
Chicago New York

**Always** mention the American Florist when you order stock. 1911

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

Sold through Seedsmen and Dealers in Florists' and Poultry Supplies.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your Dealer about our Extension Hose, Extension Rods, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

**J. G. MASTIN CO.**

3124 W. LAKE STREET, CHICAGO, ILL.

Mention the American Florist when writing

**Nikoteen** The most effective and economical material there is for spraying plants and blooms.  
**Nikoteen** Is skillfully extracted from leaf tobacco and carefully refined: it is clean and easy to apply.  
**Nikoteen** does the work when vaporized either in pans, on pipes or over a flame. Full Pint Bottles, \$1.50.

## Nikoteen Aphis Punk

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

Price \$6.50 per case of 12 paraffined boxes  
All Seedsmen.

## Garman's Antipest

INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless to vegetation.

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

**PERFECTION CHEMICAL CO.,**

FLUSHING, N. Y.

Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910

Guaranteed under insecticide act, 1910.

Serial No. 91 of U. S. Agricultural Dept.

## Cattle Manure in Bags Shredded or Pulverized

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequaled for all field use. Write for circulars and prices.

**The Pulverized Manure Company**

32 Union Stock Yards. Chicago

Mention the American Florist when writing

*green flies and black ones too*  
are easy to kill with  
**The Fumigating Kind Tobacco Powder**  
\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?  
**THE R. A. STODOLSKY CO., MOUNT VERNON, N. Y.**

## Greenhouse Construction.

By Prof. L. R. Taft. Price \$1.50  
**AMERICAN FLORIST CO.**  
440 Dearborn St., CHICAGO



## THE BEST Bug Killer and Bloom Saver

For PROOF Write to

**P. R. PALETHORPE COMPANY,**  
Owensboro, Ky



## ADVANCE MACHINES

Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel angle brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2-inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.

## Circulation in Buyers' Brains

IS the kind enjoyed by the American Florist. Its actual paid circulation, we believe, is the largest in its class. The contents are of real present value and are preserved for future reference. Advertisers who realize this establish permanent business with the best trade in the United States and Canada.

## Raffia For Florists' Use

We are positively headquarters for two best grades.

Bales or ten bales.

Write today for prices.

**VAUGHAN'S SEED STORE**  
New York Chicago.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

## "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural traders; it is also taken by over 1000 of the best continental houses.

Annual subscription, to cover cost of postage, 75c. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowtham, Notts.

Address **Editors of "H. A."**  
Chillwell Nurseries, LOWDHAM, Notts, England



## EVANS' Improved Challenge Ventilating Apparatus

Write for Illustrated Catalog.  
Quaker City Machine Works,  
N. C. & D.



## The Fifth "Time and Money" Talk on our Pipe Frame House.

FIRST and foremost, it has a complete Iron Frame, and calling it the Pipe Frame House came about this way. The wooden house didn't meet the demands of the growers for a light and enduring house and some of them failed to see the value of our Sectional Iron Frame house as a permanent investment; so we simply struck a happy medium and made a house that actually has a complete iron frame; one made with guaranteed wrought iron posts on the sides and gables, and in place of the iron rafters running from eave to ridge as in our sectional iron frame houses, we use a Pipe and clamp Frame with the Giant Arch as the main point of strength.

In every other way this Pipe Frame House has identically the same framing as our everlasting Sectional Iron Frame Construction. You see, then, that our name Pipe Frame is merely a term to distinguish it from our other houses, and does mean that the entire frame is strictly pipe. That Giant Arch, for instance, is a tower of strength by itself, and ties the house together, holds the roof up and keeps the roof down. For saving time in erection, lightness and endurance this Pipe Frame is the only second our Iron Frame construction ever had.

Suppose we were to give you a list covering some of the important parts that actually are iron in our Pipe Frame House, then you could see how greatly it differs from any other concern—very well, we will, but next week for that list.

## Lord and Burnham Co.,

Irvington, New York.

New York  
St. James Building.

Boston  
Tremont Building.

Philadelphia  
Heed Building.

Chicago.  
The Rookery.

Mention the American Florist when writing.

# CYPRESS

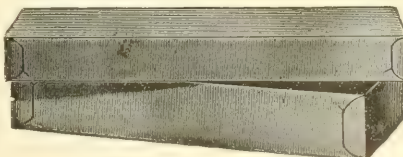
Is a wood that has come into very general use in

**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

Mention the American Florist when writing



## CUT FLOWER —AND— Design Boxes

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
MILWAUKEE.



## BIG BARGAINS

in Greenhouse Boilers

- 3 54-in. x 12-ft. Internal Fired  
Hot Water Boilers.....\$200.00  
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Steam Boilers..... 225.00  
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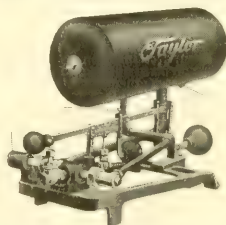
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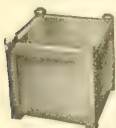
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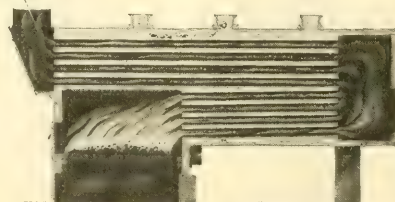
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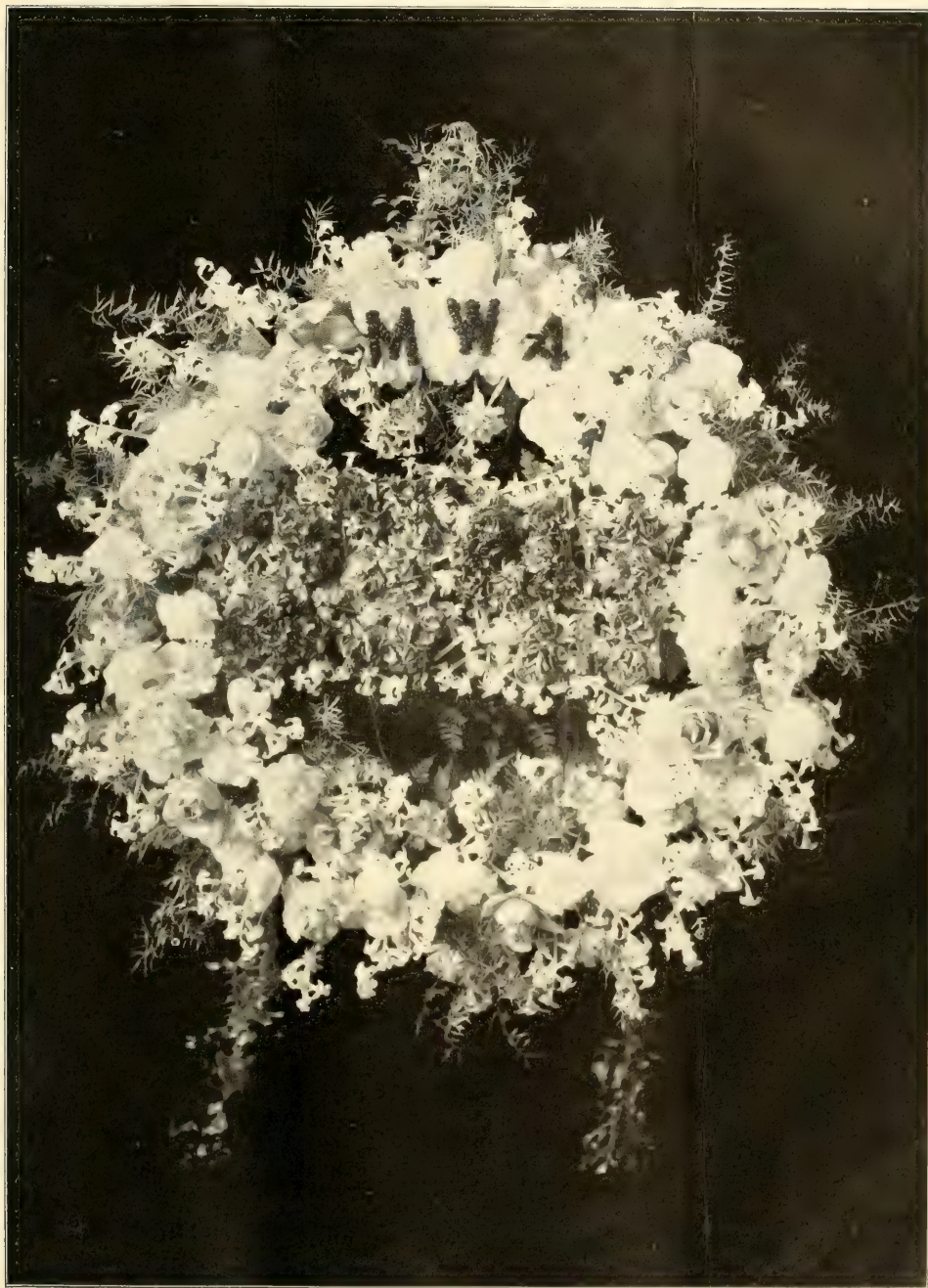
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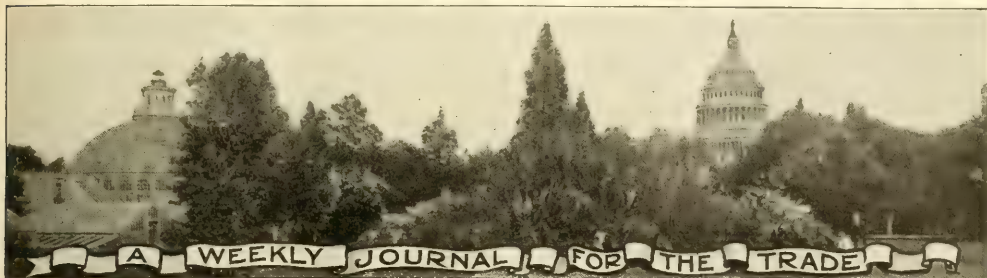


WREATH ON EASEL.





# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, MAY 27, 1911.

No. 1199

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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Mich., 1912, A. FAHRENWALD, Roslyn, Pa., Presi-  
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Detroit, Mich., January 24, 1912, J. A. VALENTINE,  
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Annual convention and exhibition in conjunc-  
tion with the St. Louis Horticultural Society, St.  
Louis, Mo., November 7-11, 1911, ELMER D.  
SMITH, Adrian, Mich., President; C. W. JOHNSON,  
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## SUGGESTIONS FOR PLANT GROWERS.

### Stock Plants.

It makes no difference how busy the grower is there is one thing that he should always keep in mind and that is the next season. As the stock is sold it is always the case that the best is picked out and the poorest left, and especially is this the case when much of the trade comes to the greenhouse and selects their own purchases. It is utter folly to think that one can continue from year to year to reserve only the poorest of his stock and not have the quality deteriorate. When there is a scarcity of stock from which young plants are to be propagated the next season, or with varieties for which there will be a great demand and there is danger that the stock on hand will be well sold out, it is best to select a number of good strong plants and set them aside and mark them sold, or get them into their summer locations before the buyers get them picked over and the very ones that should be reserved for stock plants sold. This is especially the case with geraniums for a good, strong, well-branched young plant will produce three times as many cuttings in the fall as a weak single stem plant and furnish good, strong, healthy plants for another year. It is also a good plan to keep all the buds and flowers cut off of these for two reasons, first, it increases the strength and growth of the stock, and second, not bearing any flowers they are not attractive to the buyers. There are many other plants beside the geraniums to which this practice is applicable, extra fine double petunias, double lobelias, in fact, any stock of which plants must be saved for next season's propagation.

### Poinsettias.

The propagation of poinsettias should now be carried on as fast as the cuttings can be obtained, and these should be growing very rapidly on the stock plants. When the cutting has reached a length of two inches it should be cut off from the old plant with the heel and trimmed of all the foliage except the very small leaves at the top. These soft shoots are very tender and will need to be shaded for the first few days in the propagating bed, and if placed

in a bench where there is no bottom heat and shaded, are far too cool to make any progress toward either rooting or growth. In a mild hotbed where they can be kept quite close and moist and at the same time shaded they will root very readily. Where they are not grown in quantities enough to go to this trouble we have had very good success without bottom heat by keeping them covered with a bell glass or by placing panes of glass upright on the edges of the propagating bench and also over the top, resting on the upright panes, but this is by no means as sure as the bench with bottom heat. The cuttings should be potted as soon as rooted in 2½-inch pots and they will have to be handled carefully as the roots are very brittle and break off easily. Do not take many out of the bench at a time for the roots are very soft and succulent and if allowed to lie on the potting bench too long will dry up and shrivel and the plant will die.

### Gardenias.

The young stock rooted in late winter will now be fine plants in small pots and will need to be shifted to 4-inch pots right away. Pot firmly in a good loamy compost with a generous allowance of well-decayed cow manure and coarse sand and keep the plants growing freely. If any extra long growths start out they should be pinched back, for they should be kept short and stocky and become well branched. In many cases the natural breaks which the plants make by setting buds, which should be removed as soon as they form, is sufficient, but if this does not happen the growths should be nipped off. The benches where they are to be grown should be prepared in early summer, and the plants set out early enough so that the roots will fill the soil before cool weather, when it will be necessary to keep them on the dry side. It is not necessary that the benches should be too deep, four to five inches of soil if properly compounded is plenty and there is less danger of its becoming soggy and sour during the winter, which is one of the worst features in growing these plants. All the buds should be pinched out until September on plants which are to be bloomed during the winter season.



**Marguerites for Winter.**

The plants intended for winter blooming should be selected and grown on for that purpose. Some growers plant them out in the field, lifting them during the latter part of August, but they will require a great deal of attention if grown in this manner and are apt to be neglected. The most successful growers grow them in pots all summer. They should be now shifted in 4-inch pots and plunged in a cold frame, where they will never suffer for lack of water. The buds should be removed continually as fast as they appear, that the strength of the plant may all go to the growth, and should not be allowed to become badly pot-bound. As soon as the roots begin to work through the bottom of the pot into the soil beneath, they should be shifted into a size larger, even if it is necessary to pot them into the six-inch size before September. At that time they should be placed in their blooming pots, either nine or ten-inch pots, and brought into the houses before the cool fall nights come or the growth may be checked.

**Crotons.**

The young stock of crotons should be kept in a good, light, sunny position to insure finely-colored plants for setting out, and above all things delay putting the crotons outside until all danger of frost or too cool nights is over. The plants are adapted to nice warm locations and make a very rich-looking bed on a lawn or grass border. After the bedding season there may be plants that will make good young stock, or some of the older plants will need trimming into shape, and it is now a good time to insert the cuttings in the propagating bench and grow the plants on for the winter or another season. To successfully root the croton cuttings there must be a bottom heat of at least 80° to 90°, and if there is no fire heat, a mild hotbed may be made up where these and several other plants may be successfully rooted during the summer. Be sure and keep the crotons well sponged and free from scales which quickly infest these plants.

**Diseased Geraniums.**

ED. AMERICAN FLORIST:

I forward you samples of diseased S. A. Nutt geranium leaves. The leaves spot, turn brown and finally dry up. Can you tell me the cause of the trouble? What is the best remedy?  
Indiana. H. H. T.

The geraniums are affected by a bacterial disease, for which no remedy is known. Certain varieties are much more subject to the disease than others, and it is advisable to discard extra sensitive sorts, and to grow the geraniums in houses that are properly ventilated, as the disease requires for entrance into the plant moist conditions with water persisting on the leaves for a considerable time.

ERWIN F. SMITH.

MINNEAPOLIS, MINN. — Theodore Wirth, superintendent of parks, delivered a lecture before the Y. M. C. A., May 10, on "Vacant Lots and Home Gardening," illustrated with pictures, showing how unimproved back lots may be made attractive by decorative shrubs, flowers and hedges.

**THE RETAIL TRADE**

Conducted by Robt. Kliff, Philadelphia, Pa.

**Easter Basket of Lilies.**

The basket of lilies which we illustrate was one of the beautiful features of the Easter display of Mrs. Ella Grant Wilson, 6402 Euclid avenue, Cleveland, O. The store was filled with beautiful plants and flowers and the window was especially attractive, being filled with well grown plants of lilies and ferns. Through the lily plants was woven a broad white ribbon on which was inscribed, "Consider the Lilies."

**May Flowers in the Chicago Stores.**

With the abundance of stock upon the market the retail stores are full of beautiful flowers and the windows are made particularly handsome and attractive with the displays of cut flowers and plants. The season past has been, in most cases, very satisfactory, the stores reporting an exceptionally fine Christmas trade and an unequalled Easter business. With the exception of a few weeks when roses were short in supply, and the unusual scarcity of American Beauty roses during late March and early April, there has been plenty of stock obtainable to successfully supply all the demands, and the stock has generally been of superb quality. This has all tended to make the business good and profitable and in a great measure accounts for the successful season. Just now, as is usual at this season, there is a lull in the business, and preparations and expectations for Memorial day and the June weddings and graduations are occupying the attention of all. Those that deal in bedding plants are busy getting the stock ready. The late season has held this branch of the business back considerably, but when it does start it will come with a rush and keep things humming for a short time.

To enumerate the stock seen at the different stores at this season would

simply be repetition, for with the large amount of stock being produced by the growers every one is bountifully supplied with the same goods. But of the stock it can be said that the roses are exceptionally fine and still lead the market both in supply and demand. American Beauty is still the leading rose and holds the high position which it has maintained for many years. Killarney and White Killarney have rapidly forged to the front and are displacing the Bridesmaid and Bride. Mrs. Jardine is very well thought of by many, and the beautiful stock which it has been possible to obtain has been a feature in the window displays this spring. My Maryland is now showing up well and as a summer rose is bound to take the place of the Killarney, and Kaiserin Augusta Victoria is beginning to show up well. Richmond is the leader in reds, and although Rhea Reid has some strong advocates, yet the former has obtained the hold upon the public and is hard to replace, for it has the color that is most desired. In carnations Enchantress has the call, but Dorothy Gordon is receiving a great deal of attention, and the colored varieties have had a good demand all winter. Orchids are growing in popularity and are being bought more freely. Just at present there is neither an overabundance or any great variety, but the cattleyas are the greater favorites and there is enough in the market to meet the demand. Violets are now about done, some few bunches being seen, but the violet seems to be losing its popularity, whether the much improved quality of the sweet pea has caused this or whether the buyers have tired of the perishable violet is not apparent, but the uses of sweet peas and orchids for personal adornment is greatly on the increase and has certainly had its effect upon the violet. The sweet peas are now beautiful and in large supply, and these arranged with appropriate green or with a few sprays of lily of the valley are the popular corsages of the day.



EASTER BASKET OF LILIES.

Arranged by Mrs. Ella Grant Wilson, Cleveland, O.



TWO GOOD MEMORIAL DAY WREATHS.

The bulb season is done, there being some outside flowers to be seen, and the poet's narcissus seems to have the best call. Lily of the valley has had a good call all the year and is still in good demand. The fine grade of antirrhinum has had a good sale all the season and some very handsome sprays are now on the market, both in colors and white, a bright pink that is especially well grown being very popular. The Spanish iris is seen in large quantities and makes a beautiful display. Lilies are in plenty and the large vases seen in the stores are very decorative and this flower is especially fine in funeral work. The gladioli are a beautiful spring addition to the flowers of this month and the lighter colors are very showy and liberally displayed.

The demand for flowers for funerals has been very good and some very elaborate designs are being arranged by all the stores and many beautiful pieces are to be seen. While there is nothing particularly novel or new, yet the designers by new combinations are continually adding novelty to this class of work. The great call seems to be for wreaths and sprays, which are always in demand. Some very nice examples of this class of work are to be seen at the stores, and this having an arrangement on display is a splendid way to not only educate the buyers but also, at times when flowers are low in price, to display them in a manner that will be remembered by the customers.

SPRINGFIELD, O.—The matter of competing for the prize for a new rose, offered by the Panama-California exposition, was taken up by the Florists' Club, and several local rose growers may enter the competition.

DANVILLE, PA.—J. J. Curran is fast getting the Castle Grove greenhouses in fine condition. The rose houses are being replanted and preparations for the carnations and other crops in progress. He has got fairly settled, and likes the location and prospects.

## CHRYSANTHEMUMS

### Preparations for Planting.

It is time that the grower of chrysanthemums should be planning the culture of the crop for the fall season. While many delay the planting in the benches until early in July, yet it is far easier to grow a fine bloom on stock planted in June than upon that placed in the benches as late as July. Especially is this so of those varieties that grow slowly and are short in height, and those that require the taking of the bud in August in order to procure the best flower. The early varieties will have to be planted the first week in June that the best results may be attained; Golden Glow and Smith's Advance are better planted even earlier than this date. These varieties can be had in bloom in August and through September, and the bud must be taken in July to finish the bloom as early as that date and the plant must have become well established in the soil before the bud sets in order to have a well finished bloom. It can then be easily understood that the plants must be benched early. The different varieties containing blood of Glory of the Pacific, Polly Rose, Pacific Supreme and Glory of the Pacific itself should be planted early, for they are all rather short-jointed in their habit of growth and as they mature their blooms in early October will have to be given time to make good growth before September. While these varieties will not require that the bud be taken as early as the first two mentioned, for with the pinks the early crown bud is very apt to be light colored, yet with late planting a second quality bloom is always the result. So it is much preferable to plant all the early-blooming varieties as soon as possible, that they may become well established and well rooted through the soil before the buds form, when it will be time to begin to feed them, either with a mulch or liquid manure.

The compost pile should have already been made, but if not, should be made up at once. This should be composed of two-thirds sod and one-third cow manure, and if the sod is coarse, it should be chopped or broken up. When composting the pile it is better to make it up in layers of eight inches of soil and four inches of manure and sprinkle bone-meal on top of the soil in each layer, about a four-inch pot full to 20 square feet. This should be turned and mixed before it is placed in the benches. Clean the benches out thoroughly and remove any rotten boards that will harbor sowbugs, for these little pests are very fond of white chrysanthemums and will eat off the petals of a half-blown flower and ruin it, and give the benches a good coating of whitewash. The benches should be at least six inches deep that they may hold five inches of soil after it has fully settled down. Where there are ample provisions for watering with liquid manure the benches may be filled with the compost and are ready for planting, but where these facilities are not, it is well to place an inch or inch and a half of half decayed manure on the bottom of the bench, filling up with the compost. The chrysanthemum is a great feeder and will need plenty of nourishment when the buds are forming and expanding.

If there is not stock enough of the later varieties the cuttings should be propagated at once; of the earlier varieties it would be better to buy the young stock than attempt to root it after June 1. The cuttings root easily at this time but will require plenty of water, the sand being kept well saturated and the bed sprinkled often. They will need to be shaded the first week after being placed in the propagating bench, and it is much better to have shades arranged so that there will be a small air space over the tops of the cuttings and not have papers laid on them, as is so often seen, for this is very apt to cause the cuttings to damp off. Allow no drafts to blow



across the bench or the cuttings will wilt, and even if they come up and root a recurrence of this for a few times will cause the young stock to harden up, and they will never make good plants.

Keep the stock free from aphids, the plants should be frequently fumigated or sprayed with an insecticide. If the black aphids once gets a good hold on a bench of chrysanthemums they are very difficult to dislodge, and will be troublesome all the year and may cause heavy fumigation after the blooms begin to open, which will have a deleterious effect on the color of the bloom, and after the bloom begins to open they are almost impossible to eradicate. It is necessary to keep these insects down in the early stages of growth.

The demand for sprays of chrysanthemum flowers has increased the last few years, both for pompons and singles, and every grower should have a few of these in his collection. They can be grown with six to ten sprays on a plant if planted in the benches, and will give a very fine assortment. To the grower having a retail trade the old white anemone, Garza, is particularly useful and these should also be grown to sprays and not disbudded as is often seen. While it makes a very good specimen bloom, yet it is not large, and it makes a very beautiful and graceful spray that is well adapted to all kinds of floral work.

Where there is a demand for the small pot plants they should now be in three or four-inch pots and have been pinched back so as to have at least three or four good branches. These can be planted out in the field or grown on in pots in the frames. They demand constant watching and kept well pinched back until the middle of July or first of August. If planted in the ground they should be potted in their blooming pots by September 1, for the buds begin to set by the middle of that month, and the roots should not be disturbed after this or the buds are very apt to blast.

#### New Turf Plough.

We have had submitted to our notice by Boulton & Paul, Lim., Norwich, a new machine for cutting turf that appears to be not less remarkable for its usefulness than for its novelty in construction. This turf plough is the outcome of much thought and practical experience, and is the invention of H. J. Muntz, of Hungerford. We are informed that with it an acre of turf can be easily cut in two hours; and it is a point of great practical importance that it will not only cut the turf at a uniform width, but slices it off in a manner that is practically impossible by hand. So accurate is the cutting that the thickness of the turf does not vary an eighth of an inch, which we need hardly say effects a material reduction in the labor of relaying. The plough is manufactured by Boulton & Paul, and will be found of much value on estates, in parks and to golf clubs and landscape gardeners. The illustration so admirably portrays the plough as to render detailed description unnecessary. It should, however, be mentioned that, as in the case of so many other inventions of merit, the mechanism has the advantage of simplicity. --Gardeners' Magazine.

## THE CARNATION.

### Carnations.

A paper read by C. H. Janzen, Berlin, Ont., at the thirteenth annual convention of the Canadian Horticultural Association, August 10-11.

At this season carnation growers are making preparations to house the field-grown plants. We will take it for granted that the new soil to fill the benches is already on the premises and in good condition ready to wheel in. After the old soil has been removed from the benches see that the houses have a thorough cleaning, especially under raised benches, if these are used, as rubbish will accumulate, despite all efforts to the contrary. Use the hose to wash out all loose soil from between the cracks of the wooden benches and the tiles where brick and tile benches are used. Give the wooden



New Turf Plough.

benches a good coat of hot whitewash on the sides and bottom, well rubbed in. On the brick and tile benches and also on the solid brick beds give the face brick a good coat of whitewash on the inner side and sprinkle a light coat of air-slacked lime over the bottom of the beds before refilling. Fill the benches level full and firm well along the edges. Before beginning to plant mark the beds both ways. For shading we use a light mud wash sprayed on the outside of the glass. This stays on long enough and is easily removed if necessary before a rain comes to wash it off.

#### LIFTING AND PLANTING.

When ready to lift the plants from the field choose a dull quiet day if at all possible as the plants suffer least then from exposure. Select only the best and most shapely plants for benching as a poor plant takes too long to round into shape for the winter season. In digging we use a four-tined fork and find this tool to be the best for that purpose, as the plants lift with a nice ball of soil attached if the ground is not too dry. Have plenty of flats handy to place the plants in as fast as dug and when a load of plants is ready send it along to the planters. Do not rub off too much of the soil that clings to the roots as a plant with all or nearly all of the soil removed takes a great deal longer to become established in its new

quarters than one with a nice ball of earth attached.

Do not plant too deeply and leave a small depression around each plant. Give each plant a good watering as soon as planted and keep plenty of moisture in the house by spraying until the plants have taken hold when the spraying can be reduced. After the plants have started to grow nicely the surface of the beds should be leveled down and all diseased and dry foliage removed. Keep up the stirring of the soil as often as needed as it kills the small weeds and helps to keep the soil sweet. Give all the ventilation possible day and night but avoid draughts and watch the watering of the soil. Rather have a good heavy watering when necessary than constant light spraying.

#### SUPPORTS.

Whatever style of support used get it in place as soon as the plants are well started as the new growth must be kept upright to produce straight stems later. From this on it is a matter of daily attention to watering, ventilating and the innumerable little details that make for success in carnation culture. When the nights become cool enough to require fire heat do not shut down the ventilators tight and try to make the heat in the house carry through until morning, but rather put on a line of pipe or two and leave a good generous crack of air on. We cannot get too much fresh air in a carnation house.

#### PROPAGATING.

About December 1 we take our first batch of cuttings. Give the propagating bench a good coat of hot whitewash and fill it level full of sharp tereed and pounded down before placing in the cuttings. In pulling the cuttings select only the strongest from flowering stems. When putting the cuttings in the sand do not put them down more than three-quarters of an inch, with rows about an inch and a half apart and the cuttings not too close in the rows. Water them in well and keep well shaded and sprayed for about two weeks after which time they will not require so much water. As soon as the cuttings are rooted we plant them out on benches the same as the parent stock but a great deal closer—about 4x4 inches. Shade them slightly if the weather is sunny, avoiding draughts and give them a good watering as soon as planted. The young stock once established should not have a high temperature but rather one several degrees lower than the flowering plants receive.

In topping the young stock we pull the tops out clean when the plants have grown enough to show the joints between the foliage. Go over the stock as often as necessary, at least once a week. Keep the young plants clean of weeds and the soil stirred occasionally. When the weather becomes settled in the spring and all danger of frost is over plant the young stock out into the field. This should be plowed and manured during the fall and again plowed early in the spring. When ready to plant out plow and harrow well as much ground as is required for one day's planting as this prevents the entire field from drying out before planting begins. There are different methods of planting in the field but the method which enables one



FIELD OF LILIUM HARRISH AT STEPHENS BROS., BERMUDA, APRIL, 1911.

to get the stock planted out in the least time is the one to use. After the stock is all planted keep the wheel hoe going to keep the weeds from getting ahead and also to supply moisture to the plants. In dry weather such as we have had this summer it is of decided advantage to the plants. When pinching back the plants in the field go over them quite often and pinch back the longest growths but not more clean sand which should be well watered one or two at a time. If the topping is carefully done the plants will not flower before warm weather comes in the spring.

#### INDOOR CULTURE.

Those who have not tried indoor cultivation of carnations should try a bench or two next spring and see the advantage of this method especially as regards Enchantress and its sports. Of course this method of cultivation entails a great deal more labor and close attention during the rush of spring and early summer work, but the results we think more than repay the extra labor. About May 1 we bench our earliest propagated stock taking only the best and strongest plants. These lift with a good ball of soil attached if the bench has been well soaked before digging. We do not use any shading on these, only what has been sprayed on the glass to hold the color of the bloom on the old plants. These plants are handled exactly like those lifted from the field and when they are well established we stir the soil on the beds at least once a week. This is absolutely necessary as otherwise a green scum would soon form from the constant spraying and watering that is required to keep down the temperature during June and July.

Before putting up the supports we rub in a good generous sprinkling of bone meal, as it is much easier applied at this time. Cultural methods from now on are the same as for the field grown stock. A careful record of the bloom cut from both field and indoor cultivation will show a decided gain for the indoor stock.

#### Bermuda and the Lilies.

Read by Arthur T. Boddington before the New York Florists' Club, May 8, 1911.

The Bermuda islands lie in the Atlantic ocean about eight hundred miles from New York, about in the same latitude as South Carolina. Bermuda has been described as Heaven, but it is necessary to go through Hades to get there. This is on account of the rather rough sea trip, especially in the winter time. The gulf stream which is about a hundred miles wide is crossed diagonally, and while the current runs only at the rate of about a mile an hour, if the wind is opposing the direction of the current this frequently kicks up a nasty sea. The steamships that run down there while they are good boats, and are operated under most careful management, are only about half the size of the average European steamer; consequently the motion is felt severely by passengers with delicate stomachs. However, the trip is not always rough, frequently it is very smooth and pleasant especially in the month of May which is one of the most interesting months in the year from the point of view of the florist. No florist could select a better place for a short vacation. The steamship fares are reasonable.

We left New York on April 5, arriving there on Friday morning, April

7. The lilies were just coming into bloom hardly any being expanded but the buds were white. The growers have been very busy in the onion and potato business this year and they were a little behind with the dis-budding of the lilies. A great deal of care is necessary to produce good bulbs. No weeds can be allowed to grow up more than an inch or two high. If the weeds are allowed to get large, when they are pulled out they disturb the surface roots of the lily, which will always result in serious injury and failure when the bulb is grown next year. It is a practice among the Bermuda growers to disbud the lilies just as the buds are whitening. This is done that the plants may be strengthened and that all the nutriment may go to form as large a bulb as possible. Fortunately for me the weather which had been rather cool became suddenly warm and by Sunday, April 9 (Palm Sunday), the fields were a sight to behold. On the next Monday the photographs which I have here tonight were taken. These were some of the best fields at Columbia Farm, Longbird, Smith's Island and at Westmeath. The lilies shown in these photographs were growing strongly and for the most part showed perfect health. When examining them closely however, there seemed to be about 10 per cent of stunted and deformed plants, all of which are being dug out by the more careful growers. Upon my pointing these plants out to R. H. James he told me they were not removed before, for the reason that in digging out these rogues an equal number of good plants would be destroyed and that the plants that were



deformed and stunted were really not diseased plants but bulbs which had been injured in digging the previous year or in the process of planting. Mr. James informed me that they handled lily bulbs as if they were eggs and that rough handling in digging, or by the seedsmen, or by the florists when the bulbs are being potted is one of the most frequent causes of the stunted and deformed plants. To convince me that his theory was correct, Mr. James had a number of these deformed plants dug up in my presence. He demonstrated to me that the bulbs showing these deformities were smaller than when they were planted and that they could never even by accident get packed in the cases as salable bulbs for the reason that they would not be big enough to grade as even 5-7 inch bulbs. The bulbs of these deformed plants or as our friend, Louis Schmutz calls them "Kyoudles" were all afflicted with a partial rotting of the root base. Mr. James who has had thirty years' experience in growing bulbs in Bermuda, tells me that to drop a bulb out of the hand onto even the soft ground will frequently produce an injury sufficient to cause this disease of the root base. There apparently seems to be nothing contagious in this disease. The other disease that seems to be afflicting the lilies in Bermuda is what is known as Ward's disease. The symptoms of this disease are as follows. The plant starts to grow healthily until it gets up a few inches high when it develops yellowish brown streaks and spots in the foliage and finally peters out to nothing or produces a deformed flower. This disease has been almost eradicated, though here and there a plant was to be seen afflicted with it. About the only remedy for this disease is to dig up the bulb and see that it is destroyed, though spraying with arsenate of lead and fungicides is a preventive measure. The percentage of this Ward's disease however was very small. Liliun Jamesii were looking very fine at Mr. James' Long Bird Farm. This lily is almost disease proof. It has extra fine foliage, and flowers under Bermuda conditions one week to ten days later than Liliun Harrisii. The bloom is slightly shorter and not so large as Liliun Harrisii but it is a robust type and well worth growing. Furthermore, this lot had been thoroughly rogued and were true to name.

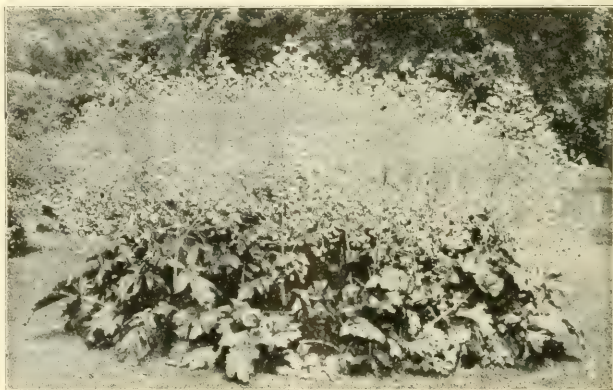
A point in favor of the Bermuda lilies as grown at Smith's Island, Longbird and at Westmeath, is the fact that these growers have eliminated all hybrid types. I do not think that in the pure Harrisii grown on these establishments there could be seen more than one hybrid in a hundred bulbs. These hybrids were plain to be seen by the fact that they were only beginning to turn down their buds whereas the true Harrisii were in full bloom. The method of roguing is as follows. The men go through the fields with paint brushes and daub the foliage of all plants that are to be discarded such as hybrids, Ward's disease plants and "Kyoudles." It cannot be done in April as it would cause too much injury to the good stock. Liliun Harrisii is particularly sensitive to any disturbance of its surface roots.

I have been doing my very best to urge the Bermuda growers to still further improve their stock and to endeavor to get Liliun Harrisii back to where it was twenty-five years ago. This is being done by careful and painstaking methods. There is no doubt in my mind that the progressive florist of the United States would gladly pay 50 per cent more for Liliun Harrisii bulbs than the present price if the stock could be improved still further. The great trouble has been that plants afflicted with Ward's disease will produce just as handsome and fine looking bulbs as the healthy plants do. Further, a crop of lily bulbs may be well grown and be absolutely ruined by rough handling in digging, in packing, or in the hands of the bulb dealer, or even in the hands of the florists.

I think that the Bermuda methods of selling lily bulbs have been entirely wrong or perhaps I should say the methods of the American bulb dealer in buying them. Under conditions as they have been, the man that grew good lily bulbs in Bermuda and looked after them carefully got no more for his product than the grower that was careless. I often think that the selling of lily bulbs should be a good deal like the cigar business. It is pretty hard to tell what a cigar is until you smoke it and for that reason the cigar manufacturer sells his goods under a brand. He takes every care that no cigars go into a box bearing his brand unless he can be proud of them and they will uphold the reputation of the brand he spent his money to establish.

many small patches which were looking badly, but on the whole both Liliun Harrisii and Liliun Jamesii are showing much improvement in spite of a rather cold, dry and unfavorable growing season. I think that any florist that buys Bermuda bulbs from dealers that are earnestly trying to encourage the Bermudians by paying him liberally for well grown stock will get his money's worth this season. Due to the painstaking care of such men as R. H. James of St. George's, W. H. Conyers of Hamilton, the vigor of Liliun Harrisii is coming back. It only remains for the bulb dealers to give these gentlemen proper support.

As regards the shipping of lily flowers, this pernicious practice was going on to a limited extent and was being carried on mainly by people who do not grow bulbs. Quite a floral business is being done in Hamilton now in sweet peas, iris flowers, roses, etc., and last but not least, cut lilies. The large hotels were entirely filled up most of the winter with American visitors and we cannot blame the Bermuda florist for taking advantage of the situation, so long as he does not cut flowers from bulbs which he afterwards intends to ship up to his American brother florist to grow. To me, Liliun Harrisii is the grandest and noblest of the Easter lilies. Furthermore, a well grown plant of 5-7 inch Liliun Harrisii will produce about as many flowers as a 7-9 inch Japanese Giganteum and for this reason I contend that Liliun Harrisii are not any more expensive. I hope within the next few years to see Liliun



CRABWE ORIENTALIS.

From the Gardeners' Magazine, April 1, 1911.—See Page 940.

This same condition should apply to lily bulbs and the man that grows the extra fine article should be suitably recompensed for the trouble and care he has gone to. There are some stocks of lily bulbs on the Island of Bermuda which are very cheap at the price they are sold for and there are other stocks which are dear at any price, but the bulbs when they come to New York next July and August will all look about the same. I have spoken only of the good fields which I saw. I saw

Harrisii come back and take its rightful place among the commercial lilies grown by the florists of the United States. This, however, can only be accomplished by the greatest care on the part of the Bermuda growers, and by the establishing of brands, so that when a florist in the United States buys a case of bulbs of a brand with a high reputation, he can depend on getting nine hundred good plants out of a thousand bulbs with proper care and attention on his part.



A HOUSE OF FINE CYPRIPEDIUMS.

## ORCHID NOTES.

### A House of Cypripediums.

The illustration herewith shows what a fine display can be made in a house where there are a large number of flowering cypripediums. The effect would have been better if a few ferns had been associated with the cypripediums, but they had not been arranged with a view to general effect, but as a means of comparing the different species and hybrids therein contained.

### The Cattleya Fly.

#### ATTACKING FLOWER SHEATHS.

Growers of cattleyas will do well to notice particularly the warning given in the AMERICAN FLORIST, September 17, page 380, against the pernicious cattleya fly. The advice tendered then is perfectly sound and our reason for calling attention to it again is not to advise anything further as a cure, but to warn growers to look, not only at the young growths, but also at the forming sheaths and flowers. Quite recently we have had much the worst attack of fly to deal with we have ever experienced. Not only were the young shoots badly affected, but the flower sheaths on *C. labiata* had been visited by the female fly in the earlier stages and were abnormally swollen inside.

The owner of these plants had been congratulated upon the very fine flower sheaths and it was by no means a

pleasant duty to point out to him that the seemingly fine flower buds were, in reality, the work of this dreaded pest. On cutting open one of the sheaths the swelling was found on the apex of the bulb and in this were seven or eight fully developed flies almost ready to escape into the house and continue their depredations. Not only one, but many were found similarly affected, so the danger is a very real one where the adult fly, which is about the size of the ordinary house fly, is allowed to remain in the houses. In this case they were so numerous that they could be killed on the glass with the hands, a pretty bad state of affairs, but one that is liable to occur anywhere if the oft-repeated advice as to fumigating and removing affected growths is disregarded. H. R. R.

### New Vandas Caerulea.

Two new varieties of *Vanda caerulea* were shown before the Royal Horticultural Society this season. The one shown by Sander & Son, November 22, and awarded a first-class certificate, presented a striking difference from the forms of this species hitherto exhibited according to the Gardeners' Chronicle. Instead of the flowers being tinged with blue, the tips and margins of the petals are tinged with magenta pink, while the lip is of a deep shade of magenta.

The other, *Vanda caerulea* Bluebeard, exhibited by Lieut.-Col. Sir G. Holford (H. Alexander, grower), Westonbirt,

Gloucester, December 6, and given an award of merit, is a beautiful large flowered variety, states the Gardeners' Magazine. The flowers are shapely as well as large and the color is a clear rich blue with some paler markings between the veins while the lip is intense violet blue.

### Cattleya Buds Rotting.

ED. AMERICAN FLORIST:

The plants of *Cattleya labiata* make fine strong sheaths, but after the buds push up an inch or more, they stand still and rot. The sheaths, of which I send sample, remain in an apparently healthy condition. Can you advise me as to the cause of the trouble? G. B.

A very severe check of some kind has been given the plants of *Cattleya labiata* at the critical stage of bud formation. Without knowing anything of the conditions under which the plants have been grown, it is impossible to say what caused the check. Over-watering in a cold, over-moist atmosphere, with lack of sufficient sunlight, is very apt to cause "spot" in cattleyas and the sheath enclosed shows this spot in a very malignant form. The general health of the plants being impaired, they give way in the most sensitive parts, this being, in "G. B.'s" case, the forming buds. Judging again by the appearance of the sheath, which is all we have to go upon, we should say that the roots are in very bad condition, probably through over-watering, and are not, in conse-



quence, properly sustaining the plants. There is no specific cure for such conditions as these. The plants have to be properly treated and gradually brought back to a healthy state, when all such trouble will cease. "G. B." should pay proper attention to the atmospheric conditions of the house in which the plants are growing, and, if they are in bad order at the root, report them at once, allowing abundant drainage, removing all sour or decayed peat and moss and using only the best peat very firmly placed. Plants after this disturbance require a little nursing or convalescent treatment—a closer atmosphere with slightly more heat and shade and less root moisture than healthy plants require until they are again re-established and growing freely. H. R. R.

### Moss for Orchids.

ED. AMERICAN FLORIST:

I enclose you a sample of moss in which I have potted orchids, using charcoal with it. It has turned mouldy all the way through. Will you inform me whether it will have any bad effect upon the plant? B. B.

The sample sent by B. B. is not moss but the roots of some fern, probably an osmunda, with some particles of half-decayed leaves of trees, and judging by the sample sent, the original mass has been pulled to pieces before using. Fern root should not be pulled apart to this extent, but chopped in pieces of suitable size to fit the situation, for we can't put it together again as well or as firm as before, and this is partly the reason for the growth of fungus mentioned, and the fact that the root fibre is dead.

It is best to obtain newly-gathered material in chunks and cut it up as needed for use; if, however, it has to be bought, use in small pieces and press as firmly as possible. A well-potted cattleya in a reasonable-sized pot can be lifted up by the bulbs. Firm potting precludes the possibility of too much water being held in suspension by the material, this being the cause of more than half the ills the plants are heir to under cultivation in greenhouses.

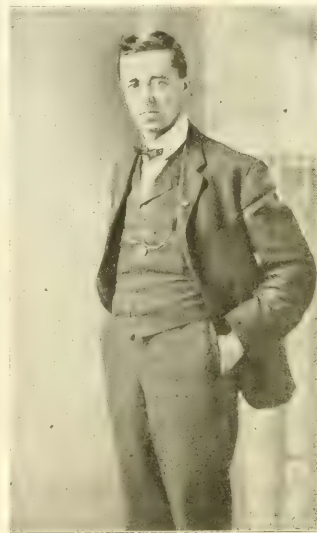
There should be no fungus growth ever, except on the surface of the material; this is inevitable, does no harm and is easily washed off the first time water is applied. Newly-potted plants need little moisture, especially at this time of year; a spraying over the surface of the material when dry is all that is necessary until root action has commenced. E. O. ORPET.

### Crambe Orientalis.

SEE ILLUSTRATION, PAGE 938.

The genus to which the much-appreciated sea-kale belongs includes several species that are sufficiently attractive to justify their being utilized for beautifying the flower garden and pleasure grounds, and prominent among them is the one herewith illustrated. It has large, deeply lacinated leaves, and elegant, much-branched flower stems, which rise to a height of six or seven feet and bear myriads of fine white flowers. The effect it is capable of producing when grown under conditions favorable to the full development of leafage and flowers is so well shown in the accompanying illustration that there is

no occasion to refer otherwise than briefly to its usefulness for enhancing the attractions of the pleasure grounds, and especially those parts that are maintained in a semi-wild state. The Eastern kale is highly effective when arranged in a bold group, as at Kew, but in private gardens, where it is desirable that the whole of the beds should be more or less attractive throughout the summer months, the preferable course is to arrange it in groups of moderate size in mixed borders, and thus avoid any appreciable gaps after the plants



The Late Lacy Young

have yielded their flora tribute. As in the case of the sea-kale, this stately species should have a liberally enriched and deeply stirred soil, and plants that have occupied their positions for some time should annually have a rich top-dressing in the course of the winter or early in the spring. *C. cordifolia* is also highly ornamental, and well deserving of cultivation; *C. orientalis*, Jacq. is now referred to as *C. pinnatifida*, and, as in the case of the last-named, is well worth growing where space is available for hardy herbaceous plants of robust habit. When occupying beds, *C. orientalis* may have daffodils and gladioli associated with them for prolonging the attractions of the beds.—The Gardeners' Magazine.

### Little-Known Annuals Worth Growing.

With an ever-increasing demand for flowers of bright colors and long stems, so that they may be cut and used for indoor decoration, there is a danger that some of the more unpretentious-looking hardy and half-hardy annuals suitable for growing in our gardens during the summer may be entirely overlooked. It is true that many of the lesser-known annuals can never, on their merits alone, demand the same amount of space in our gardens that is devoted to their more de-

served popular brethren; but at the same time we ought not to go to the other extreme and allow them to drop out of cultivation altogether. Many of them possess a quiet, old-world charm that appeals strongly to those with artistic tastes, states a correspondent in *The Garden*, and it is proposed to draw attention to some at least of those annuals which are seldom met with outside seed trial-grounds or cottage gardens.

It is strange indeed that certain flowers, although possessing equal, if not superior, qualities to those so largely in vogue, never seem to become popular with the general public. As an example of this we need only mention the charming little Swan River daisy (*Brachycome iberidifolia*), an annual that will thrive without much attention if given a sunny position and well-drained soil that is not too clayey. Its dainty little blue or white cineraria-like flowers, supported on slender green stems, are beautiful in the extreme, yet for some reason or other it has never become popular. *Leptosphon hybridus* is a dwarf annual that reminds one when in flower of the charming little creeping sandwort (*Arenaria balearica*), except that its dainty star-like flowers, poised gracefully on slender stems, embrace a wide range of rich colors. As an edging in a sunny position this annual is beautiful in the extreme, yet it is seldom seen in private gardens. Seeds ought to be sown where the plants are to flower.

In *Schizopetalon Walkeri* we get an annual of unique aspect, caused primarily by its feathery-like petals arranged in the form of a cross. It appears to appreciate rather light soil, and although not particularly showy, emits a delightful fragrance when moistened with the evening dew. This reminds us of the insignificant-looking night-scented stock, which, though grown more widely perhaps than most of the other kinds mentioned, is not grown half enough. It is true that during the daytime its foot-high stems present a rather gaunt appearance; but if it can be given a station in an inconspicuous spot near to the dwelling house, its fragrance in the evening, when its pale lilac petals unfold, will more than repay us for giving it room.

Those who are interested in the curious aspect of plant-life might well endeavor to grow *Martynia* fragrans. It is true that this little-known annual is not one of the easiest to grow, and demands to be raised in pots in the greenhouse and planted out in rather sandy soil with a sunny position in June; but when the plants do get established and the purplish flowers are followed by the large, hooked fruits, admirably adapted for distribution by animals, the owner will be compensated for any trouble that this plant may have given. An annual with gorgeous-colored flowers that also demands sandy soil and a hot situation is the fleshy-leaved *Portulaca grandiflora*. Unlike the *martynia*, however, the seeds may be sown outdoors where the plants are to flower, providing the sowing is postponed until the first week in May; if sown earlier and bad weather supervenes, the seedlings will often die off wholesale.

In *Phacelia campanularia* we have a dwarf annual with deep blue, bell-shaped flowers. It needs an open posi-

tion by do well. If at all enroached upon by other stronger-growing plants, it becomes weak and presents a most dejected appearance; but if sown thinly and the seedlings are early thinned so that each one has room to develop its natural character, there are few annuals that can claim to possess greater charm. There are many other annuals that are mostly neglected, but which might well find a place in those gardens where little-known or out-of-garden plants are appreciated, such, for instance, as *Cacalia coccinea*, *Calandrinia grandiflora*, *Erysimum perovskianum*, *Eutoca viscidula*, *Gilia dichotoma*, *Layia elegans* and *Leptosyne Stillmanii*; but lack of space forbids detailed mention of these. The subject of these lesser-known annuals is, however, one that ought not to be lost sight of at this season, when seeds are being ordered for subsequent sowing. If room can be found for only a few of those mentioned above, they will give additional interest to the garden during the summer and autumn months.

#### Old Italian Gardens.

The old gardens of Italy were the subject of a highly interesting lecture given by Joseph Cheal the other evening before the members of the Brighton Horticultural Society. In the course of his lecture Mr. Cheal stated that the love of gardening in Italy may be traced to an early period in the history of the country, and it may be assumed the Roman generals brought home glowing accounts of the gardens they had seen in eastern countries. It was probable that these accounts stimulated the imagination of Lucullus and induced him to make the fine garden at Naples described by Pompey, and thus become the pioneer of the grand style of gardening that became so popular at a later date. Emperor Hadrian also did much to stimulate a taste for the higher branches of architecture and horticulture, but during the comparatively long period over which the decline of the Roman Empire extended there was a material decrease in the taste for the stately style of gardening. Towards the end of the fourteenth century there was a considerable revival in the taste for gardening, and, during the Renaissance, dignitaries of the church and wealthy senators and merchants appear to have vied with each other in the building of houses and the construction of gardens. Certainly the arts of the architect, the sculptor, and the landscape gardener were employed in the creation of the magnificent gardens of the period. The style that found favor was more or less formal, and the gardens were embellished with terraces and parterres, fountains, and cascades, temples and cascades, and avenues and pergolas in great variety. The climate favored the development of a wealth of trees, shrubs, and flowering plants, and these in their luxuriant growth afforded a succession of delightful pictures, and filled the air with grateful perfumes. The shady walks, avenues, and grottoes provided cool retreats during the heat of spring and summer, and the rippling of the cascades, the splashing of the fountains, and the song of birds greatly enhanced the charms of these gardens. Many of the more noteworthy gardens were described and the lecture was throughout illustrated with excellent

slides. Need it be said that the audience greatly appreciated the intellectual feast provided them, or that Mr. Cheal was heartily thanked for his lecture?—*The Gardeners' Magazine*.

#### Young Spring with Watering Can.

Young Spring, reminded of forgotten duties, took up the watering can with serious intent Saturday, kept steadfastly to her task Sunday, and went to bed with dripping elbows, tired but content. Only a spring rain can smile as did that of Sunday—a buxom lass, Young Spring, with her wet skirts girdled up, splashing about with bare feet, smiling as she filled her water bucket, laughing as she doused it down on the dripping face of all outdoors.

A lot of lazy elemental forces sat around and clapped their hands loudly from time to time in admiration of the perfection of her work and she scolded



The Late Fred R. Mathison.

the folk foolish enough to get in the way of the drenchings intended for her grass, which needed them, and stood on tiptoe to get them. On each blade sat a water sprite with a brush and palette and sang as he painted with green.

The hired man carried the sprinkling can yesterday and he plainly was surly, but the watering done Sunday was by Young Spring herself.—*Chicago Tribune*.

#### Yonkers Horticultural Society.

A well attended meeting of the society was held in Wiggen's Hall, Yonkers, N. Y., May 19. Business relating to the spring show was discussed, and it was decided to hold the exhibition in Hollywood Inn, Wednesday, June 14. A good schedule has been drawn up, and the members of neighboring societies are cordially invited to compete. Darwin tulips were finely shown by S. Untermyer, of Greystone, H. Turner, superintendent, and were awarded a certificate of merit, the judges adding that they had never before seen so fine an exhibit of that section of the tulip family. Members are looking forward to a good time at the clam bake to be held at Rye very soon.

H. M. B.

## OBITUARY.

#### Fred R. Mathison.

Fred R. Mathison, one of the best known growers in the vicinity of Boston, died at his home in Waltham after a long suffering illness of kidney trouble May 21, aged 70 years 7 mos.

Mr. Mathison was one of the older growers of Boston, coming to the city some 13 years ago from England. He first attracted attention as a grower when he took charge of the establishment of C. J. Power of South Framingham. He then entered in partnership with the late William Edgar and John G. Forbes, purchasing a greenhouse plant in Dorchester. This firm lasted but a short time, Messrs. Mathison and Edgar withdrawing, and he then built a fine range of greenhouses at Clematis Brook, Waltham, Mass. The roses grown in these houses became renowned, being of extra fine grade, the equal of any brought to the city. This establishment he conducted until 1897 when he leased it to two of his employees and retired from active business, until two or three years ago, when he again took charge conducting the greenhouses. Clear-headed, observant and industrious he acquired a competency and won the respect of his associates by generous and companionable traits. He was a prominent member of that fraternity of Boston gardeners known as the "Old Guard," most of whom have passed away. In his life in his home he won the confidence of his neighbors and fellow citizens, serving as alderman in his city. He was always ready to assist the work of horticulture, being an active member of the trade organizations and societies. He was state vice-president of the S. A. F. in 1900 and served on the board of directors of that society in 1902, 1903 and 1904, and took a great interest in the early work of the Boston Gardeners' and Florists' Club. He was twice married, his first wife died March 8, 1905, a few years after they had celebrated the silver anniversary of their wedding. The second wife survives him.

The funeral was held at his late residence, Beaver street, Waltham, Tuesday, May 23. The interment being at Mount Peake cemetery.

#### Lacy Young.

Lacy Young, connected with J. B. Deamud under the firm name of the Deamud & Young Fern Co., died at his home in Thompsonville, Mich., May 16, after an illness of several months, aged 39 years.

For the last 10 years he had been connected with the firm, packing and shipping ferns in Thompsonville and other Michigan points, until the illness, which at times was fraught with great suffering, caused him to relinquish labors. He was one of the best known and popular young men of the section, of a quiet and friendly nature and ever ready with a helping hand for every worthy project.

The funeral services were held at his home May 16, and the interment at Fremont, Mich., May 17, which were attended by his fellow members of the I. O. O. F. and Maccabees.

LYNN, MASS.—A very peculiar suit has been brought against W. B. Newhall, a florist at 52 Atlantic avenue, by one F. M. Rodgers, claiming \$200 for services rendered in saving the lives of the defendant and his friends, who were upon an unmanageable power boat in a heavy storm.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911  
Subscription, United States and Mexico, \$1.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

THIS ISSUE 56 PAGES WITH COVER

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THE art souvenir of the Park Floral Co., descriptive mainly of this firm's new home at 1643 Broadway, Denver, Colo., is indeed a thing of beauty in the form of an illustrated booklet in color and monochrome.

## Personal.

Prof. Frank A. Waugh, of Amherst, Mass., visited Chicago May 18, enroute to Winnipeg, Man., where he is interested in the new landscape work on the grounds of the agricultural college.

Harry A. Barnard, who is well known in the American trade as the representative of Stuart, Low & Co., Bush Hill Park, Enfield, Eng., celebrated his jubilee with that firm last month. "Half centuries seem slow to those who have not tried them; but for all of us, the shuttle flies more and more swiftly, as the years are woven into the cloth of human destiny."

## Society of American Florists.

### COMMITTEE ON SCHOOL GARDENS.

The school garden committee has issued the following letter: Are you doing any school gardening? This subject is one to interest every boy and girl; the value in a home garden from an economical standpoint is such that thrift, where now goes waste, would add here a little and there a little to home comforts and income, in this great country of ours, that would aggregate millions of dollars, gathered from waste spots and odd corners, beside bringing health and strength to growing children. The suggestion of this work and its inception in school districts throughout our country, and our country goes where the flag goes, would help thrift and comfort to many a rising family. Kindly advise us what your school district is doing.

BENJAMIN HAMMOND, Chairman.

## Horticultural School for Women.

For the increasing number of women who wish to be able to combine their occupation with their home life, for those who are looking for newer, wider fields of remunerative activity, and for those who desire to live in the country and have an occupation, but do not want to invest capital nor enter an industry without special knowledge and training, the Pennsylvania School of Horticulture for Women has been established that they may be instructed in the fundamental principles of horticulture. Schools for gardening have been established in England and continental European countries and have a recognized position in the educational world. Many women are now turning their attention to horticulture and gardening and this school offers practical training in these branches.

The school is located upon a farm of 71 acres at Ambler, Montgomery Co., Pa., about 18 miles from Philadelphia, the property having a high location and the land is all under cultivation, there being apple and pear orchards, nut trees, seven acres of asparagus, two acres of strawberries in bearing condition. The courses cover two years and include beside the growing and marketing of vegetables, flowers and fruit, bee-keeping, poultry-raising and methods of business, scientific work in botany, chemistry, geology and entomology as far as they are directly applicable to gardening, thus offering theoretical instruction combined with much practical work in garden and orchard.

## Yearbook of Agriculture.

We are in receipt of the yearbook of the United States Department of Agriculture for 1910 which, in addition to the customary reports of bureau chiefs, contains many interesting papers by experts, of which the following are likely to interest some of our readers: "Nitrogen-Gathering Plants," by Karl F. Kellerman; "Progress in Saving Forest Waste," by William L. Hall; "Bituminous Dust Preventives and Road Binders," by Prevost Hubbard; "Increased Yields of Corn From Hybrid Seed," by G. N. Collins; "The Utilization of Crop Plants in Paper Making," by Charles J. Brand; "Co-operation in the Handling and Marketing of Fruit," by G. Harold Powell; "Promising New Fruits," by William A. Taylor; "The Precooling of Fruit," by A. V. Stubenrauch and S. J. Dennis; "Camphor Cultivation in the United States," by S. C. Hood and R. H. True.

## American Peony Society.

The annual meeting and exhibition of the American Peony Society will be held at Horticultural Hall, Philadelphia, Pa., June 14-15, in conjunction with the exhibit of the Pennsylvania Horticultural Society. Following is the schedule of premiums:

### COMMERCIAL CLASSES.

Class 1. Largest and best collection of named varieties, one flower of each, two prizes, \$25, \$15. Offered by American Peony Society.

Class 2. Best fifty blooms, one variety, named, white, two prizes, \$10, \$5. Offered by B. H. Farr, Reading, Pa.

Class 3. Best fifty blooms, one variety, named, dark pink or rose, two prizes, \$10, \$5. Offered by Andorra Nurseries, Chestnut Hill, Pa.

Class 4. Best fifty blooms, one variety, named, flesh or salmon-pink, two prizes, \$10, \$5. Offered by Cottage Gardens Co., Queens, N. Y.

Class 5. Best fifty blooms, one variety, named, crimson, two prizes, \$10, \$5. Offered by Thos. Meehan & Sons, Germantown, Pa.

### AMATEUR CLASSES

Open to amateurs and private gardeners only.

Class 6. Largest and best collection of not less than twenty-five varieties, named, one of each variety, two prizes, \$15, \$10. Offered by T. A. Havemeyer.

Class 7. Best collection of not less than twelve varieties, named, one of each variety, open only to exhibitors not residing within 100 miles of Philadelphia, two prizes, \$10, \$5. Offered by Henry A. Dreer, Inc., Philadelphia.

Class 8. Best collection of white varieties, named, one bloom each, two prizes, \$6, \$4. Offered by W. Atlee Burpee Co., Philadelphia.

Class 9. Best collection of dark pink or rose varieties, named, one bloom of each, two prizes, \$6, \$4. Offered by Robt. Scott & Sons, Sharon Hill, Pa.

Class 10. Best collection of salmon and flesh-pink varieties, named, one bloom of each, two prizes, \$6, \$4. Offered by Thos. Meehan & Sons, Germantown, Pa.

Class 11. Best collection tricolor varieties, named, one bloom each, two prizes, \$6, \$4. Offered by Peter Henderson Co., New York.

Class 12. Best collection crimson varieties, named, one bloom each, two prizes, \$6, \$4. Offered by Geo. H. Peterson, Fairlawn, N. J.

Class 13. Best six blooms of any one variety, named, two prizes, \$6, \$4. Offered by W. W. Kline, Reading, Pa.

### OPEN CLASSES

Class 14. Best six blooms of Duchesse de Nemours, \$250. Offered by F. H. Wild Floral Co., Sarcoise, Mo.

Class 15. Best vase of twenty-five pink blooms of one variety, \$5.00. Offered by Henry F. Michell Co., Philadelphia.

Class 16. Best twelve pink varieties, six blooms each, \$10.00. Offered by S. G. Harris, Tarrytown, N. Y.

Class 17. Best collection of Japanese varieties, one bloom each, \$5.00. Offered by Henry F. Michell Co., Philadelphia.

Class 18. Best new American seedling peony, not in commerce previous to 1908, name of originator to be given, \$10.00. Offered by Andorra Nurseries, Chestnut Hill, Pa.

NEW CASTLE, IND.—P. J. Lynch, head of the Heller Bros. Co., has recently purchased nine acres of land on which will be erected two greenhouses 35x500 feet. In addition to the greenhouses, buildings for business purposes and dwellings for the employees will be erected.

## Meetings Next Week.

Albany, N. Y., June 1, 8 p. m.—Albany Florists' Club, 71-73 State street.  
 Chicago, June 1, 8 p. m.—Chicago Florists' Club, in connection with the Milwaukee Florists' Club, Milwaukee, Wis.  
 Lake Forest, Ill., May 31, 8 p. m.—Horticultural Society of Lake Forest, Council Chamber, City Hall.  
 Lake Geneva, Wis., June 3, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.  
 Lenox, Mass., June 3.—Lenox Horticultural Society.  
 Milwaukee, Wis., June 1, 8 p. m.—Milwaukee Florists' Club and Chicago Florists' Club.  
 Pasadena, Calif., June 2, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 San Francisco, Calif., June 3.—Pacific Coast Horticultural Society.  
 Utica, N. Y., June 1, 8 p. m.—Utica Florists' Club, Genesee hall, Onondia square.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As working foreman, by a first class grower of cut flowers and potted plants, single, German, strictly sober, can handle help, etc. Key 453, care American Florist.

**Situation Wanted**—Young lady wishes to secure a situation as cashier or saleslady in a florist store in Chicago. For further particulars address Key 448, care American Florist.

**Situation Wanted**—Neat appearing young lady wishes to secure a situation as saleslady in a Chicago flower store. Experienced. State wages when writing. Key 449, care American Florist.

**Help Wanted**—Two good growers wanted at once. Germans preferred. FISHER, BROS., 614 Dempster St., Evanston, Ill.

**Help Wanted**—Position open for a good truck gardener; \$15.00 per week; German preferred. Address Box 182, Waterloo, Iowa.

**Help Wanted**—Good grower of pot plants at once; state wages wanted. Address N. K. WELTER, 708 Wesley Ave., Evanston, Ill.

**Help Wanted**—Young men, experienced at growing vegetables, and small fruit; private place; state wages. Address P. G. PEARSON, R. K. No. 1, Moline, Ill.

**Help Wanted**—Five live salesmen acquainted with the Florist, Nursery and Seed trade. Must have first class references. Apply by letter only, stating qualifications in first communication. Address Key 451, care American Florist.

**Help Wanted**—Young or middle aged man who is a practical florist and gardener with \$500 or more to take stock in and manage new plant to be built in the best location in the west; do not write unless you mean business and can furnish unquestionable reference; must be honest, sober, capable and industrious. Address Key 452, care American Florist.

**For Sale**—3 greenhouses and 8 room residence; a bargain. DEAL'S GREENHOUSES, OWOSSO, MICH.

**For Sale**—A good paying greenhouse in leading southern city; large stock. For particulars address Key 457, care American Florist.

**For Sale**—New double strength glass, high quality: 50 boxes 16x18 D. S. B. at \$1.95 per box; 60 boxes 16x24 D. S. B. at \$2.10 per box. J. V. DAVIS, Dayton, Iowa.

**For Sale**—6 greenhouses, 10,500 sq. ft. glass; steam heat, county seat of 6000; no competition; fine location; good cause for selling; 10 room residence; write me if you want a location cheap. Terms to suit. W. BRISCOE, Tipton, Ind.

**For Sale**—4,000 feet of glass; hot water heat; city water; with or without dwelling; fine location in northern Illinois; city of 50,000; value increasing rapidly; a bargain. Address Key 441, care American Florist.

**For Sale**—Sunny-side Greenhouses for sale; on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. JNO. S. SCHLEIDER, OWOSSO, MICH.

**For Sale**—Greenhouse of 3000 sq. ft. of glass, need enlarging in N. E. Nebraska; good cut flower and design trade, over 200 miles west and north, no competition. R. K. center; cause advancing age. Address Key 446, care American Florist.

**For Sale Cheap**—Failing health; 9 1/2 acres with 2 greenhouses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One block to suburban car line; to center of city one mile; 20,000 population. N. NEV, Second Avenue, Appleton, Wis.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale**—Two greenhouses well stocked with Boston ferns and pot plants, one 20x12 1/2 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 16x20 feet in connection; good location for retail trade; for further particulars call on or write AUG. KOEHL, 4228 N. 4th Ave., Chicago, Ill.

**Wanted**—Experienced all round gardener for private work. Flowers, vegetables, greenhouse work. Single man. Apply, giving references. Key 450, care American Florist.

**Wanted**—A first class rose grower to take charge of a place of 35,000 feet of glass, where miscellaneous stock is grown; married man preferred; send references and wages expected. Address Key 442, care American Florist.

**Store to Rent**—Steam heat, elegant location for a florist. 1340 South Kedzie Ave., corner Douglas Boulevard; reasonable rent; apply to MORRIS, Telephone Harrison 1513, 1103 S. Canal St.

## WANTED

Experienced rose grower to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX &amp; SONS, Council Bluffs, Iowa.

## GARDENER

Man of considerable experience in all lines of garden work, fruits, flowers, vegetables, pleasure grounds and greenhouses, desires position with a lady or gentleman needing the services of such a gardener. Address

Key 447, care American Florist.

## FIRST CLASS STOREMAN.

Capable of taking charge wishes to secure a situation in some up-to-date florist store; can furnish the best of references. Do not answer unless you want an A1 man and willing to pay the right wages. For further particulars address Key 443, care American Florist.

## Wanted---Seedsman

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

## FOR SALE CHEAP.

If taken at once. On account of ill health, I will sell my greenhouse plant, consisting of 50,000 sq. ft. of glass, 15 acres of land, barn, living rooms, horses, wagons, etc., with railroad switch on premises; this range is located within 30 miles of Chicago on the three railroads, C. & M. St. P., Belt Line and C. M. Electric road. Will sell for one third of its cost, with \$6 00 cash and the balance on easy payments; for further particulars call or write JOSEPH ZISKA, 151 N. Wabash Ave., Chicago, Ill.

## For Sale

Only retail flower store in booming city of 20,000. Double track car service to Detroit, twenty-five miles. Will sell stock, fixtures and goodwill, with or without greenhouse property.

A. B. LEWIS, Pontiac, Mich.

## Grower's Establishment.

18,000 sq. ft. of glass, dwelling with all improvements; stable, city water and gas; over 18 city lots. Well situated at Maspeth, L. I. Excellent condition. Sell cheap on account of owner's illness. Inquire

WM. H. SIEBRECHT, Jr., 277 Broadway, NEW YORK CITY

## Trade Directory For Names

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1910, fully revised to date, with thousands of new names and changes of address now ready for distribution. It contains 570 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information.

—PUBLISHED BY THE—

## American Florist Company

440 S. Dearborn St., CHICAGO, ILL., U. S. A.

Contains 570 Pages

Price: \$3.00 postpaid



# Decoration Day Price List

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz. |
|------------------|----------|
| Extra long.....  | \$3 00   |
| 21-36-in.....    | 2 00     |
| 18 to 24-in..... | 1 50     |
| 12-in.....       | 1 00     |
| 8-in.....        | 75       |
| Short stems..... | 4 00     |

### Rhea Reid

|                        | Per 100         |
|------------------------|-----------------|
| Extra long select..... | \$8 00 to 10 00 |
| Good length.....       | 7 00            |
| Medium length.....     | 5 00 to 6 00    |
| Short.....             | 4 00            |

### Maryland, Killarney, White Killarney, Kaiserin and Richmond.

|                        | Per 100        |
|------------------------|----------------|
| Extra select.....      | \$ 8 00        |
| Good length.....       | 7 00           |
| Medium length.....     | \$5 00 to 6 00 |
| Good short length..... | 4 00           |

### CARNATIONS

|                                     | Per 100          |
|-------------------------------------|------------------|
| Fancy pink, white and Red.....      | \$5 00           |
| Fancy seconds.....                  | 3 00             |
| <b>HARRISH LILIES</b> .....per doz. | 1 50             |
| ".....                              | \$10 00 to 12 00 |
| Lily of the Valley.....             | 3 00 to 4 00     |
| Select Pink and White Peas.....     | 1 00 to 1 50     |
| Peonies.....                        | 5 00 to 8 00     |
| Adiantum.....                       | 1 00 to 1 50     |
| Asparagus.....per string            | 50               |
| Asparagus Sprays.....               | 3 00 to 4 00     |
| Ferns, New Southern.....per 1000    | 2 50             |
| Galax, Green.....per 1000           | 1 00             |
| Bronze.....per 1000                 | 1 00             |
| Smilax.....per doz.                 | 2 50             |

**Good Assortment of Roses in lots of 500 at the rate of \$40.00 per 1000.**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois**

### Chicago.

#### RECORD-BREAKING WARM WEATHER.

Four successive hot days last week with the thermometer flitting with the ninety-degree point, breaking all May records for this city, to be followed by rainy, muggy weather, accompanied by thunder storms, have made the life of the growers as well as the wholesalers a week of trials and hard work. The thermometer went many degrees higher here than at more southern points and everything in bud pushed into bloom and kept all hands busy at the greenhouses cutting stock and the storemen on the jump trying to handle the heavy receipts and endeavoring to find a place to put it. Such warm weather is sure to have a deleterious effect upon the stock and during the heated spell the quality of both roses and carnations, as well as all kinds of stock, fell off greatly, and many of the flowers would keep in good condition but a short time, which made it very hard for the shippers to send out satisfactory stock. The roses lost color rapidly and the carnations grew small and all lacked the necessary substance, but with the change in the weather conditions that has followed, better stock in greatly reduced shipments is expected. Added to the large receipts of inside stock, outside flowers have been shipped to the stores in great quantities and peonies, iris, lilacs and other cut shrubs filled the counters at the several stores. The roses fairly swamped the market last week, large quantities of American Beauty, Killarney and Richmond being received of both long and short stems, and it was simply impossible to dispose of them all. Brides and Bridesmaid were also in large receipt, and all showed the effects of the summer weather. My Maryland and Kaiserin



## ORCHIDS

### ::A Specialty::

A fine stock of Cattleyas, Gardenias, Dendrobiums, Assorted Orchids, Valley, Violets, Beauties, and all fancy flowers always on hand. Decorative stock and supplies of all kinds.

Send for Price List.

**CHAS. W. McKELLAR**  
162 N. Wabash Avenue,  
**CHICAGO.**

Augusta Victoria were also forwarded in large quantities, but these varieties did not suffer in quality as much as the others during the warm weather. Carnations felt the effects of the weather very badly and many of the blooms were very soft and the size fell off greatly, while the color in many cases was very light. The quality of the sweet peas also was far below what has been coming into the market. These three, roses, carnations and sweet peas seemed to feel the warm weather more than the other stock and with the cooler weather this

week a change for the better in the quality is assured. The gladiolus are very fine and elegant America Augusta and Mrs. Francis King are on sale and fine bunches of the Colvillei varieties. Cattleyas are in good supply and some elegant spikes are seen in the market. Peonies are in great supply and some very fine stock is to be had; the officialis varieties are of good size and color and some very beautiful Festiva Maxima have been offered on the market. Bulb stock is about finished, Spanish Iris, Narcissus Poeticus and the double form, alba

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone CHICAGO, ILL.  
Randolph 35

**For June Weddings**  
Call on us for Orchids and Valley

**For Commencements** Call on us for  
**Roses, Carnations, Peonies, Sweet Peas.**

## FOR DECORATION DAY

Our short Roses at \$30.00 and \$40.00 per thousand are just the grade used for Decoration Day they are good value and will give satisfaction. We will give exceptional value in \$6.00 and \$8.00 roses, and will have plenty stock to fill all orders. Wire in short orders right up to the last day and they will be filled.

We will be especially strong on Roses and Carnations; all orders filled promptly.

**Short Roses, our selection, \$30 and \$40 per 1000**

### DECORATION DAY PRICE LIST

In Effect May 25, 1911.  
Subject to change without notice.

No orders for Beauties will be booked at prices quoted in last week's issue  
or in price list mailed.

| AMERICAN BEAUTIES  | Per Doz.                        |
|--------------------|---------------------------------|
| Long.....          | \$4 00                          |
| 24 to 30-inch..... | 2 50                            |
| 20-inch.....       | 2 00                            |
| 18-inch.....       | 1 50                            |
| Short.....         | Per 100, \$4 00, \$6 00, \$8 00 |

| KILLARNEY, Special..... | Per 100 |
|-------------------------|---------|
| Fancy.....              | \$10 00 |
| Medium.....             | 8 00    |
| Short.....              | 6 00    |

| RICHMOND, Special..... | Per 100 |
|------------------------|---------|
| Fancy.....             | \$10 00 |
| Medium.....            | 8 00    |
| Short.....             | 6 00    |

| WHITE KILLARNEY, Special..... | Per 100 |
|-------------------------------|---------|
| Fancy.....                    | \$10 00 |
| Medium.....                   | 8 00    |
| Short.....                    | 6 00    |

| MY MARYLAND, Special..... | Per 100 |
|---------------------------|---------|
| Fancy.....                | \$10 00 |
| Medium.....               | 8 00    |
| Short.....                | 6 00    |

| PERLE, Select..... | Per 100 |
|--------------------|---------|
| Medium.....        | \$8 00  |
| Short.....         | 6 00    |

|                |                           |
|----------------|---------------------------|
| Cattleyas..... | per doz. \$4 00 to \$6 00 |
|----------------|---------------------------|

| CARNATIONS,                                                   | Per 100 |
|---------------------------------------------------------------|---------|
| Extra fancy Perfection, Victory, Beacon, Enchantress.....     | 6 00    |
| 1st grade Lawson, Winsor, Enchantress, Red, White Lawson..... | 5 00    |
| Assorted colors, our selection.....                           | 4 00    |

|                   |                |
|-------------------|----------------|
| Spanish Iris..... | \$4 00 to 6 00 |
|-------------------|----------------|

|                    |      |
|--------------------|------|
| Baby Gladioli..... | 4 00 |
|--------------------|------|

|                              |       |
|------------------------------|-------|
| Harrisii Lilies, Callas..... | 10 00 |
|------------------------------|-------|

|             |              |
|-------------|--------------|
| Valley..... | 3 00 to 4 00 |
|-------------|--------------|

|                 |            |
|-----------------|------------|
| Sweet Peas..... | 50 to 1 00 |
|-----------------|------------|

|                          |              |
|--------------------------|--------------|
| " " fancy Butterfly..... | 1 50 to 2 00 |
|--------------------------|--------------|

|              |    |
|--------------|----|
| Pansies..... | 75 |
|--------------|----|

|                  |              |
|------------------|--------------|
| Marguerites..... | 1 00 to 1 50 |
|------------------|--------------|

|                                 |      |
|---------------------------------|------|
| Daisies, Shasta and Yellow..... | 2 00 |
|---------------------------------|------|

|              |              |
|--------------|--------------|
| Peonies..... | 6 00 to 8 00 |
|--------------|--------------|

|                 |              |
|-----------------|--------------|
| Mignonette..... | 4 00 to 6 00 |
|-----------------|--------------|

|                                 |              |
|---------------------------------|--------------|
| Plumosus Sprays, Sprengerl..... | 3 00 to 4 00 |
|---------------------------------|--------------|

|                                   |                 |
|-----------------------------------|-----------------|
| Plumosus Strings, extra long..... | per string, 60c |
|-----------------------------------|-----------------|

|            |                  |
|------------|------------------|
| Galax..... | per 1000, \$1 25 |
|------------|------------------|

|            |                |
|------------|----------------|
| Ferns..... | per 1000, 3 00 |
|------------|----------------|

|               |    |
|---------------|----|
| Adiantum..... | 75 |
|---------------|----|

|                         |      |
|-------------------------|------|
| Adiantum Crowcanum..... | 1 00 |
|-------------------------|------|



# OUT OF TOWN FLORISTS

Who appreciate High Grade Stock will find it to their interest to write us for prices before placing their orders elsewhere.

## We Are in Full Crop for Memorial Day

with an exceptionally fine grade of Killarney, White Killarney, Richmond, Bride and Bridesmaid Roses and can supply you (in addition to the above flowers) with a choice grade of Beauties, Peonies, Carnations and Sweet Peas. Our Butterflies are magnificent, with large fine flowers on long stems that have no equal in this market. We have these in large quantities

## AND CAN FILL ALL ORDERS

promptly at a moment's notice. If you have not already placed an order with us, do so immediately and see what good care we take of our customers, by supplying them with first class stock. Stock that will stand shipment and arrive in good condition.

# HOERBER BROS.

Wholesale Growers of Cut Flowers

162 North Wabash Avenue,  
Greenhouses, Des Plaines, Ill.

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

pleno odorata, and a few late tulips are all that are left of this class of flowers. The indications for a fine Memorial day trade are good, the advance orders are large and it looks as if there would be plenty of stock.

### NOTES.

P. Swanson, who far many years has been conducting a large mushroom farm at Forty-seventh street and Tolman avenue, is about to leave for Los Angeles, Calif. He is taking his family with him, as he intends to locate there permanently. Sickness in the family is the reason given. He has sold the residence and turned over the management of the farm to his brother, W. Swanson.

J. R. Friedman has severed his connection with the Woodlawn Floral Shop, East Sixty-third street, and will now devote his time to the newspaper business. His many friends wish him much success in his new undertaking.

Foehmann Bros. Co. is supplying their customers with an extra fancy grade of cattleyas and lily of the valley. The White Killarney and Richmond roses that this firm is cutting are of good quality.

Bassett & Washburn are on with a large crop of White Killarney and other varieties of roses. This firm's home-grown peonies will be in crop for Memorial day for the first time in many years.

John Goode is acting as foreman at the Hoerber Bros. greenhouses at Des Plaines and if he can grow roses as successfully as he does carnations, his employers will have no cause to complain.

J. A. Budlong is now cutting a limited quantity of Mrs. Francis King, America and Augusta gladiolus. It is expected that the supply of these flowers will be much larger next week.

H. A. Fisher of Kalamazoo, Mich., was seen in the local market this

## If You Find Yourself Short

on Decoration Day

## WIRE US

We will have plenty of stock,  
as much as anyone.

**KENNICOTT BROS. CO.**  
**163 N. Wabash Ave., CHICAGO**

week. He informs us that his firm expects to open their new store on or about September 1.

B. J. Murphy has resigned his position as foreman with the Stuppy Floral Co. of St. Joseph, Mo., and returned to this city May 21.

Charles H. Hudson, representing Hammond's Slug Shot Works, Fishkill-on-Hudson, N. Y., is calling on the local trade this week.

James C. Curran, one of the prosperous florists, intends to spend his

vacation at the national convention at Baltimore.

Dr. A. E. Halstead of Belleville, accompanied by his grand-daughter, is visiting his daughter at Rogers Park this week.

Welland & Risch are booking a large number of orders for roses and carnations for Memorial day.

Chas. W. McKellar and wife are expected home this week from Hot Springs, Ark.

# GOOD STOCK

And Plenty of It

## FOR DECORATION DAY

In all our long experience we have never had our stock in better condition for Memorial Day than this year. The whole of our great plant, comprising over 2,000,000 square feet of glass, is in full crop with the best of **Beauties, Carnations and Roses.** No other firm has the same facilities for growth and shipment. Send your orders to the

## Largest Rose Growers in the World

And be sure of stock for this important date.

### Decoration Day Prices:

| AMERICAN BEAUTIES     |               | Per doz.          |                           |               | Per 100           |
|-----------------------|---------------|-------------------|---------------------------|---------------|-------------------|
| Extra long stems..... |               | \$4 00            | Ivory.....                | } Select..... | \$8 00 to \$ 8 00 |
| 36 inch stems.....    |               | 3 50              | Sunrise.....              |               |                   |
| 30 inch stems.....    |               | 3 00              | Perle.....                |               | 4 00 to 5 00      |
| 24 inch stems.....    |               | 2 50              | Roses, our selection..... |               | 00                |
| 20 inch stems.....    |               | 2 00              | Carnations.....           |               | 4 00              |
| 15 inch stems.....    |               | 1 50              | Harrisil.....             |               | 12 00             |
| 12 inch stems.....    |               | 1 00              | Valley.....               |               | 3 00 to 4 00      |
| Short stems.....      |               | 50c to 75         | Sweet peas.....           |               | 75 to 1 00        |
|                       |               | Per 100           | Tulips.....               |               | 3 00 to 4 00      |
| Richmond.....         | } Select..... | \$6 00 to \$ 8 00 | Adiantum.....             |               | 1 00              |
| Killarney.....        |               |                   | Asparagus, per bunch..... |               | 50                |
| White Killarney.....  |               |                   | Ferns, per 1000.....      |               | 3 00 to 4 00      |
| My Maryland.....      |               |                   |                           |               |                   |
| Mrs. Field.....       | } Medium..... | 4 00 to 5 00      |                           |               |                   |
| Uncle John.....       |               |                   |                           |               |                   |
| Bride.....            |               |                   |                           |               |                   |

2,000,000 FEET OF MODERN GLASS.

# Peter Reinberg,

New No. 30 E. Randolph St., CHICAGO.



# A Large Supply

Of Peonies, Roses, Carnations and all other Good Seasonable Stock. We are particularly strong on Peonies in all grades and colors and can fill your order to satisfaction. Send it to us and we will prove it to you.

## DECORATION DAY PRICES:

| PEONIES                     | Per 100          |
|-----------------------------|------------------|
| Good                        | \$4 00 to \$5 00 |
| White and Pink, No. 1 stock | 6 00             |
| Special Fancy               | 8 00             |
| BEAUTIES                    | Per doz.         |
| Long stems                  | \$4 00           |
| 30-inch stems               | 5 00             |
| 24-inch stems               | 2 50             |
| 20-inch stems               | 2 00             |
| 15-inch stems               | 1 50             |
| 12-inch stems               | 1 00             |
| Short stem                  | 75               |
|                             | Per 100          |
| Killarney, select           | \$6 00 to 8 00   |
| good                        | 4 00 to 5 00     |
| White Killarney, select     | 6 00 to 8 00     |
| good                        | 4 00 to 5 00     |
| Richmond, select            | 6 00 to 10 00    |
| good                        | 4 00 to 6 00     |

|                        | Per 100           |
|------------------------|-------------------|
| Brides and Bridesmaids | \$4 00 to \$ 6 00 |
| Maryland               | 4 00 to 6 00      |
| Gates and Uncle John   | 4 00 to 6 00      |
| Perle                  | 4 00 to 6 00      |
| ROSES, our selection   | 4 00              |
| ORCHIDS, Cattleyas     | 5 00 to 7 50      |
| CARNATIONS, good       | 3 00 to 4 00      |
| special fancy          | 5 00              |

| MISCELLANEOUS | Per 100            |
|---------------|--------------------|
| Callas        | \$12 50 to \$15 00 |
| Kaster Lilies | 12 50 to 15 00     |
| Valley        | 3 00 to 4 00       |
| Gladiolus     | 8 00 to 12 00      |

| MISCELLANEOUS  | Per 100            |
|----------------|--------------------|
| Outdoor Tulips | \$ 2 00 to \$ 6 00 |
| Sweet Peas     | 75 to 1 25         |
| Mignonette     | 35 to 75           |
| Spanish Iris   | 3 00 to 5 00       |

| GREENS                         |                         |
|--------------------------------|-------------------------|
| Asparagus Plumosus, per string | \$0 50 to \$0 60        |
| Sprenger, bunch                | \$0 35 to 50            |
| sprays                         | 35 to 50                |
| Smilax                         | per doz. 3 00           |
| Fancy Ferns                    | per 1000 3 00 to 4 00   |
| Adiantum                       | per 100 1 00            |
| Galax Leaves                   | per 1000 1 00 to \$1 25 |
| Boxwood                        | Per lb 25               |

# Vaughan & Sperry

Long Distance Phone  
Central 2571

161 N. Wabash Ave., Chicago

# We Have What You Want

SEND US YOUR ORDERS

Beauties, Roses, Carnations,  
Valley, Gladiolus, red, white and pink,  
and Other Good Summer Stock

Buy Direct  
From the  
Grower.

## J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES  
and CARNATIONS  
A Specialty.....

WHOLESALE  
GROWER OF

## CUT FLOWERS

L. D.  
Phone  
Central  
3120

Mrs. Geo. Wietor celebrated the eighty-second anniversary of her birth at her home on Devon avenue, Wednesday evening, May 17. She is the mother of N. J. Wietor and Henry Wietor, the well known wholesale men of this city.

Miss M. C. Gunterberg always hap-

pens to have a good supply of American Beauty roses for the holidays. This is again the case for Memorial day, for her growers have assured her a large quantity for this important day.

Vaughan & Sperry will be right on deck for Memorial day as far as peo-

nies are concerned, for they have agreed to handle large quantities of all grades and colors.

The J. B. Deamud Co. is having consigned large shipments of bachelor's buttons, the cornflowers of the Germans and Emperor William's favorite boutonniere.

# WIETOR BROS.

162 N. Wabash Ave., Chicago

## Decoration Day Price List:

Subject to change without notice.

### BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 15-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100            |
|-----------------------------------------|--------------------|
| Killarney, select.....                  | \$ 6 00 to \$ 8 00 |
| " medium.....                           | 3 00 to 5 00       |
| Jardine (finest pink rose), select..... | 6 00 to 8 00       |
| " " " medium.....                       | 3 00 to 5 00       |
| Bride, select.....                      | 6 00 to 8 00       |
| " medium.....                           | 3 00 to 5 00       |
| Maid, select.....                       | 6 00 to 8 00       |
| " medium.....                           | 3 00 to 5 00       |

|                            | Per 100         |
|----------------------------|-----------------|
| Uncle John, select.....    | \$ 6 00 to 8 00 |
| " medium.....              | 3 00 to 5 00    |
| Richmond, select.....      | 6 00 to 8 00    |
| " medium.....              | 3 00 to 5 00    |
| Carnations, fancy.....     | 5 00            |
| " good.....                | 4 00            |
| Easter Lilies, medium..... | 12 50           |
| " long.....                | 12 50 to 15 00  |
| Callas.....                | 12 50 to 15 00  |
| Tulips.....                | 3 00 to 4 00    |
| Daffodils.....             | 3 00 to 4 00    |
| Valley.....                | 3 00 to 4 00    |
| Sweet Peas.....            | 75 to 1 25      |
| Ferns.....                 | 4 00            |

All Green Goods at market rates.

**ROSES, our selection, - \$4.00 per 100**

The above prices are for select stock. Extra select or inferior stock billed accordingly  
All other stock at lowest market rates.

## High Grade Stock for Decoration Day

Our specials this week are Peonies, Gladioli, Carnations, Valley, Sweet Peas and Roses, in the latter we have all grades, medium, long and short, but are especially strong on the short which are so well adapted to Decoration Day purposes. When placing your order for cut flowers do not forget to include greens, we can also fix you up on these as we have a large supply. We have all other popular stocks, so don't hesitate to order everything you want.

## Our Goods Are Right

So are our prices. But this is not all. We take the same care with the smallest order as well the largest and are prepared to fill either or both. We are filling both—and filling them right—that is why we have such a good shipping trade, and it makes no difference where our stock goes we have no complaints. Its fine quality, the care taken in packing and shipping just at the right time, insures its safe arrival and in the best possible condition. Repeat orders prove this, and while we are anxious to secure new customers, the approval of our old ones is even more appreciated. We give personal attention to all orders. Let us get better acquainted.

# Zech & Mann,

Wholesale Florists, Long Distance Phone, Central 3284, 162 NORTH WABASH AVENUE, CHICAGO.



# EXTRA FANCY Stock for Decoration Day

We are prepared with a large supply of high grade stock to fill all orders up to the last minute. If you want stock of the first quality at reasonable prices this is the place to buy. Send us your orders for

## PEONIES, ROSES, CARNATIONS

### DECORATION DAY PRICE LIST

#### BEAUTIES

|                          | Per doz          |
|--------------------------|------------------|
| 30 to 36-inch stems..... | \$3 00 to \$4 00 |
| 20 to 24-inch stems..... | 2 00 to 2 50     |
| 15 to 18-inch stems..... | 1 50             |
| 12-inch stems.....       | 1 00             |

#### ROSES

|                                  | Per 100          |
|----------------------------------|------------------|
| Richmond, good stock.....        | \$4 00 to \$6 00 |
| fancy.....                       | 8 00             |
| Killarney, good stock.....       | 4 00 to 6 00     |
| fancy.....                       | 8 00             |
| White Killarney, good stock..... | 4 00 to 6 00     |
| fancy.....                       | 8 00             |
| Bride.....                       | 4 00 to 8 00     |
| Maid.....                        | 4 00 to 8 00     |
| Uncle John.....                  | 4 00 to 8 00     |

#### ROSES

|                    | Per 100      |
|--------------------|--------------|
| Perle.....         | 4 00 to 6 00 |
| Our selection..... | 4 00         |

#### CARNATIONS

|              | Per 100 |
|--------------|---------|
| Common.....  | 3 00    |
| Fancy.....   | 4 00    |
| Special..... | 5 00    |

#### PEONIES

|            | Per 100      |
|------------|--------------|
| Short..... | 4 00         |
| Good.....  | 5 00         |
| Fancy..... | 6 00 to 8 00 |

#### MISCELLANEOUS

|                    |                  |
|--------------------|------------------|
| Callas.....        | per doz., \$1 50 |
| Easter Lilies..... | per doz., 1 50   |

#### MISCELLANEOUS

|                                       | Per 100                |
|---------------------------------------|------------------------|
| Valley.....                           | 3 00 to 4 00           |
| Sweet Peas.....                       | 75 to 1 25             |
| Daisies.....                          | 1 00 to 2 00           |
| Gardenias, per doz., \$2 00 to \$4 00 |                        |
| Gladioli.....                         | per doz., 1 00 to 1 50 |
| Baby.....                             | 4 00 to 5 00           |

#### GREENS

|                        |                        |
|------------------------|------------------------|
| Asp. Plumosus.....     | per string, 50 to 60   |
| Sprays, per bunch..... | 35 to 50               |
| Sprenger.....          | per bunch, 25 to 50    |
| Adiantum.....          | per 100, 75 to 1 00    |
| Smilax, choice.....    | per doz., 2 00 to 2 50 |
| Fancy Ferns.....       | per 100, 4 00          |
| Galax Leaves.....      | per 100, 1 00          |

Subject to Change Without Notice

# JOHN KRUCHTEN

Wholesale Florist,

L. D. Phone  
Central 6269

162 N. Wabash Ave., CHICAGO.

# FOR DECORATION DAY

We have made special arrangements for Large Supplies all along the line, and will as usual be "HEAD-QUARTERS" for all kinds of Cut Flowers, such as

ROSES, VALLEY, CARNATIONS, PEONIES, SWEET PEAS,

and an endless variety of Spring Flowers. Finer than ever this year. A specially good supply of Peonies. We make a specialty of "GREEN GOODS." We can fill any size order. Remember, you have all to gain and nothing to lose in placing your Memorial Day order now.

## Memorial Day Prices on CUT FLOWERS

#### ROSES—American Beauties.

|             | Per Doz.         |
|-------------|------------------|
| Select..... | \$3.00 to \$4.00 |
| Medium..... | 1.50 to 2.50     |
| Short.....  | .75 to 1.00      |

#### Per 100.

|               |                  |
|---------------|------------------|
| Richmond..... | \$4.00 to \$8.00 |
|---------------|------------------|

|                |              |
|----------------|--------------|
| Killarney..... | 4.00 to 8.00 |
|----------------|--------------|

|                      |              |
|----------------------|--------------|
| White Killarney..... | 4.00 to 8.00 |
|----------------------|--------------|

|                                  |              |
|----------------------------------|--------------|
| Bride, Bridesmaid, Kaiserin..... | 4.00 to 8.00 |
|----------------------------------|--------------|

|                  |              |
|------------------|--------------|
| Golden Gate..... | 4.00 to 8.00 |
|------------------|--------------|

|            |              |
|------------|--------------|
| Perle..... | 4.00 to 8.00 |
|------------|--------------|

|                              |      |
|------------------------------|------|
| Our Selection, assorted..... | 4.00 |
|------------------------------|------|

|                   |               |
|-------------------|---------------|
| Extra Select..... | 8.00 to 10.00 |
|-------------------|---------------|

|                              |              |
|------------------------------|--------------|
| Carnations—Extra Select..... | 4.00 to 6.00 |
|------------------------------|--------------|

|                      |      |
|----------------------|------|
| Average quality..... | 3.00 |
|----------------------|------|

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| Our supply of carnations consists of all the new and standard varieties, also novelties. |  |
|------------------------------------------------------------------------------------------|--|

#### MISCELLANEOUS.

#### Per 100.

|                                                   |                  |
|---------------------------------------------------|------------------|
| Peonies, extra fancy white, per doz., \$1.00..... | \$4.00 to \$6.00 |
|---------------------------------------------------|------------------|

|                                                      |              |
|------------------------------------------------------|--------------|
| Peonies, red, pink, white, per doz., 50c to 75c..... | 4.00 to 6.00 |
|------------------------------------------------------|--------------|

|                           |              |
|---------------------------|--------------|
| Valley, Extra select..... | 3.00 to 4.00 |
|---------------------------|--------------|

|                 |              |
|-----------------|--------------|
| Mignonette..... | 2.00 to 4.00 |
|-----------------|--------------|

|                  |             |
|------------------|-------------|
| Marguerites..... | .75 to 1.00 |
|------------------|-------------|

|                    |              |
|--------------------|--------------|
| Forget-Me-Not..... | 1.00 to 1.50 |
|--------------------|--------------|

|              |             |
|--------------|-------------|
| Pansies..... | .50 to 1.00 |
|--------------|-------------|

#### MISCELLANEOUS.

#### Per 100.

|             |         |
|-------------|---------|
| Callas..... | \$12.50 |
|-------------|---------|

|                               |       |
|-------------------------------|-------|
| Harrisii and Longiflorum..... | 12.50 |
|-------------------------------|-------|

|                 |                |
|-----------------|----------------|
| Sweet Peas..... | \$0.60 to 1.25 |
|-----------------|----------------|

|                                 |       |
|---------------------------------|-------|
| Gladioli, per doz., \$1.50..... | 10.00 |
|---------------------------------|-------|

|             |              |
|-------------|--------------|
| Tulips..... | 2.00 to 4.00 |
|-------------|--------------|

#### DECORATIVE STOCK.

|                     |        |
|---------------------|--------|
| Ferns—Adiantum..... | \$1 00 |
|---------------------|--------|

|                            |                |
|----------------------------|----------------|
| Common Fancy, per 100..... | \$2.00 to 3.00 |
|----------------------------|----------------|

|                                                  |      |
|--------------------------------------------------|------|
| Galax Leaves, green, per 100, 15c; per 1000..... | 1.00 |
|--------------------------------------------------|------|

|                                                   |      |
|---------------------------------------------------|------|
| Galax Leaves, bronze, per 100, 15c; per 1000..... | 1.00 |
|---------------------------------------------------|------|

|                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Asparagus Plumosus, select strings, each, 50c to 60c; sprays, bunch, 35c to 50c. Sprenger, bunch, 25c to 50c. Boxwood, bunch, 35c; 100 lbs., \$15.00. |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                              |                  |
|------------------------------|------------------|
| Smilax, select, per doz..... | \$2.00 to \$2.50 |
|------------------------------|------------------|

Subject to Change Without Notice.

### Special Assortment for Cemetery Decoration

At this season of the year we have liberal supplies of miscellaneous flowers quite suitable for above named purpose and solicit orders for assortments of \$5.00 worth and upward. We will give you good value. These lots will include standard stock, such as Roses, Carnations, Greens, etc.

# E. F. WINTERSON CO.

166 North Wabash Avenue, CHICAGO.

WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

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## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 162 N. Wabash Avenue CHICAGO

E. E. Pieser of Kennicott Bros. Co. telephoned to 21 hospitals last Friday, May 19, and told them that they could have all the peonies they wanted, free of charge, if they would only send after them. The people at the hospitals evidently thought that Mr. Pieser should go a step further and deliver them, for not a single party called to accept this generous offer. Without a doubt there were many patients in these hospitals who would have been more than pleased to have some flowers in their room, and anyone who is inclined to look after the welfare of the sick would gladly have accepted this offer.

Kroeschell Bros. Co. reports that the new No. 17 greenhouse boiler for the Stielow Greenhouses, Niles Center, is now ready for delivery, and will be installed shortly. This is one of the largest boilers ever contracted for by a greenhouse concern. It has a heating capacity of 72,000 square feet of glass, and will keep that amount of space at rose temperature (60°) in weather 15° below zero.

At John Kruchten's the stock is arriving in good condition and judging from the large quantity of peonies, roses and sweet peas that are received one would say that he will be enabled to fill all orders for Memorial day. Henry Kruchten has been suffering considerably the past week from a severe case of ptomaine poisoning but improved sufficiently to be at the store this week.

The Florists' Club transportation committee has chartered a special car on the Chicago & Milwaukee electric line for June 1, when a joint meeting will be held in Milwaukee with the Florists' Club of that city. The car will leave Evanston at 2:30 p. m., arriving at 6 p. m., returning will leave Milwaukee at 10 p. m. The round trip fare will be \$1.90.

Tim Matchen, the manager at Peter Reinberg's store, found it necessary to take a hand in the shipping department

## "The Busiest House in Chicago"

Last Call for Decoration Day  
We have the Goods and you want them.

## J. B. DEAMUD CO.

Long Distance Phone  
Central 3155

160 N. Wabash Ave., CHICAGO

## Wholesale Flower Markets

| CHICAGO, May 17.                   | Per doz.    |
|------------------------------------|-------------|
| Roses, Beauty, specials.....       | 4 00        |
| .. 36 in.....                      | 3 00        |
| .. 30 in.....                      | 2 50        |
| .. 24 in.....                      | 2 00        |
| .. 18 to 20 in.....                | 1 50        |
| Shortstem.....                     | 75@ 1 00    |
| .. Per 100                         |             |
| .. Killarney.....                  | 4 00@ 10 00 |
| .. White Killarney.....            | 4 00@ 10 00 |
| .. Richmond.....                   | 4 00@ 10 00 |
| .. My Maryland.....                | 4 00@ 10 00 |
| .. Cardinal.....                   | 3 00@ 6 00  |
| Bride.....                         | 4 00@ 8 00  |
| Bridemaid.....                     | 4 00@ 8 00  |
| Rhea Reid.....                     | 4 11@ 8 00  |
| Mr. Jardine.....                   | 4 00@ 8 00  |
| .. Perle.....                      | 3 00@ 6 00  |
| Carnations.....                    | 3 00@ 4 00  |
| .. fancy.....                      | 4 00@ 6 00  |
| Gardenias..... per doz., 3 00@     | 4 10        |
| Gladious..... per doz., 1 00@      | 1 50        |
| Harrisii and Callas..... per doz., | 1 50        |
| Iris.....                          | 4 00@ 6 00  |
| Mignonette, large spikes.....      | 4 00        |
| Orchids, Cattleyas..... per doz.,  | 5 00@ 7 50  |
| Peonies.....                       | 4 00@ 8 00  |
| Sweet Peas.....                    | 75@ 2 00    |
| Tulips.....                        | 3 00@ 4 00  |
| Valley.....                        | 3 00@ 4 00  |
| Adiantum Crownatum.....            | 1 00        |
| Boxwood, per bunch 35; per case    |             |
| .. of 50 lbs.....                  | \$7 50      |
| Ferns..... per 1000 3 00@          | 3 50        |
| Galax.....                         | 1 25        |
| Leucothoe.....                     | 75          |
| Plumous String..... each           | 60          |
| Smilax..... per doz., 2 00@        | 3 00        |
| Spengerei, Plumous Sprays.....     | 3 00@ 4 00  |
| Wild Smilax..... per case          | 5 00        |

on May 18, the orders came in so thick and fast. If the business was as good all through the week as it was on that day, he would have no cause to complain.

Frank Kadlec, who has been ill since February 15 last, is now on the road to recovery, after undergoing an operation at the Evanston hospital. Mr. Kadlec returned to his home last Saturday.

Clifford Pruner of E. H. Hunt's cut flower department returned Saturday, May 20, from Sparta, Wis. A limited quantity of chrysanthemum blooms can be seen at this store this week.

John Welland of Sherman avenue, Evanston, reports business conditions fine, with everything moving well. He is making a considerable addition to his home.

Zech & Mann expect to fill a large number of orders for peonies this week as well as all other good seasonal stock.

Frank Johnson, with the A. L. Randall Co., returned from a successful southern business trip on April 19.

## WIETOR BROS.

Wholesale  
Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. F. KYLE

JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3719.

## Percy Jones

56 E. Randolph St., CHICAGO

The Chicago Carnation Co. is featuring an exceptionally fine grade of gladioli this week.

The Batavia Greenhouse Co. is installing their new ice box this week.



**A Complete Line of Wire Designs.**





## Buffalo.

## JULY WEATHER IN MAY.

Somewhere, some place, where weather records are made and forecasts sent out, there has been a great mistake, and Buffalo has been one of the victims. July and May have met and got fatally twisted. We are in midseason and only partially prepared from the plantman's point of view, and all the roses are opening too fast, carnations will not hold up, and everything is in a "senile" state, even those in the stores who from tender years should be young and active, are all in, down and out. Notwithstanding the conditions, trade has been fair and some business all the time. Mothers' day was better than last year and with a judicious advance notice, as one of our enterprising florists sent out, will, we believe, make it a very popular day for the florist. Tulips locally grown are good, southern peonies while not plentiful have had a good sale. Lilies have been good but the extreme heat softened them and hurt their sale. Lawn vases, veranda boxes and lawns are being more looked after this year it seems than in the past. More people are taking pride in their flower beds and lawns, which goes plainly to show that exhibitions such as was given by the Florists' Club last fall educate the public to the possibilities of lawn decorations and ere long we hope the public will ask for a spring show.

## NOTES.

An automobile trip one day last week was a gorgeous one, for the country was in perfection, all the trees in blossom, the fields looking fine, every lilac in full bloom. Oh, for a week or more away from the city at the present time and we would say in all earnestness life is worth living; no gas odors, or anything else, only nature's gifts, pure air and spring flowers and a plenty of both.

S. A. Anderson planted the front and a part of one side of the Elks' Club with rhododendron and azalea mollis, which at the present time is very attractive, more so than many other things would be where care plays an important part. Bays and boxwood line the entrance and as it is on Delaware avenue, enhances the beauty of the street.

We note that the Florists' Exchange has a new correspondent signed B. E. C. Well, on a short call that is Bec; while we are not positive of the person, we think he is the one that is always ready and willing to answer the beck and call of all the florists. Good luck to you, B. E. C.

Buffalo has had more call for boxwood and bay trees this year than ever before and by many are used on steps in place of the pots of geraniums, which seems an agreeable change. Several have substituted the smaller ones in place of a mixed filling in veranda boxes.

The mother of J. Rowland Cloudsley of the Lenox Flower Shop died last week after an illness of about three months. Five sons and one daughter survive her.

The Florists' Club expects to hold a meeting this week. BISON.

## Philadelphia.

## EXTREMELY HOT WEATHER.

Extreme hot weather for the season is our portion, May 27 breaking the record of the weather bureau for this date. Such weather if continued will send the few remaining migratory ones off in a hurry and wind the season up with a jolt, instead of going out in easy stages. Cut flowers are plenty in all lines, although the quality is rapidly retrograding. Roses and in fact all flowers are getting smaller and showing the effects

of the hot greenhouses. There is no doubt about peonies for the end of the week or for Memorial day, as the early ones are seen in quantity. Sweet peas are plentiful and of excellent quality, the Spencer type being especially fine. The carnations are holding their own and sell at good prices considering the light demand. Outside shrubbery is now in and snowball, deutzia and spirea are being largely used in design and decorative work. The plant bedding men are having a heavy run and it looks as if everything will be cleaned up. The difficulty is to get geraniums in flower, they not having had time to get rooted since Easter and while very promising but few are in flower, which condition interferes with their sale very much.

## NOTES.

Echoes of Mothers' day are still heard and the demand for flowers, white carnations first, and then almost anything when the supply of those most in demand gave out. The outlying districts of the cities and the smaller towns were the greatest centers of activity. In a small town in Pennsylvania a florist's cash register gave a list of over 500 separate sales. In another place after everything had been sold the questions and explanations as to why there was nothing to offer became so aggravating that the place was locked up and the proprietor and his force decamped until the next day. Mr. Radcliffe of Radcliffe & Tanner of Richmond, Va., who happened in town said that the demand cleaned up everything in the shape of a flower. He thought it an excellent idea as people who scarcely ever bought flowers had to have one for Mother's day. He thinks the trade should do all they can to encourage this new flower holiday.

The Robt. Craig Co. say their business this spring is away ahead of that of any previous season. A splendid stock of Begonia Gloire de Lorraine and Glory of Cincinnati; 150,000 plants in 2½-inch pots seems a good many, but Mr. Craig is afraid they will not have enough for the orders. Cyclamen are also seen in quantity. A lot in 6-inch pots with buds are an unusual sight for this time of year.

The trade in this city heard with deep regret of the death of L. G. Blick of Norfolk, which occurred last week. Mr. Blick was a frequent visitor to this city, buying a large portion of his plants and cut flowers in this market. Edward and Mrs. Reid attended the funeral.

Memorial day is looming up and the commission men say they are busy booking orders even at this early date. There need be no fear of high prices as the prospects all point to a full supply.

August Muller and Geo. Anderson have had a splendid lot of pot hydrangeas that have sold well and graced many a decoration. K.

## Pittsburg.

## A DULL MARKET.

The market is probably in the worst condition it has been in for quite a while. Everything is coming in by the wagon load and going out the same way to the dump. Roses of all kinds and grades are everywhere, no one wants them at any price. American Beauties are about as bad, and carnations but little better. Greenhouse grown sweet peas arrived cooked and were dumped as soon as received. Gladioli are in, but like all the rest of the list, are lifeless. All greens, excepting smilax, are plentiful.

## NOTES.

Randolph & McClements are having a show of hardy blooming plants that make quite an attraction. There are hundreds of hardy azaleas in the collection.

## Charles Weiss &amp; Sons

127 West 28th St. NEW YORK  
Telephone 1202 Madison Square

**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

## Siebrecht &amp; Siebrecht

**Wholesale Florists**

Telephone: 8346 Madison Square.

136 W. 28th St., New York City

## JOSEPH J. LEVY

(Successor to John Seligman & Co.)

**WHOLESALE FLORIST**

Telephone Madison Sq. 4878,  
66 West 28th Street, New York

## WILLIAM H. KUEBLER

**Wholesale Commission Dealer in**

## CUT FLOWERS

28 Willoughby Street,

Tel. 4591 Main. BROOKLYN, N. Y.

The McCallum Co. expect to handle about four times as many peonies this year for Memorial day as they ever have handled before.

The Zieger Co. are so busy with planting contracts that they are kept going daily until midnight.

Koerble of Jeannette was a recent visitor. J.

## Albany, N. Y.

Raymond A. Pearson, state commissioner of agriculture, has received a report of the discovery of the gypsy moth in this state. Egg masses were found on trees near Newburg, Orange county. The commissioner has given instruction to members of his department to destroy all egg masses found. The pest has been long established in Massachusetts and in six years that state has spent \$2,770,000 for its extermination. The appearance of the moth in this state was expected for some time, but not until this year were the first signs discovered. R. D.

## New York Bowling.

Owing to the illness of William Duckham the bowling match between Madison and New York has been postponed. On Saturday, May 27, Tuxedo will bowl New York at Thums' alleys, Broadway and Thirty-first street. The New York Florists' Bowling Club bowls every Friday evening. The scores May 19 were as follows:

|          |       |     |     |     |     |
|----------|-------|-----|-----|-----|-----|
| Chadwick | ..... | 227 | 157 | 195 | 230 |
| Scott    | ..... | 130 | 129 | 148 | 133 |
| Manda    | ..... | 168 | 156 | 181 | 148 |
| Shaw     | ..... | 142 | 143 | 133 | ... |
| Kakuda   | ..... | 171 | 128 | 167 | 180 |
| Richards | ..... | 133 | 141 | 108 | 114 |
| Nugent   | ..... | 120 | 109 | 104 | ... |
| Fenrich  | ..... | 137 | 188 | 148 | ... |
| Holt     | ..... | 138 | ... | ... | ... |

MINNEAPOLIS, MINN.—In the program of the civic celebration to be held July 2-8, Wednesday, July 5, has been named "Aquatic day," when, in celebration of Minnesota's dedication as "The land of sky-painted waters," the unique ceremony of linking Lake Calhoun with Lake of the Isles, the crowning feature of Minneapolis' beautiful park system, will occur.

PHILADELPHIA

NEW YORK

WASHINGTON

**S. S. Pennock-Meehan Co.**

WHOLESALE FLORISTS

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Everything in Cut Flowers.

PERCY B. RIGBY, Treasurer.

Everything in Supplies



D. Y. Mellis, Pres.

Geo. W. Crawbuck, Mgr.

Robert G. Wilson, Treas.

**Greater New York Florists' Ass'n.**

Wholesale Commission Florists and Dealers in Florists' Supplies.

Telephones 3642 } Main. 162 Livingston St., BROOKLYN, N. Y.  
3643 }  
6028 }**Charles Millang**

WHOLESALE FLORIST

55 and 57 West 26th St., NEW YORK

Telephones: 7062-7063 Madison.



Roses, Carnations and all kinds of Seasonable Flowers in Stock.

**WM. F. KASTING CO.** Wholesale Commission Florists.  
**BUFFALO N. Y.** Florists' Supplies and Wire Designs.

A. MOLTZ

MAURICE L. GLASS

**A. MOLTZ & COMPANY,**  
WHOLESALE FLORISTS

55-57 West 26th St., NEW YORK

Telephone Madison Square 617 and 618.

**N. Y. Cut Flower Exchange**Coogan Bldg., 6th Ave. & W. 26th St., New York  
Open for Cut Flower Sales at 6 o'clock Every Morning.

Desirable wall space to rent for advertising.

**V. S. DORVAL, Secretary.**

—FLOWERS SHIPPED BY—

**P. J. SMITH,**

Are the best product of the best growers for the New York market.

Adiantum Crownatum sold here exclusively.

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Consignments Solicited.

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54 West 28th St. NEW YORK.

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**Traendly & Schenck,**

WHOLESALE FLORISTS,

131 & 133 West 28th St  
Phones: 798 and 799.

NEW YORK

**W. M. P. FORD,**

45 West 28th St., NEW YORK.

—WHOLESALE FLORIST—

Phone: 5335 Madison Sq. Consignments of Cut Flowers Solicited

**Badgley, Riedel & Meyer, Inc.**

WHOLESALE FLORISTS

34 West 28th St., NEW YORK.

PHONES 1664 } Madison Sq.

Consignments Solicited

**Wholesale Flower Markets**

| NEW YORK, May 24.             |             |
|-------------------------------|-------------|
| Roses, Beauty, special.....   | 10 00/20 00 |
| " extra and fancy.....        | 6 00/8 00   |
| " No. 1 and No. 2.....        | 1 00/2 00   |
| " Bride, Bridesmaid, special. | 3 00/5 00   |
| " extra and fancy.....        | 2 00/3 00   |
| " No. 1 and No. 2.....        | 50/2 00     |
| " Killarney, My Mary Ind. spl | 3 00/5 00   |
| " extra and fancy.....        | 2 00/3 00   |
| " No. 1 and No. 2.....        | 50/2 00     |
| " Richmond.....               | 1 00/2 00   |
| Carnations.....               | 1 00/2 00   |
| Callas.....                   | 35/2 75     |
| Cattleyas.....each            | 35/2 75     |
| Gardenias.....per doz.        | 50 00/2 00  |
| Lilium Longiflorum.....       | 2 00/2 50   |
| Lily of the Valley.....       | 1 00/2 00   |
| Narcissus P. White.....       | 1 00/2 00   |
| " Yellow.....                 | 1 00/2 50   |
| Roman Hyacinths.....          | 1 00/2 50   |
| Sweet Peas.....per doz. bchs. | 35/2 00     |
| Tulips.....                   | 1 00/2 00   |

| BUFFALO, May 24.                 |             |
|----------------------------------|-------------|
| Roses, Beauty, special.....      | 20 00/25 00 |
| " extra.....                     | 15 00/20 00 |
| " No. 1.....                     | 10 00/12 00 |
| " No. 2.....                     | 2 00/2 30   |
| " Bride, Maid, Killarney.....    | 2 00/2 60   |
| " Killarney, White and Pink..... | 2 00/2 80   |
| Carnations.....                  | 1 50/2 25   |
| Callas.....                      | 6 00/8 00   |
| Daisies.....                     | 1 00/2 15   |
| Von Sion.....                    | 50/2 00     |
| Lilium Longiflorum.....          | 6 00/8 00   |
| Lily of the Valley.....          | 3 00/4 00   |
| Mignonette.....                  | 2 00/2 50   |
| Sweet Peas.....                  | 2 00/2 75   |
| Trumpet Major.....               | 50/2 00     |
| Tulips.....                      | 2 50/3 00   |
| Adiantum Crownatum.....          | Per 100     |
| Asparagus, per bunch.....        | 35/2 50     |
| Asparagus Sprengerli.....        | 35/2 50     |
| Asparagus Str.....               | 50/2 60     |
| Ferns.....per 1000.....          | \$2 00      |
| Galax, green and bronze.....     | 1 50        |
| Smilax.....                      | 15 00       |

**ALFRED H. LANGJAHR**  
WHOLESALE FLORIST.

113 W. 28th Street, NEW YORK

All flowers in season. Consignments of first-class stock solicited.  
Phones 4626 and 4627 Madison Square.**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

**Moore, Hentz & Nash,**

WHOLESALE COMMISSION FLORISTS

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Telephone No. 756  
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**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

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CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

**M. C. FORD**

Successor to FORD BROS.

Receivers and Shippers of **FRESH FLOWERS.**

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Telephone 3870-3871 Madison Square

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## Cincinnati.

## HOT AND DRY WEATHER.

For nearly the past fortnight we have been having weather more appropriate for July and August than May. It has been hot, dry and close. The early part of this week gives promise of rain and cooler weather; but at that the rain is being administered in small homeopathic doses, and is scarcely enough to settle the dust on the roads. The growers who planted out their carnations before the early wet spell that preceded the present dry one, say the stock is growing splendidly. The prospects for a large supply of flowers of all kinds for Memorial day were never better in this market than they are this year. Peonies, judging from reports from the growers, will be offered in very large quantities for this day. Roses are in good crop and this will immediately last through next week. A full and adequate amount of other lines is promised. As a rule prices the past week have been at their lowest point of the season. Considerable stock moves only at buyers' prices, and in spite of the torrid weather the quality is as a general rule good. A large crop of Killarney roses has started the past few days that promises to last throughout the commencement season. All other varieties, too, are in strong supply. Many American Beauties, and good stemmed ones at that, find their way into street fakir's hands. Carnations of all varieties have slipped a trifle lower in price. Many of the colored ones are showing the effects of the continued hot weather. Peonies are offered in larger quantities than at this time in May for several years. Sweet peas compared to other flowers find a better market than any of them. Other offerings include lilies, lily of the valley, iris, gardenias, stocks, double narcissus and snapdragon. The green goods market is amply supplied in all lines.

## NOTES.

Representatives of The Good & Reese Co. of Springfield showed the new fern, Roosevelt, to the growers in the flower market May 24 and at the Haylin Hotel May 21. The plants on exhibition won universal approbation and the salesmen left town with quite a few orders in their books.

Wm. Murphy, in addition to his other lines, has had a very successful season handling bedding stock. This is the first time he has gone into this line as heavily as he did this year, and he was very successful with it.

E. G. Gillet says that if the quantity of American Beauties kept on coming in the way it has for the past week, he will have no trouble in meeting all commencement requirements.

L. H. Kyrk is right in line this year, as in the past, with many novelties in the various spring flowers.

P. J. Olinger's large peony field at New Castle, Ind., has just come in right this year for Memorial day.

C. E. Critchell, again, in past years, is offering large quantities of double narcissus at this time.

Gus Adrian reports an exceptionally busy season with bedding. His large stock is almost cleaned out.

J. M. McCullough's Sons Co. are receiving a heavy cut of Killarney roses from Bloomhurst.

H.

GALESTOWN, TEX.—All records in the shipping of Cape jasmines were broken May 13 when 1,000,000 buds were shipped to northern cities.

MADBURY, N. H.—W. H. Elliott states that between overhauling his farm and greenhouses and fighting forest fires, that are so current in this vicinity, he has a busy time.

The Old Reliable Firm of Godfrey Aschmann is more active than ever. No competitor can harm him. He will look to your interests. Mail him your orders.

Look! He Offers You Bargains in

# Bedding Plants

WELL GROWN. 100,000 of all descriptions are now at your disposal.

For Immediate Shipment.

NOW READY.

Godfrey Aschmann, the busy bee, is more active than ever. Come and look at what he and his son and employees have done in four weeks' time. Inspect it yourself, judge it yourself, and you will say "Is it possible?" Ten greenhouses and equally as many frames are filled with choice bedding plants of all descriptions.



**Cannas**, John D. Eisele (best improved). Per 100 red flowers, dark foliage. Egadale. bronze. Mme. Crozy, 4-in., in. \$ 8.00  
**Cannas**, Alpha, Bouvier, Richard Wallace, 7.10  
 In addition to the above, we have Austria (yellow), Mt. Blanc, Robusta (giant crimson), and few more good varieties.  
**English Ivy**, 3-in., big as the 4-in., 3 in a pot, 10.00  
 2 1/2 in. 5.00  
**Begonia** Erfordi, our well known strain, our latest improvement, always in bloom best of all pink varieties. 4-in. pots. 8.00  
**Begonia** Vernon, the genuine dark red; a bed of them once seen growing on a lawn in bloom speaks for itself. It is our latest improvement of the Vernon type; always a mass of flowers, stands the sun heat and the dry weather well; 7/10 4-in., now ready medium size 4-in. \$7.00; large 4-in. 8.00  
 3 in (all in bloom) 5.00  
**Lemon Verbenas**, 4-in. 7.00  
**Scarlet Sage**, everybody's favorite. Clara Goodman or Balfour (in bloom). 4-in. 7.00  
**Ageratum**, dwarf, best blue, 4 in. 7.00  
**Fuchsias**, assorted colors, 4 in. 7.00  
**Fuchsias**, 5 in. 10.00  
**Double Petunias**, assorted, 4-in. 7.00  
**Lantanas**, assorted, 4 in. 7.00  
**Geraniums**, for bedding purposes: S. A. Nutt. best crimson: Alfonso Ricard. John Doyle red. Mme. Buchner. double white. Blue. Thibaut, double pink 4 in. \$7.00 per 100  
**Honeysuckle**, sweet scented Halleana. 4-in. 10.00  
**Clematis** Paricula, 3 1/2 in. pots. 5 to 20 each  
**Ampelopsis** Veitchii, 4 in. 15c. 5 in. 20c each  
**Crimson Rambler** Roses, 6 in. pots. 5.00  
 50c. 75c. \$1.00 each  
**Cobea** Scandens, 4 in. 10c each

**Kentia Forsteriana**, 4 year old, 30 to 35 inches high. \$1.50  
**Kentia Forsteriana**, 4 year old, 24 to 26 inches high. 75c to \$1.00.  
**Kentia Belmoreana**, 4 year old. 26 to 28 inches high. \$1.00 to \$1.25.  
**Kentia Belmoreana**, 4 year old, combination or made up of 3 plants, 26 to 28 inches high. \$1.00, \$1.25 and \$1.50  
**Kentia Belmoreana**, combination or made up of 3 plants, 3 year old 24 to 26 inches high. 75c to \$1.00  
**Cocos Weddelliana** Palms, made up of 3 plants. 4 to 5 in pots. 30c. 40c. and 50c.  
**Asparagus Fumosus** Nanus, 2 1/2 in., \$3.00 per 100 \$25.00 per 1000  
**Asparagus Sprengeri**, 4-in., 10c; 2 1/2 in., strong. \$5.00 per 100.

## Ferns.

**Scottii**, very large selected specimen plants 8-in. pots. \$2.00. 3 1/2, 6 and 7-in. pots. 25c. 30c. 40c. 50c. 75c. \$1.00.  
**Whitmanii** and **Scholeizii**, 7-in. pots. \$1.00.  
**Gladioli**, 5 1/2 in. pots. 20c. 35c. 40c. 4-in. pot plants. 20c to 25c.  
**Large 3 inch Boston**, **Whitmanii**, **Scottii** and **Scholeizii**. 15c to 20c.

**Dracena Bruniellii**, 6-in. pots. suitable for vases. 35c to 40c.  
**Crimson Rambler Rose Bushes**, 6 in. pots, 30, 35 and 40 in. high. 50c. 75c to \$1.00.  
**Nasturtiums**, assorted, 3 in. pots. \$5.00 per 100.  
**Cosmos**, 3 plants in a 2 1/2 in. pot. \$5.00 per 100.  
**Torenia Fourieri**, 2 1/2 in. pot. \$3.00 per 100.  
**Fuchsia Aureum** (Golden Feather), \$3.00 per 100.  
**Large African Marigold**, 3-in. 5c.  
**Kentiiworth Ivy**, 3 1/2 in. 3c.

## In Small Plants

we have the following in 2 1/2 to 3-in. pots, at \$3.00 per 100:

**Verbenas**, assorted colors.  
**Phlox** Drummondii, dwarf and grandiflora.  
**French dwarf Tagetes** (the queen of the Marigolds).  
**Coleus**, Verschaffeltii, Golden Bedder, Queen Victoria (fancy colors, 4c).  
**Petunias**, Immitable. Dwarf.  
**Sweet Alyssum**, Carpet of Snow or Little Gem.  
**Tradescantia**, two colors.  
**Thunbergia**, or Black Eye Susan.  
**Lobelia**, Crystal Palace, blue, dwarf and trailing.

**Cornflowers** (assorted).  
**Centaurea Gynocarpa** (Dusty Miller).  
**Parlor** or **German Ivy**, 3c.  
**California Giant Petunia**, 3 in., \$5.00 per 100.  
**Asters**, 4 separate colors, 2 1/2 in. 3c; Giant Crego, best aster, adapted for benches, to cut or for pots, 4 separate colors, purple, rose, pink and white. \$3.00 per 100; \$25.00 per 1000.

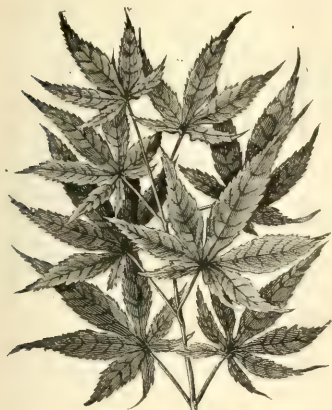
Don't forget that we are the growers and shippers of **Ipomoea Noctiflora**, the pure white Moonvine, with flowers as big as a saucer, very fragrant and the earliest Moonvine in existence, for which we have a world-wide reputation for the past twenty-five years; grows 50 feet and over in one season; over 25,000 are shipped every spring all over America south, north, west and east, Mexico and Cuba. 2 1/2 in. pots. \$5.00 per 100. 3 in., \$8.00 per 100; 4 in., \$12.00 per 100.

25 at 100 rates.  
 Cash with order, please.  
 All plants must travel at purchaser's risk.

# GODFREY ASCHMANN,

Wholesale Grower and Importer of Potted Plants,

1012 W. Ontario St., PHILADELPHIA, PA.



JAPANESE MAPLE.

# Japanese Maples

## A Splendid Lot of Pot-grown Plants in the Three Best Varieties

|                                                                                   |        |         |
|-----------------------------------------------------------------------------------|--------|---------|
| <b>Polymorphum Atropurpureum.</b> Red or purple leaved, the most popular variety. | Each   | Dozen   |
| Strong, bushy, 6-inch pots, 18 to 24 inches high.....                             | \$1 00 | \$10 00 |
| Strong young plants, 4-inch pots, 8 to 10 inches high.....                        | 40     | 4 00    |
| <b>Polymorphum Atropurpureum Dissectum.</b> The red, fine cut leaved variety.     |        |         |
| Strong 6-inch pots, 15 to 18 inches high.....                                     | 1 00   | 10 00   |
| Strong 4-inch pots, 8 to 10 inches high.....                                      | 40     | 4 00    |
| <b>Japonicum Aureum.</b> Golden leaved, heavy foliage.                            |        |         |
| Strong 6-inch pots, 12 to 15 inches high.....                                     | 1 00   | 10 00   |
| Strong 4-inch pots, 6 to 8 inches high.....                                       | 40     | 4 00    |

## Schizophragma Hydrangeoides The Climbing Hydrangea

It is the first time that we are able to offer such a fine lot of extra heavy, pot-grown plants of this rare hardy climber. Splendid, strong plants, 2 to 3 feet high, in 6 and 7-inch pots, 75c each; \$7.50 per dozen.

## Clematis Montana Grandiflora

A spring-flowering Clematis, the first climbing plant to bloom, frequently opening its flowers during the last week in April and continuing well through May, the flowers remind one of the Anemone Japonica in miniature, being 1 1/2 to 2 inches in diameter and of a pure white. A clean, healthy, vigorous grower, not affected by disease of any kind, and a vine which is destined to become very popular. Strong 2-year-old plants, 35c each; \$3.50 per dozen; \$25.00 per 100.

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The above prices are intended for the trade only.

# Fancy Ferns, - \$2.00 per 1000



**New Crop Galax, Bronze or Green.....** \$1.25 per 1000; 10,000 \$7.50  
**Sphagnum Moss, large bales.....** \$1.25; 6 bales, \$7.00. Extra Fine  
**Leucothoe Sprays, Green and Bronze.....** \$1.00 per 100; \$7.50 per 1000  
**Boxwood.....** per bunch, 35c; 50-lb. case, \$8.50  
**Magnolias, Brown and Green, Imported stock.....** per basket, \$2.50; 6 baskets, \$2.00 each

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Wholesale Commission Florists and Florists' Supplies,

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38-40 Broadway,

### Stamford Horticulturists.

The regular meeting of the Westchester and Fairfield Horticultural Society was held in Royal Arcanum hall, Stamford, Conn., May 12, President Stuart in the chair and 75 members present. Two life, four honorary and 15 active members were elected and six propositions for membership received. Notable among the exhibits were calceolarias by James Stuart of Mamaroneck, N. Y., new early flowering chrysanthemums by P. W. Popp, Mamaroneck, N. Y.; sweet peas by Adam Patterson of Saugatuck, and vegetables by A. Peterson of Stamford. The preliminary schedule of prizes for the fall show is ready for press and copies will be mailed to all members. Others desiring a copy can obtain the same by applying to J. B. McArdle, secretary, Greenwich, Conn.

## George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of

### Evergreens



Fancy and Dagger  
 Ferns, Bronze and  
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## Cyclamen

From 2-in., 3-in. and 4-in. pots, finest strain.

## Kentias

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**Special Price List for the Asking**

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QUALITY



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**Bertermann Bros. Co.**

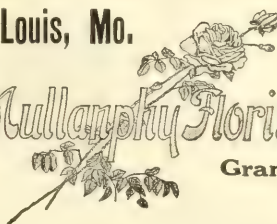
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Beauties, Orchids and Valley always on hand.

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FROM NEW YORK EXCEPT AS NOTED.

May 30.

Ryndham, Holl.-Amer., 10 a. m., Hoboken Pier.  
FROM BOSTON, Franconia, Cunard, East Boston Pier.

May 31.

Lastania, Cunard, Piers 54 and 56, North River.  
FROM BALTIMORE, Chemnitz, No. Ger. Lloyd,  
2 p. m., Pier, 9 Locust Point.

June 1.

Pannania, Cunard, Piers 54 and 56, North River.  
Cleveland, Ham.-Amer., 10 a. m., Hoboken Pier.

La Lorraine, French, 10 a. m., Pier 57, North River.  
Bremen, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

June 2.

FROM MONTREAL, Corsican, Allan.

June 3.

Caronia, Cunard, Piers 54 and 56, North River.  
Baltic, White Star, 11 a. m., Piers 60 and 61,  
North River.

Patricia, Ham.-Amer., 11 a. m., Hoboken Pier.  
Moltke, Ham.-Amer., 11 a. m., Hoboken Pier.

Finland, Red Star, 10 a. m., Pier 59, North River.  
New York, Amer., 9:30 a. m., Pier 62, North River.

Furness, Anchor, 1 p. m., Pier 64, North River.  
Perugia, Anchor, Pier 64, North River.

FROM MONTREAL, Ansonia, Cunard.

FROM MONTREAL, Dominion, White Star.  
Dom., daylight.

FROM MONTREAL, Lake Erie, Allan.  
June 6.

Potadam, Holl.-Amer., 10 a. m., Hoboken Pier.  
Kronprinz Wilhelm, No. Ger. Lloyd, 10 a. m.,  
Hoboken Pier.

FROM BOSTON, Cymric, White Star, 6 p. m.,  
Charlestown Pier.  
FROM PHILADELPHIA, Prinz Oskar, Ham.-  
Amer., 11 a. m.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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**WILLIAM L. ROCK  
Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

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Flowers or Design Work.

Delivered in Albany and Vicinity on  
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To out-of-town florists  
We are in the heart of NEW YORK  
And give special attention to steamer and Theater  
orders. Prompt deliveries and best  
stock in the market.

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We are in position to fill promptly all mail,  
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quality stock in season.

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**The Texas Seed and  
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Orders for cut flowers and designs solicited for  
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Order your flowers for delivery  
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1122 Grand Ave. Will fill all orders for Cut  
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IN THE HEART OF NEW YORK CITY

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Orders will be carefully  
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Wholesale and Retail Florist of GRAND RAPIDS

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**"The Saltford Flower Shop"**

Vassar College and Bennett School.

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ALFRED HANNAH & SONS. Will fill your  
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**John Breitmeyer's Sons**

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We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**A. W. SMITH CO.**

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Established 1874. Incorporated 1909.

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The Most Central Location in City.

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FLORISTS.**

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(Successor to Geo. A. Heint)

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Both Phones, 527.

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Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
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Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
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Cleveland, O.—The J. M. Gasser Co.  
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Denver, Colo.—The Park Floral Co.  
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**NEW YORK CITY.**

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HIGH GRADE OF FLOWERS

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304 Main Street.

Members Florists' Telegraph Association.

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**The Cleveland Cut  
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Will fill your orders for designs and cut flowers in  
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We deliver anywhere in Canada and guarantee  
safe arrival.

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Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vanshan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

BEGONIAS seem to be the only spring bulbs or tubers not in demand this season.

W. ATLEE BURPEE and son David will sail for Europe on the S. S. Olympic, June 28.

VISITED CHICAGO: G. C. Eldering, representing W. J. Eldering & Son, Overveen, Haarlem, Holland, returning eastward.

THE fifth annual meeting of the Iowa Seed Dealers' Association will be held at the Chamberlain hotel, Des Moines, Tuesday, June 6.

THE Chicago onion set growers will hold a meeting at the Hotel Sherman June 8. The last meeting occurred March 17, at which some 10 or 12 growers were present.

HJALMER HARTMANN & Co., Copenhagen, Denmark, are warning the trade against a new cabbage which is claimed to be the same as their Copenhagen Market, introduced last year.

THE protest of Henry Nungesser & Co. was sustained by the general appraisers and yellow lupin seeds, classified as seeds not specially provided for, were held free of duty as grass seeds.

E. W. KING, of E. W. King & Co., Coggeshall, Essex, Eng., and Frank Cullen, a seed grower of the same locality, who are making a trip through the United States as far as the seed growing districts of California, reached Chicago May 21 from Philadelphia, where they were the guests of W. Atlee Burpee. They were accompanied by Frank Cuthbertson, son of the senior member of the firm of Dobbie & Co., Edinburgh, Scotland. Mr. Cuthbertson proceeded direct to California, where he will spend some months with C. C. Morse & Co. Messrs. King and Cullen spent two days in the western capital, resuming their journey Monday night, May 22, and expect to return to Europe with W. Atlee Burpee June 28.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

HOLLISTER, CALIF.—At the annual meeting of the Pieters-Wheeler Seed Co., held May 13, L. W. Wheeler was elected president.—Visitors: S. F. Leonard, Chicago; E. L. Page, Greene, N. Y.

PRESIDENT PAGE of the American Seed Trade Association visited Chicago May 20, returning from the Pacific coast. He says the seed growers are compelled to use Chinese, Japanese and Hindoo help, the last named being very unsatisfactory.

CHICAGO.—Prices on the board of trade, May 24, for grass seed were noted as follows: White clover, from \$22 to \$30.—The W. W. Barnard Co. has leased the old Examiner building on Madison street, between Fifth avenue and Franklin street, five stories and basement, for a term of years at \$75,000.

WM. REHM, special American representative of L. Daehnfeldt, Odense, Denmark, was in Chicago May 23 in the interest of his firm, and intended going farther west. Mr. Rehm will attend the Marblehead convention next month. Carlos Jensen, manager of this firm's export department, was in Chicago May 22, returning from the coast.

### American Seed Trade Association.

The twenty-ninth annual convention will be held at Marblehead, Mass. June 20-22, 1911. The opening session is called for 10 o'clock a. m.

The Rockmere hotel has been selected for the headquarters and the following rates and accommodations have been offered to the membership: For 75 to 100 persons, the best rooms, with bath or running water at \$5.00 per day each person. For 100 persons in smaller rooms, or large rooms in nearby cottages, \$4.00 per day each person. For 30 persons in small rooms in cottages, \$3.00 per day each person. Rates include all meals and accommodations, and should be secured in advance if possible.

Marblehead is about 16 miles from Boston and it is necessary to transfer from the South Terminal to the North Station, which may be made on the Boston Elevated. Baggage should be checked through to Marblehead. On account of the necessary change in the convention city made since the executive committee met in January, it has been necessary also to change the programme. This is not quite completed, and will follow shortly. The latest crop reports from the prominent growers will be a feature, and there will be reports of much interest from

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

our state correspondents in regard to legislative action in the various states this past winter.

C. E. KENDEL, Secretary.

### Misbranded Seeds.

United States Department of Agriculture Circular No. 35, issued May 10, 1911, contains records of the year 1910 on misbranded samples of alfalfa, red clover, Kentucky blue grass, orchard grass and red top, together with the names of the seedsmen by whom they were offered for sale, representing something like 100 seed houses from whom these seeds were procured. All seedsmen should write for a copy.

Twelve samples of orchard grass out of 317 obtained were found to be adulterated as compared with 55 adulterated samples found in 1909. Of 371 samples of seed obtained as Kentucky blue grass 16 were found to be wholly or in part Canada blue grass. Of red top seed, 526 samples, 176 were found to contain timothy. The department conceded that these grasses grow together and that the seed growers or farmers must be aware that the seed is mixed.

### M Herb's Novelties for 1911.

In the list of seed novelties disseminated by M. Herb, of Naples, Italy, in 1911 the following interesting new plants are noted:

*Helianthus cucumerifolius purpureus*, a real red sunflower. All the shades from light pink to deepest purple are to be found in these hybrids, the petals vary from straight, flat, to twisted and pointed with various shades of color from purple around the disk to light pink at the points.

*Salvia splendens aurea*, Canary Bird, a yellow salvia of the same growth and habit of *Salvia splendens*.

*Freesia hybrida nova*, a new strain of hybrid freesias of singular colors such as pink, red, lilac, violet, yellow and orange.

*Bellis perennis tubulosa* fl. pl. a double flowering quilled daisy of various colors, white, pink, bright red, blood red and carmine.

*Cheiranthus incanus* fl. pl. Bouquet, a dwarf and compact growing Brompton stock of carmine-rose color.

*Impatiens balsamina* fl. pl. Goliath, three new distinct colors white, scarlet and violet of vigorous growth attaining a height of about four feet.

*Aster chinensis* fl. pl. Unicorn, of pink, crimson and flesh color, with long narrow petals curled in the centre.

*Felicia* (Agathaea) petiolata, a plant with pendulous, slender stems two to three yards long covered with rosy-purple flowers. It thrives well in rockeries.

*Trichostema purpurea*, a plant that forms a fine foliated bush one to two feet high covered with beautiful carmine-pink buds and flowers all the summer and fall.

*Viola tricolor maxima* Fala, new large flowering pansies with undulated petals of rarest colors.

### The State Testing Seed.

L. Davies, the Washington state dairy and food commissioner will institute a campaign against poor and adulterated seeds. Legislative funds having been provided, a testing station will be established, and an expert engaged to do the testing. Samples of seeds will be collected and persons selling seeds not up to standard will be prosecuted.



# W.J. Eldering & Son

WHOLESALE BULB GROWERS

**Overveen, Haarlem, Holland**

**Headquarters for High Grade Hyacinths, Tulips, Narcissi**

## Quality With Fair Prices

We ship first quality Holland Bulbs to the American Trade. That is the sole basis of the continuous and ever increasing patronage of the most critical, high-class American buyers, covering many years.

Our Mr. G. C. Eldering is now at the Hotel Saville, Madison Ave. and 29th St., New York, prepared to book orders for the best stocks at most reasonable figures, to the trade only.

### S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**

Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

*Please mention the American Florist when writing*

### Contract Seed Growers

**Specialties:** Pepper, Egg Plant, Tomato,

Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Son,**

PEDRICKTOWN, N. J.

*Mention the American Florist when writing*

### Waldo Rohnert

GILROY, CAL.

**Wholesale Seed Grower,**

**Specialties:** Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

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### J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

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GET QUOTATIONS FROM

### LANDRETH

SEEDS which SUCCEED

Bloomsdale  
Farm.

**Bristol, Pa.**

## Lilium Harrisii



**[1]** HERE are conditions, and they occur not infrequently, under which all lily bulbs fail to make good flowering plants. There may be, probably are more difficulties attending the growing of Lilium Harrisii bulbs than most forcing varieties and yet

those who do them well have found the early blooms very profitable. In many parts of the south where this bulb has been grown over a longer season and without the overforcing sometimes imposed on the plants, Harrisii has given most satisfactory returns. We are contracting subject to crop conditions a select strain of

### Well Grown Bulbs of Lilium Harrisii

Sizes: 5 to 7, 6 to 7, 7 to 9,  
and upwards.

**WRITE FOR OUR  
Import List for Florists  
NOW READY**

**All Lily Bulbs  
from all the World  
at right prices.**

**VAUGHAN'S SEED STORE,  
NEW YORK. CHICAGO.**



**Florists and Seedsmen—Scratch or Poultry Food**  
 Sell Your Own  
 We will make it for you, under your own brand, for \$28.00 per ton. Send today for sample 100 lb. bag, \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
**J. BORGIANO & SON, Importers and Wholesalers**  
 (Established for 92 years). Baltimore, Md.

Mention the American Florist when writing

## ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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## ROEMER'S Superb Prize PANSIES

The finest strain of Pansies in the World, Introduced and Grown of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

**FRED. ROEMER, Seed Grower, Quedlinberg, Germany.**

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## Asparagus PlumosusNanus SEED

Fresh, true to name and highest germination, \$2.25 per 1000.

**Drake Point Greenhouses, YALAH, FLORIDA.**

Mention the American Florist when writing

## Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

Mention the American Florist when writing

ESTABLISHED IN 1824.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., bet. Broadway and 4th Ave., **New York**

Telephone 4235 Gramercy.

Mention the American Florist when writing

## Turnip Seeds For Present Del. very.

We can offer: Early Purple-top Striped-leaf, Early Purple-top Globe, Green-top and Purple-top Yellow Aberdeen, Amber Globe, Sweet German, Purple-top Mammoth, Lines Red Globe Grey-stone, Imperial Green Globe, Red Milan and American Purple-top Rutabaga. Ask for prices.

**W. W. JOHNSON & SON, Ltd., Boston, ENGLAND**

Mention the American Florist when writing

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of **Peas, Beans and famous Sweet Corn.** Introducers of the **White Mexican Sweet Corn.**

Mention the American Florist when writing

# SEVEN TOP TURNIP

Originally introduced by us from South Carolina in 1850 and annually grown for over sixty years under the zero winter temperature of Bloomsdale Farms, the **Landreth's strain of Seven Top** has obtained, by this northern culture, a hardiness not approached by southern-grown seed. All inferences would point that way, while thousands of experiments have conclusively proven it beyond a shadow of doubt; consequently one pound of **Landreth's Seven Top** will, in the dead of winter, produce more greens than can be cut from three times the more delicate southern-grown Seven Top.

Write us how much you want, and we will name you a price.

**D. LANDRETH SEED COMPANY, Bloomsdale Farms, Bristol, Pa.**

Mention the American Florist when writing

# JAPANESE LILIES.

## Lil. Formosum.

|                    | Per 1000 | Per 10,000 |
|--------------------|----------|------------|
| 5 - 6-in. Clr..... | \$10 00  | \$90 00    |
| 6 - 7 " .....      | 16 00    | 130 00     |
| 7 - 8 " .....      | 26 00    | 230 00     |
| 8 - 9 " .....      | 38 00    | 350 00     |
| 9 - 10 " .....     | 50 00    | 460 00     |

Price f. o. b. ROBE

We are one of the growers and exporters of Japanese Lilies, and are in a position to supply best quality at the lowest market rates.

Write for catalogue of Japanese Bubs, Plants and Seeds.

## THE NIPPON ENGEI KAISHA, Ltd.

(The Japanese Horticultural Co., Ltd.)

P.O. BOX 1

**IKEDA, SETISU, Japan.**

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# SEED PACKETS

We manufacture a full line of

## Packets for the Seed Trade

Packets sufficiently transparent for mailing.

WRITE FOR SAMPLES AND PRICES.

**THE BROWN BAG FILLING MACHINE CO., Fitchburg, Mass.**

Mention the American Florist when writing

## FROM SUNNY SPAIN

**Specialties:** Onions, Peppers, Early Tomato Cauliflowers, Beans 97 varieties, Melons, Celery, Egg Plants.

**SEEDS:** Grown on contract for the United States Seedsmen by

**Federico G. Varela, Teneriffe, Canary Islands; Enquiries requested: I do not supply growers direct.**

## Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 2 1/2-inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.

Katalog for the asking.



**Skidelsky & Irwin Co.**

1215 Betz Bldg., Philadelphia, Pa.

## Asparagus Sprengeri

3 in., \$3.50 per 100.

**Dracena Ind., 2 in., 2c; 2 1/2 in., 2 1/2c; 3 in., 3c**  
**Cannas, Egandale, Marlborough, \$1.50 per 100**  
**D. Harum, 2.00 per 100**

**J. H. DANN & SON, Westfield, N. Y.**

## TUBEROUS ROOTED BEGONIAS

In four separate colors. White, Scarlet, Yellow, Pink.

|             | 100    | 1000    |
|-------------|--------|---------|
| Single..... | \$2 00 | \$18 00 |
| Double..... | 4 00   | 38 00   |

## Lily Bulbs

|                                | Per 100 |
|--------------------------------|---------|
| Lil. Auratum, 9 to 11.....     | \$ 8 00 |
| Lil. Album, 8 to 9.....        | 7 50    |
| Lil. Album, 9 to 11.....       | 10 00   |
| Lily of the Valley clumps..... | 20 00   |

## Lily of the Valley Pips

International Brand

Medium Grade, per 1000.....\$10 00

**Vaughan's Seed Store, CHICAGO. NEW YORK.**

# Choice Young Rose Stock

|                               |                |                                            |                 |
|-------------------------------|----------------|--------------------------------------------|-----------------|
| 500 Perles, 4-in. pots.....   | Per 100 \$8.00 | 3,000 Grafted Maryland, 3-in. pots.....    | Per 100 \$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00           | 1,000 Grafted Maids, 3 and 4-in. pots..... | 12.00           |

## Bassett & Washburn

Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

### Smith's Chrysanthemums

#### WEEKLY BULLETIN.

Fine stock ready for immediate delivery. Not less than 25 of a kind at 100 and 250 at 1000 rate. The flowering season is in the order given, beginning with the earliest.

| WHITE                        |                |              |
|------------------------------|----------------|--------------|
| Polly Rose.....              | Per 100 \$3.00 | 1000 \$25.00 |
| Ivory.....                   | 3.00           | 25.00        |
| Beatrice May.....            | 4.00           | 35.00        |
| Clementine Touse.....        | 3.00           | 25.00        |
| Indiana.....                 | 4.00           | 35.00        |
| Miss Clay Clark.....         | 4.00           | 35.00        |
| Pres. Taft.....              | 4.00           | 35.00        |
| Mrs. Wm. Arnold.....         | 3.00           | 25.00        |
| Mlle. Margaret Desjouis..... | 3.00           | 25.00        |
| Lynwood Hall.....            | 4.00           | 35.00        |
| Convention Hall.....         | 4.00           | 35.00        |
| Tim. Eaton.....              | 3.00           | 25.00        |
| W. H. Chadwick.....          | 4.00           | 35.00        |
| White Helen Frick.....       | 5.00           | 45.00        |
| Yanoma.....                  | 3.00           | 25.00        |
| Jeanne Nonin.....            | 3.00           | 25.00        |

| YELLOW                 |      |       |
|------------------------|------|-------|
| Golden Glow.....       | 3.00 | 25.00 |
| Yellow Oct. Frost..... | 4.00 | 35.00 |
| Comoleta.....          | 3.00 | 25.00 |
| Yellow Ivory.....      | 4.00 | 35.00 |
| Donatello.....         | 5.00 | 45.00 |
| Crocus.....            | 3.00 | 25.00 |
| Dolly Dimple.....      | 4.00 | 35.00 |
| Yellow Eaton.....      | 3.00 | 25.00 |
| Mrs. W. E. Kelley..... | 4.00 | 35.00 |
| Major Bonaffant.....   | 3.00 | 25.00 |
| Golden Chadwick.....   | 5.00 | 45.00 |
| Yellow Jones.....      | 3.00 | 25.00 |
| Nagoya.....            | 4.00 | 35.00 |

| PINK                      |      |       |
|---------------------------|------|-------|
| Glory of Pacific.....     | 3.00 | 25.00 |
| Pacific Supreme.....      | 3.00 | 25.00 |
| Gloria.....               | 3.00 | 25.00 |
| Pink Ivory.....           | 3.00 | 25.00 |
| Mrs. Wm. Wincott.....     | 3.00 | 25.00 |
| Vivian Morel.....         | 3.00 | 25.00 |
| Dr. Enguehard.....        | 3.00 | 25.00 |
| Patrice.....              | 4.00 | 35.00 |
| Mayor Weaver.....         | 3.00 | 25.00 |
| Minnie Bailey.....        | 3.00 | 25.00 |
| Maud Dean.....            | 3.00 | 25.00 |
| Pres. Roosevelt.....      | 4.00 | 35.00 |
| Helen Frick.....          | 3.00 | 25.00 |
| Mlle. Jeanne Rosette..... | 3.00 | 25.00 |

| RED                 |      |       |
|---------------------|------|-------|
| L' Africain.....    | 4.00 | 35.00 |
| Intensity.....      | 4.00 | 35.00 |
| John Shrimpton..... | 4.00 | 35.00 |

Those interested in Anemones, Pompons and Singles will be quoted upon application.

This bulletin will be changed each week to comply with stock on hand. Rooted cuttings will be furnished at 50c per 100. \$5.00 per 1000, less than prices quoted above.

Elmer D. Smith & Co., Adrian, Mich.

## ROSES

Surplus Stock

Killarney and White Killarney

From 2½-in. pots, fine color, stock ready to ship,

\$6.00 per 100; \$50 per 1000

J. J. CURRAN, Supt. Castle Grove Greenhouses.  
DANVILLE, PENN'A

## A. N. PIERSON, Inc.

Cromwell, Conn.

### ROSES

It Will Pay You to Buy

Killarney, White Killarney,  
My Maryland, Bride,  
Bridesmaid.

Prince de Bulgarie

The money maker for summer, fall and spring. Per 100 1000  
Grafted.....\$20.00 \$180.00  
Own root.....15.00 120.00

Selected grafted plants, ready for shipment, \$15.00 per 100; \$120.00 per 1000.

Double Pink Killarney,  
Mrs. Aaron Ward, Radiance

ORDER AT ONCE

### ASPARAGUS HATCHERII

The variety that will increase your revenue. It will make more green to the square foot than anything you could grow. Selected plants, from 2½-in. pots, ready for larger pots or for planting, \$15.00 per 1000.

### ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 2-in. pots, \$6.00 per 100, \$50.00 per 1000

## The Phoenix Nursery Co.

BLOOMINGTON, ILLINOIS

Offers the following for immediate shipment:

ROSES from 4-inch pots, \$7.50 per 100; \$60.00 per 1000:

700 Bride, 200 Chateaufort, 50 Queen Scarlet, 300 Richmond,  
400 Bridesmaid, 300 G. Gate, 75 Ivory, 150 Hermosa.

ROSES from 3-inch pots, \$5.00 per 100; \$35.00 per 1000:

900 Bride, 350 Golden Gate, 100 Richmond, 75 Mrs. De Graw,  
700 Bridesmaid, 50 Queen Scarlet, 150 Hermosa, 550 Gruss an Teplitz,  
400 Chateaufort, 300 Ivory, 350 D. De Brabant, 100 D. De Brabant.

ROSES from 2-inch pots, \$2.50 per 100; \$20.00 per 1000:

300 Bride, 800 Bridesmaid, 250 G. Gate, 100 Gruss an Teplitz, 100 Richmond.

700 Centaurea Gymnocarpa (Dusty Miller), from 2-in. pots.....\$2.00 per 100  
750 Vinca Major Variegata, 2-in. pots.....3.00 per 100  
3,600 Coleus, assorted colors, 2½-in. pots.....2.00 per 100  
750 Alternanthera, Red, 2-in. pots.....2.00 per 100  
200 " Yellow, 2-in. pots.....2.00 per 100

Write for our Lists of

### Soft Wooded Plants

ROSES, CANNAS and DECORATIVE PLANTS for stores.

GEO. A. KUHL, Pekin, Ill.

### Surplus Stock

Can be disposed of by advertising. Try it....

This Size "Ad." Costs Only \$1.00.

AMERICAN FLORIST CO., CHICAGO.



## Market Gardeners

### Vegetable Growers' Association of America.

B. L. Watts, State College, Pa., President;  
H. P. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 503 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Kusienik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

DURING the first three months of this year 141 carloads of tomatoes and green vegetables were exported from the frontier post of Nogales, Mexico, to the United States, says Consul A. V. Dye. The greater part were sent to Chicago with large shipments to Kansas City and St. Louis as well as the Pacific coast.

### Preventing Onion Smut.

The Ohio Experiment Station issues a leaflet on onion smut. This is a disease spread by spores which attack the plant just after germination. These spores are carried from one season to another in the ground. Onion seedlings started under glass or sets grown in clean soil are not affected by the disease. The Ohio Station finds that a solution of one pound of formaldehyde in 25 to 33 gallons of water will prevent the smut. A "drip attachment" is used on the seed drill which drops the solution along the drill as the seed is planted. Several manufacturers make this drip attachment for onion seeders. The Station Bulletin says:

"Homemade attachments may be made from empty syrup cans inverted, using a perforated rubber stopper in the outlet, connected by suitable rubber tubes with a drawn glass tube point at the end of each. This rubber tube will require a pinch cock to shut off the flow, and the point will need to be set so that the solution falls with the seed before the earth covers it over. The profits from smut treatment where any disease exists are very great, and for this reason the Experiment Station recommends it most strongly."

### Spraying Tomatoes.

The tomato is subject to attack by several diseases, the one most prevalent and widely distributed in Illinois is the leaf spot, often called rust. This disease is especially destructive in the southern part of the state, and its presence may be recognized by the appearance of small circular brown spots upon the lower leaves. The infection gradually progresses upward on the plant, the leaves dying in the order of their infection as the season advances. In severe cases the leaves die more rapidly than new foliage is formed and plants produce unmarketable fruit. On account of the prevalence of this disease the Experiment Station of the University of Illinois has experimented to determine the value of spraying as a means of control. In all spraying Bordeaux mixture was used with a barrel hand pump and when tomato worms appeared Paris green was added to the mixture.

The date of the first application varied from May 16 to June 12, the disease having usually appeared before the first application was made. The plants sprayed every two weeks

throughout the season received six applications, those sprayed until the beginning of the shipping season and those sprayed every four weeks throughout the season, three applications, and the plants sprayed until staked two applications. The effect of the spraying was very marked, the progress of the disease being checked in proportion to the amount of spraying. Unsprayed plants lost much of their foliage early and were bare almost to their tips at the close of the shipping season, while the sprayed plants retained their foliage in varying amounts. Although all the plants lost some foliage at the base those sprayed regularly and often retained sufficient foliage to properly mature their fruit, and were still producing blossoms and green fruit at the close of the shipping season.

The effect of the spraying was further shown by the yield of fruit. Early in the season the unsprayed plants often produced more fruit than those which had been sprayed, but the sprayed plants produced much higher total yields for the entire season. As far as extra early tomatoes are concerned there is, on the average, no

### VEGETABLE PLANTS.

**Cabbage**, Wakefield. All Head. Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.  
**Lettuce**, Grand Rapids. Big Boston. Boston Market and Tennis Ball. \$1.00 per 1000; 10,000 and over 85c per 1000.  
**Celery**, White Plume. \$1.00 per 1000.  
**Beet**, Crosby. Egyptian and Eclipse. \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

benefit to be derived from spraying, but when total yields are considered the sprayed plants so far outstrip the unsprayed as to completely overcome the slight advantage of the unsprayed plants in reference to early fruit.

The experiments indicate that it is possible to control the leaf spot by spraying and that the control of this disease does not usually increase the yield of extra early fruit, but very materially increases the total yield during the normal shipping season.



Watch for our Trade Mark stamped on every brick of Lambert's

**Pure Culture Mushroom Spawns**

Substitution of cheaper grades is as easily exposed. Fresh sample ick with illustrated book, mailed sipaid by manufacturers upon receipt of 40 cents in postage. Address

Trade for American Spawns Co., St. Paul, Minn  
Mention the American Florist when writing

## Success In Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

**AMERICAN FLORIST CO.,**  
440 S. Dearborn St., Chicago.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all  
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettucens, Onions, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.  
**I ALSO GROW LARGELY SEEDS ON CONTRACT.**

Our Splendid 1910 Novelty

## "Copenhagen Market"

Earliest Large-headed and Equal  
Maturing Cabbage in Existence.

N. B.—Not obtainable from any other  
Danish grower.

**Hjalmar Hartmann & Co., Copenhagen, Denmark**

Seed Growers for the Wholesale Trade ONLY

First Danish firm who called personally on the U.S.A. and Canadian seed trade.

Contract Now for 1911 Crop

## Cauliflower SEED and Cabbage SEED

Largest acreages and finest stocks  
in Denmark.

Now is the Time to Order Your

# BOXWOODS

We have an exceptionally fine stock in the following sizes:

## OBELISK.

5 feet high, 18 inch bottom  
measure.....\$12.00 each

## Globe Shaped.

Each  
15 to 18-inch top, 15 to 18 inches  
high.....\$1.00  
22 to 24-inch top, 24 inches high  
..... 7.00

## Pyramids.

Each  
2½ to 3 feet high.....\$2.50  
3 to 3½ feet high..... 5.00  
3½ to 4 feet high..... 4.00  
4 to 5 feet high..... 5.00  
5½ feet high..... 8.00  
6 feet high..... 9.00

## Bush Shaped.

12 to 18 inches high.....\$ .35  
24 to 30 ins. high, 18-12 ins. across top..... 2.00

## Bay Trees

Large stock of Standard and Pyramids. Write for sizes and prices.

## Dracaena Indivisa

3-in. pots \$0.75 per doz. \$ 6.00 per 100  
4-in. pots 1.50 per doz. 12.00 per 100  
5-in. pots 3.00 per doz. 20.00 per 100

6-in. pots.....\$5.00 per dozen  
7-in. pots..... 7.20 per dozen

## Bedding Plants

We have a large stock of the following Ready for Immediate Shipment.

|                          | Each   |                                      | Each |
|--------------------------|--------|--------------------------------------|------|
| Achyranthes, 3-inch..... | \$ .04 | Alternantheras, red and yel-         |      |
| Ageratum, 4-inch.....    | .08    | low, 2-inch.....                     | .02  |
|                          |        | Begonia Vernon, 2-inch.....          | .02  |
|                          |        | Caladium Esculentum, 5-inch.....     | .15  |
|                          |        | Caladium Esculentum, 4-inch.....     | .10  |
|                          |        | CANNAS, Allemania, Austria,          |      |
|                          |        | Chicago, Egandale, David Harum,      |      |
|                          |        | Henderson, Patry, Shenandoah,        |      |
|                          |        | Souvenir d' Antoine Crozy, Flor-     |      |
|                          |        | ence Vaughan, Wyoming, 4-inch,       | .08  |
|                          |        | Castor Beans, 4-inch.....            | .08  |
|                          |        | Celosia, 3-inch.....                 | .04  |
|                          |        | COBEAS, 4-inch.....                  | .10  |
|                          |        | Coleus Pfister (Yellow), 3-inch...   | .04  |
|                          |        | Coleus Pfister (Red), 3-inch.....    | .04  |
|                          |        | Coleus Verschaffeltii, 3-inch.....   | .04  |
|                          |        | Coleus Golden Bedder, 3-inch.....    | .04  |
|                          |        | Daisy (Bellis Perennis).....         | .02  |
|                          |        | Fuchsia, 4-inch.....                 | .08  |
|                          |        | GERANIUMS, 4-inch Extra strong       | .08  |
|                          |        | \$10 00 per 100                      |      |
|                          |        | Mme. Sallerol, 2-inch.....           | .03  |
|                          |        | Mme. Sallerol, 3-inch.....           | .05  |
|                          |        | English Ivy, 4-inch per doz., \$2 40 |      |
|                          |        | Ivy Geraniums, 3-inch.....           | .04  |



|                                    | Each   |
|------------------------------------|--------|
| Ivy Geraniums, 4-inch.....         | \$ .08 |
| Rose Geraniums, 4-inch.....        | .10    |
| Lobelia, (Dwarf), 2-inch.....      | 2½     |
| Lobelia, (Tall), 2-inch.....       | 2½     |
| Marguerites, (White), 4-inch       |        |
| .....\$ .08 and 10                 |        |
| Marguerites, (Yellow), 4-inch..... | .12    |
| Nasturtiums, 3-in.....             | .05    |
| Petunia (single), 3-inch.....      | .04    |
| Petunia, 4-inch.....               | .08    |
| SALVIA, 4-inch.....                | .08    |
| SALVIA, 3-inch.....                | .05    |
| Sweet Alyssum, 2-inch.....         | 2½     |
| Stocks, 4-inch.....                | .08    |
| Thunbergia Vines, 3-inch.....      | .04    |
| Verbena, 3-inch.....               | .04    |
| Vincas, variegated, fine stock,    |        |
| 4-inch.....\$2 00 per doz.         |        |
| Extra strong..... 2 50 per doz.    |        |
| Grave Myrtle, (Vinca Minor),       |        |
| 2-inch.....                        | 2½     |
| Grave Myrtle, (Vinca Minor),       |        |
| 3-inch.....                        | .04    |
| Zinnia, 3-inch.....                | .04    |

# THE GEO. WITTBOLD CO.

739 Buckingham Place,  
CHICAGO.



## The Nursery Trade

**American Association of Nurserymen**  
W.P. Stark, Louisiana, Mo., President;  
E.S. Welch, Shegandosh, Ia., Vice-Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

VISITED CHICAGO: Jacs Smits, represent-  
ing Jacs Smits & Co., of Naarden,  
Holland.

THE next meeting of the American  
Peony Society will be held at Horticultu-  
ral Hall, Broad street, Philadelphia,  
Wednesday and Thursday, June 14-15,  
1911.

THE Planters' hotel is but two short  
blocks from the headquarters selected  
by the American Association of Nurf-  
erymen for the convention to be held  
June 14-16. The reputation of this old  
and established hostelry is known  
throughout the land.

IN the protests of William Elliott &  
Sons of New York and of J. W. Adams  
& Co. of Springfield, Mass., merchan-  
dise classified as nursery stock was  
held free of duty as evergreen seed-  
lings as claimed by the importers, and  
the protests sustained.

### Arnold Arboretum Bulletins.

The Arnold Arboretum is issuing a  
series of bulletins for the purpose of  
informing persons who may be inter-  
ested to know when the trees and  
shrubs in the arboretum are in bloom.  
During the spring and autumn these  
will probably be issued weekly, and  
from time to time during the remain-  
der of the year when the necessity for  
them exists. They contain descrip-  
tions of many of the rare trees and  
shrubs to be found in this noted ar-  
boretum and copies will be mailed  
without charge to any one interested  
in them and their cultivation who de-  
sire to receive them. The bulletins so  
far issued treat of the magnolias, prun-  
us, malus, pyrus, ribes, loniceras, sy-  
ringas, rhododendrons and many new  
and rare flowering trees and shrubs.

### American Association of Nurserymen.

The annual convention of the Ameri-  
can Association of Nurserymen will  
convene at the Southern hotel, St.  
Louis, Mo., on Wednesday, June 14, at  
9 a. m., the sessions of the first day,  
morning and evening, including the  
president's address and reports of com-  
mittees and the meetings of the Pro-  
tective Associations. On Thursday  
morning the following papers will be  
read: "The Nurserymen and the Entom-  
ologist," by Prof. S. J. Hunter, Law-  
rence, Kans.; "Spring versus Fall  
Planting of Fruit Trees," Dr. J. C.  
Whitten, Columbia, Mo.; "Ethics of Our  
Business," Harlan P. Kelsey, Salem,  
Mass.; "Fraternity Among Nursery-  
men," Chas. T. Smith, Concord, Ga.;  
"Standardization of Grades," W. J. Ma-  
loney, Dansville, N. Y., E. P. Barnardin,  
Parsons, Kans.; "Standardization of  
Prices at Wholesale," T. J. Smith, Cen-  
eva, N. Y.; "Standardization of Prices  
at Retail," Abner Hoopes, West  
Chester, Pa.; "Should Large Buyers  
Not in the Trade, Parks, Cemeteries,  
Public Institutions, etc., Be Given  
Trade Prices?" Thomas B. Meehan,  
Dresher, Pa., William Pitken, Roch-

ester, N. Y. At the session on Friday  
morning, June 16, the following papers  
will be read: "How to Extend Our  
Wholesale Markets," E. S. Welch, She-  
gandosh, Ia.; "How to Extend our Re-  
tail Markets," J. M. Pitken, Newark, N.  
Y., F. H. Stannard, Ottawa, Kans.;  
"Our Mailing Lists—Who Are Entitled  
to Trade Lists," E. W. Kirkpatrick,  
McKinney, Tex., Jim Parker, Tecum-  
seh, Okla.; "Our Mailing Lists—Should  
They Be Classified?" C. J. Malloy,  
Rochester, N. Y., A. J. Robinson, Bed-  
ford, Mass.; "Our Mailing Lists—How  
Best Kept Up-to-Date," C. J. Brown,  
Rochester, N. Y.

The afternoons will be in charge of  
the entertainment committee and in-  
clude a visit to the Missouri Botanical  
Gardens and a trip on the steamer  
Alton on the Mississippi River to Jef-  
ferson barracks.

### Minneapolis Parks.

The twenty-eighth annual report of  
the Board of Park Commissioners of  
Minneapolis, Minn., for the year 1910  
is a beautiful volume of 150 pages  
bound in linen describing the work  
carried on during the year in the  
beautiful system of parks and play-  
grounds of the city, which comprise  
over 3,000 acres. The report of Super-  
intendent Wirth is very complete fully  
covering the work performed and de-  
scriptions of the several beauty spots,  
and clear and concise recommenda-  
tions of the work required in the com-  
ing year. The planting during the  
year required 135,396 bedding plants,  
41,570 trees and shrubs. The volume  
is replete with fine half-tones of the  
parks and playgrounds and descriptive  
maps of the immense amount of work  
done in the large park system.

### Ornamental Crabs.

Standard crab trees planted in a  
double line on the grass form pleasant  
shaded walks in the summer time, and  
in the spring and autumn are alight  
with flower and brightness of their  
fruits. The species vary considerably  
in size and habit, some attaining a  
height of 30 feet or more, and forming  
large heads, while others rarely exceed  
the dimensions of a low bush. Many  
when mature have a tendency to  
droop, and there are two or three that  
are of a true, weeping habit, and  
which have a charming effect when  
growing in an isolated position on a  
lawn. To be seen at their best the  
crabs should be grown in a situation  
where they have the full benefit of the  
sun, for it is only when they receive  
an ample supply of sunshine that their  
fruit colors to perfection. Soils also  
have a considerable effect on the hue  
that the fruit assumes, those heavily  
impregnated with iron generally pro-  
ducing highly-colored fruit, while  
sandstone has a somewhat similar ef-  
fect. On soil of a different nature the  
fruit may be less brilliant in tint in  
spite of continual sunshine and care-  
ful cultivation.

During recent years, says a writer  
in the "Morning Post," several hand-  
some species have found their way  
into this country from China and  
Japan, and from British and American  
nurseries many others have come  
into commerce. Of all of these, how-  
ever, none can rival the newly-intro-  
duced *Pyrus Medwietzkiana*, or *Pyrus*  
*Niedzwetzkiana* as it is sometimes

called, which was imported from the  
Caucasus in 1891, as the rich crimson  
of its flower-clusters, recalled in the  
autumn by the intense color of its  
fruits, make it one of the most distinct  
and beautiful of ornamental crabs.  
Among the many species differing in  
habit, form and attractiveness it is  
not so easy to select those best fitted  
for any given purpose without a long  
and careful personal study of the fam-  
ily, but it may be said that for group-  
ing in woodland glades or in the open  
vistas of the wild garden the forms of  
*Pyrus baccata* and *P. prunifolia* are  
the most valuable, or if smaller speci-  
mens are required, the Chinese flower-  
ing crab, *P. spectabilis*, the Garland  
crab, *P. coronaria*, and Hall's crab, *P.*  
*Malus Halliana*, will prove useful.—  
Journal of Horticulture.

## Jacs Smits & Co., NAARDEN, (Holland).

Ascleas, (hardy), Berried Plants, Bleeding  
Hearts, Blue Spruces, Boxwood, Clematis, Clim-  
bing Plants, Conifers, Evergreens, Funkias in  
sorts, Hydrangea P. G., Japan Maples, Peonies,  
Pot-grown Plants, (Lilacs a specialty), Rhodo-  
dendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

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## Alternantheras....

Strong, well rooted cuttings: the kind that will  
please you.  
F. Major, red, 50c per 100; \$4.00 per 1000. A.  
Nana, yellow, 50c per 100; \$4.00 per 1000. Bri-  
lliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa

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## Arbor Vitæ

(*Thuja Occidentalis*.)

A splendid stock of 3 to 4 ft. and 4 to  
5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co.,  
MORRISVILLE, PA.

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## DAHLIA ROOTS

Whole Field Clumps, at \$5.00 per 100 and up;  
1000 in 10 distinct kinds, either show, decorative  
or Cactus, our selection of kinds for \$40.00. Cash.  
Canna Roots, Strong division, at \$2.00 per 100.  
\$12.00 per 1000 and up. Send for list.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

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## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

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Nurserymen and Florists

BLOOMINGTON, ILLINOIS

Send list oftentimes for prices.

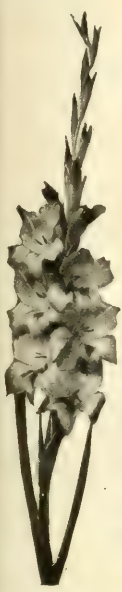
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W. Van Kleef & Sons,  
Wholesale Growers of Nursery Stock  
Boskoop, Holland.

Beg to announce that their Mr. W. Van Kleef, Jr., is  
again in America calling on the trade. Please ask our  
prices before placing your esteemed Import Orders  
elsewhere; they will certainly interest you.  
Address all Correspondence until June 1st  
Care MALTUS & WARE, 14 Stone Street, NEW YORK  
CATALOGUES FREE FOR THE ASKING.

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### THE BOOK OF GLADIOLUS

The first authoritative  
book on this bulb  
ever printed in Amer-  
ica, or possibly the  
world, issued April 1,  
1911. This 120 page  
book, written by Mat-  
thew Crawford and  
Dr. Van Fleet, con-  
tains many chapters  
covering all sides of  
growing, propagating,  
storing, etc., and also  
some pages of valuable  
cultural notes gath-  
ered from reliable  
sources. A necessity  
for both amateur and  
grower. The book is  
bound in cloth and  
fully illustrated.

PRICE, POSTPAID, \$1.25.

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Special

|                                    |                          |         |         |
|------------------------------------|--------------------------|---------|---------|
| Best Early White Oct. Frost.....   | R. C. 2 1/2 in. Per 1000 | \$25 00 | \$30 00 |
| Best Early Yellow Golden Glow..... | 25 00                    | 30 00   |         |

Large Stock. Time to Plant Now.

|                         |               |                    |
|-------------------------|---------------|--------------------|
| WHITE                   | R. C. per 100 | 2 1/2 in. Per 1000 |
| Virginia Poehlmann..... | 100           | 100                |
| Robinson.....           | 2 50          | 20 00              |
| Clementine Touse.....   | 2 50          | 20 00              |
| Alice Byron.....        | 2 50          | 20 00              |
| Timothy Eaton.....      | 2 50          | 20 00              |
| Fres. Roosevelt.....    | 3 00          | 25 00              |
| YELLOW                  | R. C. per 100 | 2 1/2 in. Per 1000 |
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| Golden Chadwick.....    | 3 00          | 25 00              |
| PINK                    | R. C. per 100 | 2 1/2 in. Per 1000 |
| McNiece.....            | 2 50          | 20 00              |
| Maud Dean.....          | 2 50          | 20 00              |
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| RED                     | R. C. per 100 | 2 1/2 in. Per 1000 |
| Schrimpton.....         | 3 00          | 25 00              |
| Intensity.....          | 2 50          | 20 00              |

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Morton Grove, Ill.

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# Roses

For Nursery Planting  
From 2 1/2-in. pots.

After providing for our own requirements, we find we have these Roses in  
surplus; they are exactly the same grade and quality that we plant ourselves.

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|                                                                                                                                                                                                                 |         |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| 5,400 VEILCHENBLAU. The famous Blue Rambler.....                                                                                                                                                                | Per 100 | Per 1000 |
| 3,500 WHITE DOROTHY PERKINS. As indicated by the name a pure white form of our<br>well-known Dorothy Perkins. The only really good White Rambler with all<br>the good points of the older variety retained..... | \$6 00  | \$50 00  |
| 1,000 GOLDFINCH. A new Yellow Rambler from Paul & Son.....                                                                                                                                                      | 6 00    | 50 00    |
| 1,000 MISS MESSMAN. Climbing Baby Rambler. One of the last season's new roses; is<br>apparently everything the name indicates: a climber with the bloom and bloom-<br>ing habit of Baby Rambler.....            | 5 00    | 40 00    |
| 1,000 MRS. FLIGHT. One of the new Pink Ramblers. Large flowers, more on the order<br>of Tauesendachon.....                                                                                                      | 20 00   |          |
| 1,500 FLOWER OF FAIRFIELD. The everblooming Crimson Rambler. Already too<br>well known to require description beyond that of the name itself.....                                                               | 6 00    |          |
| 2,700 ALBERIC BARBIER. Barber's best Yellow Hybrid Wichuriana; good grower<br>simple foliage, blooms of good size and substance and yellow.....                                                                 | 10 00   | 85 00    |
| 750 JESSIE. Merryweather's new Baby Rambler; bright lively red, nearer scarlet than<br>crimson, never showing the bluish tinge that the Baby Rambler shows with age.....                                        | 6 00    | 50 00    |

### Ramblers and Climbers

|                                                                                                                             |         |         |
|-----------------------------------------------------------------------------------------------------------------------------|---------|---------|
| 450 LADY GAY. Walsh's pink seedling from Crimson Ram-<br>bler.....                                                          | Per 100 | 10 00   |
| 1,800 CRIMSON RAMBLER.....                                                                                                  | \$3 00  | \$25 00 |
| 10,000 TAUESENDACHON.....                                                                                                   | 3 00    | 25 00   |
| 600 MINNEGABA.....                                                                                                          | 3 00    | 25 00   |
| 1,000 HELENE. Violet-rose.....                                                                                              | 3 00    | 25 00   |
| 1,550 WHITE RAMBLER.....                                                                                                    | 2 75    | 22 50   |
| 2,200 YELLOW RAMBLER.....                                                                                                   | 3 00    | 25 00   |
| 5,000 HIAWATHA.....                                                                                                         | 3 00    | 25 00   |
| 1,700 PHILADELPHIA RAMBLER.....                                                                                             | 3 00    | 25 00   |
| 3,350 TRIER RAMBLER. Lambert's<br>new seedling Yellow Ram-<br>bler; an everbloomer, strong<br>grower; absolutely hardy..... | 3 00    | 25 00   |

### Dwarf Polyantha or "Baby" Roses

|                                                                                                          |        |         |
|----------------------------------------------------------------------------------------------------------|--------|---------|
| 1,500 BABY RAMBLER.....                                                                                  | \$4 00 | \$30 00 |
| 1,700 PINK BABY RAMBLER.<br>(Baby Dorothy Perkins).....                                                  | 4 00   | 30 00   |
| 2,200 MRS. CUTBUSH.....                                                                                  | 4 00   | 30 00   |
| 2,100 WHITE RAMBLER, NOT<br>Catherine Zeineth, but the<br>Vaughan variety, superior<br>in every way..... | 3 50   | 27 50   |
| 250 LEONE LAMESCH.....                                                                                   | 4 00   |         |

### Miscellaneous

|                                    |         |         |
|------------------------------------|---------|---------|
| 800 BRIDE.....                     | Per 100 | 10 00   |
| 1,600 GOLDEN GATE, Yellow Tea..... | \$3 00  | \$25 00 |
| 200 UNCLE JOHN.....                | 3 00    | 25 00   |

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Rose Growers and Nurserymen, NEWARK, Wayne County, NEW YORK

## Seasonable Stock

Rhododendrons, best named varieties, 18-24  
in., \$75.00; 24-30 in., \$100.00 per 100.

Nephrolepis Bostoniensis, fine 2 1/2-in. stock  
\$4.00 per 100; 3 in., \$7.00 per 100.

Nephrolepis Scottii, strong 4 in., \$25.00 per 100.

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pink, white, red and yellow, \$3.00 per 100.

Geraniums, 50 varieties, 2 1/2 in. pots, \$2.50  
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Asparagus Sprengeri, 5-in. pots, 18-in. tops,  
\$15.00 per 100.

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Dahlias, pot plants, 50 best varieties, includ-  
ing A. D. Lavoai, Arabella, Clifford W.  
Bruton, Countess of Lonsdale, Perle Pink,  
Perle Standard Bearer, Strahlen Krone,  
etc. \$4.00 per 100.

Send for Catalog No. 5 if you have not received it.

THE STORRS & HARRISON CO., Painesville, O.

## Alternantheras

|                                                                     |         |      |
|---------------------------------------------------------------------|---------|------|
| Red and Yellow, 2 1/2 in. pots.....                                 | Per 100 | 2 00 |
| Geranium, 6 varieties, 3 in. pots.....                              | 5 00    |      |
| Asp. Plumoseus, 2 1/2 in. pots.....                                 | 2 00    |      |
| Colous, 10 varieties, 2 1/2 in. pots.....                           | 2 00    |      |
| Primoses, July 10.....                                              | 2 00    |      |
| Asparagus Plumoseus Seed, new crop. per 1000, \$2.50; per 100, 50c. |         |      |

## Cannas

|                                    |         |        |
|------------------------------------|---------|--------|
| 10 varieties, 3 1/2 in. pots.....  | Per 100 | \$4 00 |
| King Humbert.....                  | 6 00    |        |
| Salvias, 2 1/2 in. pots.....       | 3 00    |        |
| Asparagus Sprengeri Seedlings..... | 1 00    |        |
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Cash.  
Please,

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in the pink dark class

Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburgh, January, 1910, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000 \$100.00; per 5000 \$400.00, 25 at 100, 250 at 1000 rates. Place your order now to be in on early deliveries.

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Ready for planting in the field; order at once  
Lawson Enchantress at \$1.50 per 100; Admiration  
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Victory and Winona at \$1.75 per 100.

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At the May exhibition, May 20, 1911,  
the following premiums were awarded:

Calceolarias—Six varieties, in pots; E. A. Clark, first. Pelargoniums—Six named show or fancy varieties, in not less than eight-inch pots; William Whitman, first; Mrs. J. L. Gardner, second; William Whitman, third. Six named zonal varieties; Mrs. Winthrop Ames, first. Gratuities—Dr. C. C. Weld, six plants Hydrangea hortensis; E. A. Clark, four Calceolarias; Dr. C. G. Weld, vase of Darwin tulips; George Page, display of Iris Florentina and cut lilacs; Blue Hill Nurseries, collection of lilacs; Mrs. J. L. Gardner, display of orchids; George Page, specimen orchid, Oncidium sphaelatum; E. A. Clark, vase of American Beauty roses; Mrs. E. M. Gill, display of annuals and other flowers; E. A. Clark, tomatoes. Silver medal—A. W. Preston, for specimen hydrangea. First-class certificate of merit—Dr. C. G. Weld, for Laelio-Cattleya hybrid, L.-C. Hyceana, X L.-C. Canhamiana rubra. Cultural certificate—Miss Cornelia Warren, superior cultivation of Cattleya citrina. Honorable mention—R. and J. Farquhar & Co., display of many flowering tulips, lilies and other bulbs; also for Lilium myriophyllum. Vote of thanks—Arnold Arboretum, for display of flowering shrubs.

All plants are quoted  
L. O. D. Western  
Springs.Standard  
Bay**BAY TREES****STANDARD or TREE SHAPED.**

| Stems           | Crowns          | Each    | Pair    |
|-----------------|-----------------|---------|---------|
| 38-40 inch..... | 22-24 inch..... | \$ 6 50 | \$12 00 |
| 42-46 inch..... | 24 inch.....    | 6 75    | 12 00   |
| 45-48 inch..... | 26 inch.....    | 7 50    | 14 00   |
| 45-48 inch..... | 28 inch.....    | 8 00    | 15 00   |
| 45-48 inch..... | 30 inch.....    | 10 00   | 18 00   |
| 46-54 inch..... | 34 inch.....    | 12 00   | 22 00   |
| 46-54 inch..... | 40 inch.....    | 15 00   | 28 00   |

**PYRAMIDAL SHAPED.**

|                                              |         |         |
|----------------------------------------------|---------|---------|
| 5 ft. high, 24-26 inch diameter at base..... | \$ 8 00 | \$15 00 |
| 6 ft. high, 26-28 inch diameter at base..... | 10 00   | 18 00   |

**PYRAMIDAL SHAPED.**

| Box Trees        | Each   | Pair   |
|------------------|--------|--------|
| 2½ ft. high..... | \$2 00 | \$3 75 |
| 3 ft. high.....  | 2 50   | 4 50   |
| 3½ ft. high..... | 3 00   | 5 50   |

If wanted out of tubs we allow  
a 10% discount.**STANDARD or TREE SHAPED.**

|                                     |        |        |
|-------------------------------------|--------|--------|
| 18-26 inch stem, 24-inch crown..... | \$4 50 | \$8 00 |
|-------------------------------------|--------|--------|

**BUSH SHAPED.**

These do not come in tubs

| Each                                      | Dor.   | 100           |
|-------------------------------------------|--------|---------------|
| 12-15 inch high, bushy plants.....        | \$0 35 | \$3 50        |
| 12-15 inch high, 10-12 inch diameter..... | 60     | 6 00          |
| 18 inch high.....                         | 60     | 6 00          |
| 24 inch high.....                         | 10 00  | 10 00         |
| 30 inch high.....                         | 2 50   | Per pair 4 50 |

**Vaughan's Seed Store,**

31-33 Randolph Street, CHICAGO.

25 Barclay Street, NEW YORK.

Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

**ROSES! ROSES! ROSES! Special Own  
Root Stock.****Richmond, American Beauty,**

2¼-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

**Bride, Bridesmaid, Perle, Sunrise, Chatenay,**

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of **CARNATIONS** ready in cuttings or 2¼-inch pots.Send for  
circular.**J. L. DILLON, Bloomsburg, Pa.****Roses** See priced adv.  
page 902, May  
20.**THE LEEDLE FLORAL COMPANY,  
SPRINGFIELD, OHIO.***Mention the American Florist when writing*

READING, PA.—A three days' flower  
show will be held June 8-10 and val-  
uable premiums will be awarded the  
best exhibits.

SAN FRANCISCO, CALIF.—Ornamental  
lamps, with real floral decorations in  
flower boxes suspended midway be-  
tween top and bottom of the lamp  
standards, will be erected on Kearny  
street from Market to Pacific streets.

BLACK HALL, CONN.—The firm of  
Brown & Howard, who recently leased  
the Black Hall Greenhouses, has been  
dissolved, owing to the illness of Mr.  
Brown, who has suffered with sciatica  
for three months and had to relinquish  
business. James F. Barclay formerly  
of Rhode Island has leased the property  
for five years.

**ROSES**

|                                                                          | 2½-in. | 100     | 1000 |
|--------------------------------------------------------------------------|--------|---------|------|
| Pink Killarney.....                                                      | \$6 00 | \$55 00 |      |
| Richmond.....                                                            | 5 00   | 45 00   |      |
| Perles, Ready April 1.....                                               | 5 50   | 50 00   |      |
| Richmond, Now ready                                                      |        |         |      |
| 3½-inch.....                                                             | 8 00   | 85 00   |      |
| Cut back benched Pink Killarney, \$60.00<br>per 1000; good strong stock. |        |         |      |

**POEHLMANN BROS. CO.,  
Morton Grove, Ill.****ROSES****A SPECIALTY.****The Dingee & Conard Co.,****WEST GROVE, PA.***Mention the American Florist when writing*

# BOBBINK & ATKINS

Nurserymen and Florists

**World's Choicest Florist and Nursery Products.**

We are growing in our greenhouses and in our 250-acre nursery a large variety of material constantly in demand by florists. Our New Illustrated General Catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

RUTHERFORD, N. J.

## B. & A. SPECIALTIES

**Palms, Bay Trees, Boxwood and Hardy Herbaceous Plants, Evergreens, Roses, Rhododendrons, Vines and Climbers, Bulbs and Roots, Conifers, Pines,**

We have a quantity of H, T, ROSES in fine assortment of kinds, ask for lists and Prices,

Florists are always welcome visitors to our nurseries.

We are only a few minutes from New York city; Carlton Hill station is the second stop on main line of Erie Railroad.

### Bobbink & Atkins Heart Cypress Tub

We take pleasure in directing the attention of our patrons to our Plant Tub Department. We are now thoroughly well equipped to supply tubs in any quantity, size or shape. Write us for prices on special sizes and shapes.

#### ROUND TUBS. Less 20 per cent to the trade.

|                                |        |                                |        |                                |        |
|--------------------------------|--------|--------------------------------|--------|--------------------------------|--------|
| 10 or 11 in. diam. inside..... | \$1 00 | 20 or 21 in. diam. inside..... | \$4 00 | 30 or 31 in. diam. inside..... | \$7 50 |
| 12 " 13 in. ".....             | 1 50   | 22 " 23 in. ".....             | 4 50   | 32 " 33 in. ".....             | 8 50   |
| 14 " 15 in. ".....             | 2 00   | 24 " 25 in. ".....             | 5 00   | 34 " 35 in. ".....             | 10 00  |
| 16 " 17 in. ".....             | 3 00   | 26 " 27 in. ".....             | 5 50   | 36 " 37 in. ".....             | 12 50  |
| 18 " 19 in. ".....             | 3 50   | 28 " 29 in. ".....             | 6 50   |                                |        |

#### B. & A. SQUARE TUBS, (Mission Finish)

|               |         |         |               |         |         |
|---------------|---------|---------|---------------|---------|---------|
| Inches.       | No. 1   | No. 2   | Inches.       | No. 1   | No. 2   |
| 10 to 12..... | \$ 3 50 | \$ 3 00 | 21 to 22..... | \$ 8 50 | \$ 6 50 |
| 13 to 14..... | 4 50    | 4 00    | 23 to 24..... | 9 50    | 7 50    |
| 15 to 16..... | 5 50    | 5 00    | 25 to 26..... | 12 00   | 8 50    |
| 17 to 18..... | 6 50    | 5 50    | 27 to 28..... | 13 50   | 9 50    |
| 19 to 20..... | 7 50    | 6 00    | 29 to 30..... | 15 00   | 10 00   |

Price No. 1 is for tubs with iron bands and fee for outdoors. Price No. 2 is for tubs with mission finish design.

We manufacture this shape in any size to order. This tub has become very popular. It conforms with all kinds of architecture.

### CHRYSANTHEMUMS.

**WHIT**

R. C. per 100 100)

Linwood Hall.....\$3 00 \$27 50

October Frost, Touset.....2 00 15 00

Chadwick.....2 50 20 00

**YELLOW**

Golden Glow, Monrovia.....\$2 00 15 00

October Sunshine.....2 00 15 00

Col. Appleton.....2 10 15 00

Yellow Eaton.....2 50 20 00

**PINK**

Armoria, Gloria.....\$2 50 20 00

Balfour, Pacific supreme.....2 00 15 00

These quotations are made subject to goods being unsold upon receipt of order.

Thompson Carnation Co.,

JOLIET, ILL.

### GERANIUMS...

Fine, Strong plants, out of 2 1/2-in. \$1.50 per 100; \$12.50 per 1000.

Verbenas, Phlox, Alyssum, in bloom; Dusty Miller, Fuchsias, Asparagus Sprengerii, Smilax, out of 2 1/2-in. \$2.00 per 100; 30) for \$5.00

Cabbage Plants, Lettuce, all kinds, \$1.00 per 100; \$7.50 for 1000.

Tomato and Sweet Potatoes, best varieties, \$1.50 per 100.

Calliflower, Early Snowball, Peppers, \$2.00 per 1000.

J. C. SCHMIDT. Bristol. Pa.

### Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 South Dearborn St., CHICAGO

### A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in. pots, \$2.00; 3 in. \$4.00 per 100; Vieux Castellane, Pointeview, Jaulin, Ricard, Buchner, R. C. \$1.50; 2-in. pots, \$2.50 3 in. \$5.00 per 100.

Whitman Ferns, 2-in. 25c each. 5 in. 35c.

Boston Ferns, 5 in. 75c each.

Vinca Var., 2-in. \$2.00 per 100.

Dracena Ind., 3-in. \$5.00; 4 in. \$10.00; 5-in. \$25.00 per 100.

Asparagus Sprengerii, 2-in. \$2.50 per 100.

Heliotrope, Blue, R. C. \$1.00 per 100.

Coleus, Alternanthera Red and Yellow, Heliotrope, Clear Plant, Ageratum, Blue Verbenas, 2-in. \$2.00 per 100.

Scarlet Sage, Bonfire, 2-in. \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

### PALMS, FERNS AND Decorative Plants

Burland Rd. & E. 45th St. BROOKLYN, N. Y.

### JOHN SCOTT, SPECIALTIES.

Roses, from 3-in pots. Chrysanthemums

Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send list.

### Wood Brothers, FISHKILL, New York.

### Ferns for Dishes

|               |         |          |
|---------------|---------|----------|
|               | Per 100 | Per 1000 |
| 2 1/2-in..... | \$3.50  | \$30.00  |

500 at 1000 rates. Cash with order.

FRANK OECHSLIN,

4911 Quincey St., CHICAGO

### QUALITY PLANTS

**Ferns and Bedding Plants**

|                                          |         |
|------------------------------------------|---------|
|                                          | Per 100 |
| Boston, Whitman and Scottii, 3-inch..... | \$ 8.00 |
| Superbissima, 3 1/2-inch.....            | 12.50   |
| Asparagus Plumosus, 3-inch.....          | 5.00    |
| Asparagus Sprengeri, 3-inch.....         | 8.00    |
| Salvia Splendens, 2-inch.....            | 7.00    |
| Cyperus Alternifolius, 2 1/2-inch.....   | 3.00    |
| Vincas Variegated, 2 1/2-inch.....       | 5.00    |
| Clematis Paniculata, 2 1/2-inch.....     | 2.50    |
| King Humbert Canna, 3 inch.....          | 6.00    |
| Allemania, 3 inch.....                   | 4.00    |

Cannas of the following varieties: Crimson Bedder, Pennsylvania, Bera, Flamingo, Egan-dale, and Florence Vaughan. In 3 inch, \$3.50 per 100, and from sand, \$2.50 per 100.

Cash, please.

### THE REESER PLANT COMPANY

Successor to Reeser & Youngstrand, Springfield, Ohio

Mention the American Florist when writing

### A New Fern Nephrolepis Giatrasii

Awarded a Certificate of Merit by the Horticultural Society of New York.

Prices: In 2 1/2 inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000. 25 plants at 100 rates in rotation as received.

Now Ready for Delivery.

GEORGE GIATRAS, 463 Summit Ave., West Hoboken, N. J.

### Robert Craig Co...

HIGH CLASS PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa





PLANT OF DOROTHY PEACOCK.

Notice the heavy vigor of plant, and eye at base of young tubers.

The Sensational New Cut Flower

# Dahlia Dorothy Peacock

Representing the Highest Development in Dahlias

Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England,

**Beautiful, Pure Pink**

Long stems, hardy, free bloomer, full to the center. Send for catalogue. Cut shows we know how to propagate, as well as the vigor of this new Dahlia.

## Peacock Dahlia Farms

**P. O.: Berlin, N. J. Williamstown Junction, N. J.**

### Milwaukee.

#### STOCK PLENTIFUL.

The extremely warm spell of weather forced the roses and carnations and the stores have been flooded with stock all the week. All the plantsmen are busy with bedding stock and the growers are getting the outside stock set out and preparing for the summer work. Everything points to a good Memorial day trade with plenty of stock.

#### NOTES.

E. Zimmerman and Fred Holton are busy making preparations to entertain the Chicago Florists' Club on June 1, when a joint meeting will be held. The Chicago delegation has chartered a special car on the Chicago & Milwaukee electric line and will leave the Windy City at 2:30 p. m. and are due to arrive here about 6 p. m.

The C. C. Pollworth Co. shipped out a large stock of bedding plants the past week and the orders are still coming in. This firm's new range of greenhouses which are nearly completed will be devoted to the growing of chrysanthemums.

Holton & Hunkel Co. are well supplied with a good grade of stock for Memorial day and all that is needed now is the orders. This hustling firm does an extensive shipping business throughout the northwest.

Roy Currie has been making good use of the swimming tank at the Y. M. C. A. gymnasium lately and finds this a good way to keep cool during the hot weather.

The M. A. McKenney Co. report trade rather quiet at present, but the season as a whole has been a very busy and profitable one.

St. John, N. B.

Mothers' day trade exceeded all anticipations. One of the churches with an energetic and up-to-date pastor had a special service commemorative of the day, of which notice was published in the papers. The local papers printed special matter appropriate to Mothers' day, one publishing the article which appeared in the issue of THE AMERICAN FLORIST of May 4. Carnations, both white and colored, sold in quantity all Saturday night until 9:30 o'clock and all day Sunday until church time at night. The day was so

## New Gold Medal Roses

For 1911 and '12

Write for descriptive catalogue, free on application, to

### HUGH DICKSON

Royal Nurseries,

BELFAST, IRELAND

### Coleus

Big batch of rooted cuttings ready June 5th.

Golden Bedder, Verschaffeltii and mixed standard sorts, at \$5.00 per 1000. The old stock plants shipped without soil of the above at \$1.25 per 100. Good enough for bedding, but not a fancy plant.

Giant leaved cuttings only, at \$1.00 per 100.

### Perennial Phlox

Fifteen varieties all of them good ones, mixed, rooted cuttings at \$1.25 per 100, by mail. \$1.00 per 100 by express, any quantity.

**ALBERT M. HERR,**

### Geraniums

Rooted cuttings of Nutt, Ricard and Poitevine, at \$10.00 per 100. Delivered any time now to Oct. 20th.

### SPRENGER

4 inch pot stock, \$5.00 per 100.

### SMILAX

Ready June 15th. The kind that it will pay you to buy, at \$12.50 per 1000.

### LIME

An extra fine grade for florists' use, at \$4.50 per half ton. Try a half ton and learn how good it is.

**Lancaster, Pa**

## ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

**SANDER, St. Albans, Eng.**

NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.

generally commemorated that a larger and more general observance is looked forward to next year.

J. B.

LOS ANGELES, CALIF.—Thirty thousand carnations were given to the visitors of Venice, the popular resort of this city, on Mothers' Day, May 14.

## Orchids

In great variety, established or unestablished at popular prices. Also materials of all kinds, such as Peat, Live Sphagnum, Orchid Baskets, etc. Write for special list and catalogue.

**Lager & Hurrell, Summit, N. J.**

## ORCHIDS

We are one of the largest collectors and importers of Orchids, Investigate us.

**CARILLO & BALDWIN, Mamaroneck, N. Y.**

# Heacock's Palms and Ferns

Strong, Clean and Well Established. Especially Good Value for Decorative Work

| Areca Lutescens                                |             |
|------------------------------------------------|-------------|
| 3 plants, 36 in. high.....                     | Each \$2.50 |
| 4 to 5 plants, 9 in. cedar tubs, 4 ft. high... | 5.00        |
| 4 to 5 plants, 9 in. 5 ft. high.....           | 6.00        |

| Boston Ferns                       |        |
|------------------------------------|--------|
| 9 in. azalea pots, heavy plants 2½ | Each   |
| to 3 ft. spread.....               | \$1.50 |

| Kentia Belmoreana                 |                |
|-----------------------------------|----------------|
| 7 in. cedar tubs, 36 in. high ... | Each Doz.      |
| 7 in. 40 in. ....                 | \$2.50 \$30.00 |
| 9 in. 42 in. ....                 | 3.00 36.00     |
| 9 in. 48 to 54 in. high....       | 4.00           |
| 9 in. 5 ft. high..                | 6.00           |
| 9 in. 5 ft. high..                | 8.00           |

| Scottii Ferns                              |             |
|--------------------------------------------|-------------|
| 6 in. azalea pots, heavy ready for a shift | Each \$0.10 |

| Kentia Forsteriana                               |              |
|--------------------------------------------------|--------------|
| Made Up                                          |              |
| 4 plants in 9 in. cedar tubs, 42 to 48 in. high. | Each \$ 4.00 |
| 4 12 in. 5 ft. high .....                        | 12.50        |

| Cibotium Scheidel                   |             |
|-------------------------------------|-------------|
| 9 in. cedar tubs, 4 ft. spread..... | Each \$4.00 |

When in Philadelphia, Be Sure to Look Us Up

Joseph Heacock Company,

Wyncote, Pa. Railway Station, Jenkintown.

## New Carnations

Plants from 2-inch Pots.

**White Wonder** The largest white, early and free.

**Gloriosa** Pure glistening pink. One of our best productions.  
\$12.00 per 100; \$100.00 per 1000.

**Scarlet Glow** Bright Scarlet.  
\$6.00 per 100; \$50.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Mention the American Florist when writing

## WATER LILIES

Plant now the hardy varieties; also Hardy Tea Roses, Hardy Perennials, Phlox Miss Lingard, fine stock, 75c per doz; \$6.00 per 100. Clumps \$2.00 and \$3.00 per doz; \$15.00 and \$20.00 per 100. Papaver Orientals, choice named varieties, \$8.00 and \$10.00 per 100.

William Tricker, Water Lily Specialist, Arlington, N. J.

Mention the American Florist when writing

## GLADIOLUS

Cinnamon Vines, Madeira Vines, Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

E. S. MILLER, Wading River, N. Y.

Mention the American Florist when writing

## Boston Ferns...

2½-in. \$30.00 per 1000

**WHITMAN FERNs**

2½-in., \$5.00 per 100; \$40.00 per 1000.  
250 at 1000 rate.

Magnifica, 2½-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

Mention the American Florist when writing

## CYCLAMEN

2½-in. pots \$5.00 per 100; 3-in. pots \$8.00;  
4-in. pots in bud and bloom, fine plants.  
\$10.00 per 100.  
Poinsettias, strong, healthy stock plants.  
\$6.00 per 100.

THE LEEDHAM BULB CO., SANTA CRUZ, CALIF.

Mention the American Florist when writing

## Florists, Seedsmen,

**Dahlias** are now the popular flower. Peacock's Dahlias are the "Quality Dahlias That Bloom." The best that can be grown. We know it. After a trial you will know it.

**Special Trial Offer** For \$1.00 we will send by return mail, postpaid, 12 new and best Dahlias, each labeled, value \$2.50; also beautiful Dahlia post-cards and our special offers in Dahlia collections, neatly boxed. Just the thing for counter or other trade. Great value and satisfaction for your customers and profit for you.

Our new illustrated catalogue, the leading American Dahlia Catalogue, free. Write today.

**Peacock Dahlia Farms,** Williamstown Junction, N. J.  
Post Office: Berlin, N. J.

## Verbenas! Verbenas!!

### Verbenas!

The Gem Bedding Plant.

Send for circular.

**J. L. Dillon**  
Bloomsburg, Pa.

## THE CHRYSANTHEMUM MANUAL.

By ELMER D. SMITH.

NEW AND REVISED EDITION.

Price 40 Cents. Cash with order.

AMERICAN FLORIST CO  
440 S. Dearborn St., CHICAGO.

**Araucaria Excelsa**, 6 in. pots, fine plants  
24 in. high 5 tiers, 75c.

**Clematis**, large flowering varieties, 2-year old plants, \$3.00 per doz.;

**Clematis Paniculata**, strong, from 4 in. pots, \$10.00 per 100; 3 in. pots, \$5.00 per 100.

Stock from 3-in. pots, \$4.00 per 100: **Salvia**, Bonfire and Zurich; **Ampelopsis Veitchii**, Hardy English Ivy; **Passion Vine**.

Stock from 2½-in. pots, \$2.50 per 100: **German Ivy**, **Impatiens**, **Hosta** and **Sulcat**; **Cupress**; **Snapdragon**, plant white and scarlet; **Clematis Paniculata**; **Abutilon Savitzii**; **Verbenas**, in separate colors; **Salvia**, Bonfire, Lobelias, double and single blue; **Buonios** radicans and gold and variegated; **Cosmos**, early blooming.

**Asparagus Sprengeri**, 3 in. pots \$4.00 per 100; 2½-in. pots, \$3.00 per 100.

**Swainsona alba**, 3 in. pots, \$4.00 per 100.

**C. EISELE**

11th & Westmoreland Sts., Philadelphia, Pa.

## Canna Roots

We have a surplus of Pennsylvania Louisiana and a few other kinds that we offer at \$8.00 per 1000.

**Dahlia Roots** Whole field clumps in a good assortment, to clean up quick, at \$4.00 per 100, \$35.00 per 1000.

**Tradescantia** (Zebriana Multicolor), 2-in., \$3.00 per 100.

R. VINCENT, JR. & SONS CO., White Marsh, Md

## IT IS NOT...

what you pay for the advertisement but what the advertisement pays you. It pays to advertise in the American Florist.

## Phoenix Canariensis...

BALLED. By the Thousands

2 to 2½ ft. ....65c 3 to 3½ ft. .... \$1.00

3½ to 3 ft. ....75c 3½ to 4 ft. .... 1.25

KENTIA NURSERIES, Santa Barbara, Calif.





# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

Ageratum Stella Gurney, 2-in., 2c. J. L. Schiller, Toledo, O.  
Ageratum Imperial dwarf blue, 2½-in., \$2 per 100. Mosbak Greenhouse Co., Onarga, Ill.

Ageratums, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red, 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. E. Davis Co., Morriston, Ill.

Alternantheras, red, 2½-in., 2c; red and yellow, 3-in., 4c. Mosbak Greenhouse Co., Onarga, Ill.

Alternantheras, red, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Alternantheras, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. Brilliantissima, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Dayton, O.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Alternantheras, red and yellow, 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, strong 2-in. fine stock, 2c. E. D. Lauterbach, Bushnell, Ill.

## ALYSUM

Alyssum, Little Gem, 2½-in., \$2 per 100. Frank Felke, Wilmette, Ill.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria excelsa, 5-in., 50c; 6-in., 75c. C. Eisele, Philadelphia.

## ASTERS.

ASTERS. Vick's, Early Branching, Vick's Late Branching, Victoria Imp. all colors separate, Mikado and Vick's Royal Purple, good healthy plants from seed bed at \$2.50 per 1,000 in any quantity. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Asters, Dreer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching roses, pink and white, 2-in., \$2 per 100; \$13.50 per 1,000. R. Vincent Jr., & Sons Co., White Marsh, Md.

Asters, Vick's Imperial Purity and Daybreak, New Upright and Non-Lateral Branching, in colors, 2½-in., 4c. Mosbak Greenhouse Co., Onarga, Ill.

## ASPARAGUS.

Asparagus Sprengeri, from 3-in. pots, 3½c. J. L. Schiller, Toledo, O.

Asparagus Hatcheri, 2½-in., \$15 per 100. Sprengeri, 4-in., \$10 per 100; 3-in., \$6 per 100; \$50 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Asparagus Sprengeri, 3-in., \$3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Potbound 3-in. Sprengeri, can be shifted into 6-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus plumosus, 3-in., \$5 per 100; 4-in., \$8. Sprengeri, 3-in., \$4; 4-in., \$7. Reeser Plant Co., Springfield, O.

Asparagus plumosus, 2½-in., \$2 per 100. Sprengeri seedlings, \$1; plumosus, \$1.25. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, 2½-in., 2c; 3-in., 4c; 4-in., 5c. Mosbak Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Harnell, N. Y.

Asparagus Sprengeri, 5-in., \$15 per 100. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 3½-in., strong, \$8 per 100. Cash please. Harry Hehl, West Toledo, O. Asparagus plumosus and Sprengeri plants. W. H. Elliott, Brighton, Mass.

Sprengeri, 4-in., \$5 per 100. A. M. Herr, Lawton, Pa.

Asparagus Sprengeri, 3-in., \$4 per 100; 2½-in., \$2.50; 2-in., \$2. C. Eisele, Philadelphia.

Asparagus Sprengeri, 2, 2½ and 3-in., Vaughan's Seed Store, Chicago and New York.

## BAY TREES.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding plants: Alternantheras, 2-in., 2c; Begonia Vernon, 2-in., 2c; petunias, 3-in., 4c; 4-in., 8c; Coleus Pfister yellow and red, Verschaffelt, Golden Bedder, 3-in.; Thunbergia Vines, 3-in.; achyranthes, 3-in.; 4c; salvias, 4-in., 8c, 3-in., 6c; fuchsias, 4-in., 8c; marguerites, white, 4-in., 8c and 10c, yellow, 4-in., 12c; coheas, 4-in., 10c; vinca variegated, 4-in., \$2 per doz. extra strong, \$2.50 per doz. Caladium esculentum, 5-in., 15c; 4-in., 10c. Sweet Alyssum, 2-in., 2½c. Salerol, 2-in., 3c; 3-in., 4c; geraniums, 4-in., 8c; extra strong, \$10 per 100; ivy geraniums, 3-in., 4c; 4-in., 8c. Castor bean, 4-in., 8c; Heliotrope, 4-in., 8c. Ageratum, 4-in., 8c; Lobelia, dwarf, 2-in., 2½c; tall, 2-in., 2½c. Celosia, 3-in., 4c. Rose geraniums, 4-in., 10c. Stocks, 4-in., 8c. Zinnia, 3-in., 4c. Nasturtiums, 3-in., 5c. Daisy (Bellis perennis), 2c. Verbena, 3-in., 4c. Geranium myrtle, 2-in., 2½c; 3-in., 4c. Cannas, 4-in., 8c; P. Vaughan, Wyoming, Henderson, Eganale, David Harum, Son, D'Antoine, Crozy, Alemania, Austria, Shenandoah, Patry, Chicago. THE GEO. WITTBOLD CO., 739 Buckingham Pl., Chicago.

Bedding stock, 3-in. pots, \$4 per 100: English Ivy, Passiflora, cornelia and Froditi, Lemon verbena, moonvine, fuchsias, echeveria glauca, Salvia, Bonaire and Zurich. Mrs. Parker geranium, Swainsboro alba. Stock from 2½-in., \$2.50 per 100; German ivy, cupressa, fuchsias, Var. Vinca, lobellias, ageratum, clematis paniculata, Var. ice plant, Abutilon Savitzli, Nutmeg and rose geraniums, verbenas, asteras, anapradrons. Plants from 2½-in., \$3 per 100; Moonvine, Lemon Verbenas, C. Eisele, 11th and Westmoreland, Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per doz.; \$12.50 per 100. Verbena, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprengeri, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Schmidt, Bristol, Pa.

Bedding plants. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Seasonable stock. For varieties and prices see advertisement on front cover page, R. Vincent Jr. & Sons Co., White Marsh, Md.

## BOUVDARIAS.

Bouvardias, white, pink and red, fine plants, 2½-in. pots, \$4 per 100. Butz Bros., New Castle, Pa.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only: Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100. Begonia La Patrie, (new), \$8 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonia Gloire de Lorraine, 2½-in., \$2 per doz.; \$19 per 100. Vaughan's Seed Store, Chicago and New York.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonias in bloom, 2½-in., 3c; 3-in., 6c. Mosbak Greenhouse Co., Onarga, Ill.

Begonia Glory of Cincinnati, J. A. Peterson, Westwood, Cincinnati, O.

## BOXWOOD.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Box trees, all sizes. Ask for special list, Julius Roehrs Co., Rutherford, N. J.

Box trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000; Gloxinias, separate colors, \$75 per doz.; \$5 per 100; \$47.50 per 1,000. Sorter, Elske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Tuberous rooted begonias, 5 separate colors, single, \$2.50 per 100; \$20 per 1,000; double, \$4.50 per 100; \$40 per 1,000. Gloxinias, 4 separate colors, \$4.50 per 100; mixed, \$3.50 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, W. J. Eldering & Son, Overeen, Haarlem, Holland.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 73 Cortlandt St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus. Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

Canna King Humbert, 3-in., \$5 per 100; from sand, \$4. Crimson Bedder, Penn., Berat, Flamingo, Egalande, F. Vaughan, 3-in., \$3.50 per 100; from sand, \$2.50. Reeser Plant Co., Springfield, O.

Cannas, Queen Charlotte, Alemania, Henderson, F. Vaughan, Kate Gray, Victoria, Wallace, \$5 per 100. King Humbert, \$8 per 100. Cash please. Harry Hehl, West Toledo, O.

CANNAS, 4-in., strong plants, Henderson, Wyoming, Egalande, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Cannas, Egalande, Marlborough, \$1.50. David Harum, \$2 per 100. J. H. Dann, Westfield, N. Y.

Cannas, surplus, Pennsylvania, Louisiana, etc., \$8 per 1,000. R. Vincent Jr. & Sons Co., White Marsh, Md.

Cannas, 10 vars., 3 and 4-in., \$4 per 100; King Humbert, \$6. Jos. H. Cunningham, Delaware, O.

## CARNATIONS.

Carnations. Dorothy Gordon, plants from 2½-in. pots, \$8 per 100; rooted cuttings, \$5 per 100. The Queen, fine white variety, \$1.60; \$1 per 100. Elbon, scarlet, \$2 per 100. Hardy pink, deep crimson, blooming all summer, plants from 2½-in. pots, \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



## ROOTED CARNATION CUTTINGS.

|                                  |         |         |
|----------------------------------|---------|---------|
| March 15 Delivery.               | 100     | 1,000   |
| Washington, cerise, 4 sport from |         |         |
| Euchantressa                     | \$10.00 | \$75.00 |
| Sangamo, brilliant flesh.        | 8.00    | 50.00   |
| Mary Tolman, deep flesh.         | 6.00    | 50.00   |
| May Day, flesh pink.             | 3.00    | 25.00   |
| Euchantressa                     | 3.00    | 25.00   |
| Alvina, cerise.                  | 3.00    | 25.00   |
| White Euchantressa               | 3.00    | 25.00   |

CHICAGO CARNATION CO., Chicago.

Carnations, from 2-in. pots, White Wonder, Gloriosa, \$12 per 100; \$100 per 1,000. Scarlet Glow, \$6 per 100; \$50 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnation Dorothy Gordon, R. C., \$6 per 100; \$50 per 1,000. Joseph Heacock, Wyncote, Pa.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSA nth EMUMS.

## CHRYSA nth EMUMS.

Out of soil and sand, strong rooted cuttings, \$2 per 100.

|                |                |               |
|----------------|----------------|---------------|
| White.         | Yellow.        | Pink.         |
| Oct. Frost     | Monrovia       | Dr. Enguehard |
| Early Snow     | Golden Glow    | J. Rosette    |
| C. Touse       | Robt. Halliday | P. Ivory      |
| W. Bonaffon    | J. Bonaffon    | Gloria        |
| Estelle        | Golden Beauty  | Monogram      |
| Snow Queen.    | Nagoya         |               |
| Mrs. C. Frick. | Pink           | Intensity     |
| Lindwood Hall. | Rosiere        | Blackhawk     |
|                | Pacific        |               |

## POMPONS.

|         |          |               |
|---------|----------|---------------|
| Quinola | Emile    | Baby          |
| Lulu    | Pretoria | Baby Margaret |
|         | Diana    |               |

VIETOR BROTHERS, Chicago.

162 North Wabash Ave.,

## CHRYSA nth EMUMS ROOTED CUTTINGS.

WHITE—Estelle, Touse, A. Byron, Ivory, Desjouis. PINK—Amorita, Pacific, M. Dean, Rosette, P. Ivory. YELLOW—G. Glow, Monrovia, Bonaffon, Crema, Halliday, Golden Eagle, Y. Jones—\$2.00 per 100; \$15.00 per 1,000. Pacific Superfine, Edmond Albe, Baby Margaret, Mrs. Hurley, Yellow Baby, \$2.50 per 100; \$20.00 per 1,000.

Cash or C. O. D.

WM. SWAYNE, KENNETT SQUARE, PA.

Chrysanthemums, strong, rooted cuttings. Mrs. Robinson, C. Touse, Cot. Appleton, V. Morel, Robt. Halliday, Golden Glow, Estelle, Pacific, Ivory, Garza, M. Wamaker, Amorita, Fidelity and baby yellow pompon, \$1.75 per 100; \$15 per 1,000. Cash with order. FRANK BEU, 4435 N. 40th Ave., Chicago.

Halliday, Appleton, Golden Age and Polly Rose, from 2-in. pots. No. 1 stock at \$2; \$25 per 1,000; 250 at 1,000 rate. Joy Floral Co., Nashville, Tenn.

Chrysanthemums from 2-in. pots. Elise Papeworth, 5c. Pres. Tift, 4c. W. H. Chadwick, 3 1/2c. Oct. Frost, Golden Glow, Major Bonaffon, 3c. J. L. Schiller, Toledo, O.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Hardy chrysanthemums, \$3 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, Stellata, dwarf hybrid grandiflora, 2 1/2-in., \$2.50 per 100; 3-in., 4c. Mosbark Greenhouse Co., Onarga, Ill.

## CLEMATIS.

Clematis, 2-year, \$3 per doz.; 1-year, \$2. C. paniculata, 2-year, \$10 per doz.; 1-year, \$5. C. Elsie, Philadelphia.

Clematis paniculata, 2 1/2-in., \$2.50 per 100. Reeser Plant Co., Springfield, O.

Clematis paniculata, \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COBEAS.

Cobea Scandens, 3-in., 4c.; 4-in., 10c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus, Golden Bedder, Verschaffelt, and others, stocky plants, 3c. each. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, standard varieties, 2 1/2-in., \$2 per 100; 3-in., 4c. Mosbark Greenhouse Co., Onarga, Ill.

Coleus. For varieties and prices see advertisement elsewhere in this issue. A. M. Herr, Lancaster, Pa.

Coleus, 10 good vars., 2-in., 2c. J. L. Schiller, Toledo, O.

Coleus, 10 vars., 2 1/2-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

Coleus, 2 1/2-in., \$3 per 100. Casa please, Harry Heint, West Toledo, O.

Coleus, 3-in., \$2 per 100. Geo. M. Emman, Newton, N. J.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1.00; 7-in., \$1.25 each. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedham Bulb Co., Santa Cruz, Cal.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

## DHAIAS.

DAHIAAS, CLEARING SALE. LAST CALL. 20—Rosenhagen, salmon-rose with bright magenta on the edges. 30—Rosine, glowing crimson with purple shading. 100—Elegans, Tyrian rose tipped white. 123—Maid of Kent, cherry-red, tipped white, sometimes all red. 124—Mrs. Langtry, cream, peach and purple. 130—Thos. Lisbon, pink shading white at center. 140—Wm. Favett, free flowering and long stem cream and apple blossom. 144—Burligh, rich carnation, tipped white. 145—Bird of Paradise, white tipped crimson. 212—Jamaica, beautiful deep sky blue. 214—Japan Pink, quilled petals, pink. 308—Nymphs, shell pink, a beauty. 312—Black Beauty, a giant beauty of dark maroon. 314—Bronze Beauty, bright copper-orange. 408—Little Herman, deep red tipped white. 412—Snowbird, unquestionably profuse white. 452—Taima, bright crimson with shadings of white.

All good sound field-grown clumps as long as they last, \$9 per 100. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J., P. O. Berlin, N. J.

Dahlias, field clumps, \$4 per 100; \$35 per 1,000. R. Vincent Jr. & Sons Co., White Plains, N. Y.

Dahlias, pot plants, 60 best vars., \$4 per 100. Storrs & Harrison Co., Painesville, O.

## DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, in bloom, \$10 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DRACENAS.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracenas. For prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 730 Buckingham Place, Chicago.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa 2-in., 3c.; 2 1/2-in., 2 1/2c.; 3-in., J. H. Dunn & Son, Westfield, N. Y.

Dracena Indivisa, 2 1/2-in., 3c. Mosbark Greenhouse Co., Onarga, Ill.

Dracena, 5-in., \$20 per 100. Cash please. Harry Heint, West Toledo, O.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emman, Newton, N. J.

Dracena indivisa, 2 1/2-in., \$3 per 100. Storrs & Harrison Co., Painesville, O.

Dracena Indivisa, 4-in., 10c; 5-in., 20c; 6-in., 30c. C. Elsie, Philadelphia.

## EUPHORBIAS.

Euphorbia Jacquiniaeflora, strong plants, 2 1/2-in. pots, \$2 per doz.; \$10 per 100. Butz Bros., New Castle, Pa.

## FERNS.

Ferns. For varieties and prices see advertisement on last cover page of this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$5 per 100; \$60 per 1,000; 500 at 1,000 rate; 4-in., \$15.00 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate, THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, leading vars. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns, Boston, 2 1/2-in., \$4 per 100; 3-in., \$7. Scott, 4-in., \$5 per 100. Storrs & Harrison Co., Painesville, Ohio.

Ferns, Boston and Scott, 2 1/2-in., 4c; 3-in., 5c; Boston, 3-in., \$1; 10-in., \$1.25; 12-in., \$1.50 each. Mosbark Greenhouse Co., Onarga, Ill.

Ferns. For varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emman, Newton, N. J.

Ferns, Boston, Elegansissima, 4-in., fine stock, \$12 per 100; 2 1/2-in., \$2.25 per 100; \$20 per 1,000. Wagner Park Conservatories, Sidney, O.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Ochslin, 4911 Quincy St., Chicago.

Neph. Glatrasi, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatrasi, 463 Summit Ave. West Hoboken, N. J.

Boston ferns, 10-in., \$2.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati O.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns. Robbins & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew, double white, 2 1/2-in., 2 1/2c. Mosbark Greenhouse Co., Onarga, Ill.

## FIGUS.

Ficus Pandurata, 3 to 7 ft., \$1.50 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

## GERANIUMS.

Geraniums, best standard sorts, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100. Silver leaf Nutt, Sophie Dumareque, Mt. of Snow, Duke of Edinburgh, L. Elegans, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100. Apple, rose, nutmeg, lemon, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent Jr. & Sons Co., White Marsh, Md.

## ROOTED GERANIUM CUTTINGS.

Choice stock for immediate delivery. Nutt, Grant, Potteville, Buchner, strong top cuttings ready for 2 1/2-in. pots, \$1.25 per 100; \$10 per 1,000. The W. T. Buckley Co., Springfield, Ill.

Geraniums, 12,000 in full bloom, all leading varieties, principally Nutt, 4 and 4 1/2-in., \$7 and \$8 per 100; cash please. P. Rieth & Co., Downers Grove, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vaud, Castellane, Potteville, Jaulin, Richard, Buchner, 4c; \$1.25; 2-in., \$2.50; 3-in., 5c. Geo. M. Emman, Newton, N. J.

Geraniums, nice stocky plants, bud and bloom, S. A. Nutt, Richard, Beate Potteville, Buchner, 4-in., \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

Geraniums, our selection, 4-in., \$7 per 100; 3-in., \$4 per 100; 2-in., \$2 per 100; \$18.50 per 1,000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, Ohio.

Geraniums, standard varieties, 4-in., 5c; 5-in., 15c. Richard, 3-in., 5c, Rose, 3-in., 3c. Mosbark Greenhouse Co., Onarga, Ill.

Geraniums, Nutt, double red and white, 3-in. and 4-in., \$8 and \$10 per 100. Society of the Divine Word, Techy, Ill.

Geranium Mme. Sallerod, 3-in., extra fine stock at \$3 per 100. Cash. Plattville Floral Co., Plattville, Wis.

Geraniums, 50 vars., 2 1/2-in., \$2.50 per 100. Storrs & Harrison Co., Painesville, O.

Geranium Mme. Sallerod, 2 1/2-in., heavy plants, \$3 per 100. Wagner Park Conservatories, Sidney, O.

Geraniums, 4-in., \$8 per 100. Frank Felke, Wilmette, Ill.

Geraniums, R. C. Nutt, Richard, Potteville, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 6 vars., 3-in., \$5 per 100. Jos. H. Cunningham, Delaware, O.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Glax, 90c per 1,000. Boxwood, 50-b. each, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimmings, 4c red 5c. per yard. J. Jansky, 19 Province St., Boston.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 33 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsonas & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

## HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Garden pinks, Lychins Hagenia, Pyrethrum, Galliardia, grandiflora and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Gnaphalium, 2½-in., \$2.50 per 100; 3-in., \$5 per 100. Cash please. Harry Heintz, West Toledo, O.

Hardy perennials. Wm. Tricker, Arlington, N. J.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emma Newton, N. J.

Heliotrope, 3-in., \$5 per 100. Cash please. Harry Heintz, West Toledo, O.

## HYDRANGEAS.

Hydrangea Avalanche, 2½-in., pots, 50¢ each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

Hydrangea Otaka in bloom, specimens, \$2 to \$5 each. J. A. Peterson, Westwood, Cincinnati, O.

## JASMINES.

Cape jasmynes. See advertisement elsewhere in this issue for prices. T. W. Carlton, Alvin, Texas.

## JUMPING BEANS.

Mexican Jumping Beans. Live beans that continues to jump for weeks; the greatest wonder for show window and counter trade, 50¢ per 100; \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

## LILACS.

Lilacs. Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, cold storage pips, case of 1,000, \$13; case of 500, \$35. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley. H. N. Bruns, 303S-42 W. Madison St., Chicago.

## MOONVINES.

Moonvines, 2½-in., \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

## MUSHROOM SPAWN.

Mushroom Spawm. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

## NURSERY STOCK.

Japanese maples, Polymorphum atropurpureum, P. atropurpureum dissectum, Japonica aureum, S. Hydrangeas, the climbing hydrangea, Clematis Montana grandiflora. For prices see advertisement elsewhere in this issue. Henry A. Dreiss, Inc., 714 Chestnut St., Philadelphia.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, large trees, oaks, maples, pines and cypresses. Andorra Nurseries, Chestnut Hill, Philadelphia.

## ORCHIDS.

Orchids, Importers, exporters, growers and hybridists. Scholer, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

## PANDANUS.

PANDANUS UTILIS, 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PANSIES.

PANSIES, giant, transplanted, field-grown, in bud and bloom, in good assortment of the finest strains at \$1 per 100; \$5 per 1,000. Special price on 5,000 lots and over. E. Rawlings, Wholesale Grower, Olean, N. Y.

50,000 FIELD-GROWN pansy plants, never under glass, strong, bushy plants. THE KIND THAT SELL, \$20 per 1,000. Cash. Albert A. Sawyer, Pansy Specialist, 424 Elgin Ave., Forest Park, Ill.

Pansies transplanted, \$1.25 per 100; \$10 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

## PALMS.

Palms, Phoenix Rec., 4-in., 25¢ each; \$3 per doz.; \$20 per 100. Lantana Borb., 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Phoenix Canariensis, 2 to 2½ ft., 65¢; 2½ to 3 ft., 75¢; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Keitia Nurseries, Santa Barbara, Calif.

## PEONIES.

Peonies, 50,000 flowers for Memorial Day, \$4 per 100. Thos. A. McBeth, Springfield, Ohio.

Peonies, all vars., Jacs Smits, Naarden, Holland.

## PHLOX.

Phlox, Miss Linard, 75¢ per doz.; \$6 per 100; clumps, \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox, 15 vars., R. C., \$1.25 per 100; by mail; \$1 by express. A. M. Herr, Lancaster, Pa.

## POINSETTIAS.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

## PRIVET.

CALIFORNIA PRIVET, 18 to 24 inches, \$10 per 1,000. AMOOR RIVER, 18 to 24 inches, \$16 per 1,000. All 2-year, well branched. In storage for immediate shipment. F. O. B., cash with order. Have about 10,000 each kind. Order quick. Valdesian Nurseries, Bostic, N. C.

## RHODODENDRONS.

RHODODENDRONS for Decoration Day forcing, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## ROSES.

|                         | ROSES. | Per 100. | Per 1,000. |
|-------------------------|--------|----------|------------|
| Bride, 2½-inch          | .....  | \$3.00   | \$25.00    |
| Bridesmaids, 2½-inch    | .....  | 3.00     | 25.00      |
| Uncle John, 2½-inch     | .....  | 3.00     | 25.00      |
| Mrs. Jardine, 2½-inch   | .....  | 3.00     | 25.00      |
| Richmond, 2½-inch       | .....  | 3.00     | 25.00      |
| Pink Killarney, 2½-inch | .....  | 5.00     | 40.00      |

WETTOR BROTHERS, Chicago.

## ROSE PLANTS FROM 3-IN. POTS.

|                                | Per 100.    | Per 1,000. |
|--------------------------------|-------------|------------|
| Pink Killarney                 | .....\$4.00 | \$35.00    |
| White Killarney                | .....6.00   | 50.00      |
| One-year-old.                  |             |            |
| American Beauty, bench plants. | 6.00        | 50.00      |

GEO. REINBERG, Chicago.

Roses, strong clean stock, own roots, Brides and Bridesmaids, \$7 per 100. Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. P. R. Quinlan, Syracuse, N. Y.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000; 2½-in., \$5 per 100; \$45 per 1,000. WELAND & RUSCH, 154 N. Washab Ave., Chicago.

Roses. For prices and varieties see advertisement in this issue. The Phoenix Nursery Co., Bloomington, Ill.

Roses, Killarney and White Killarney, 2½-in., \$6 per 100. Castle Grove Greenhouses, Danville, Pa.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

American Beauty, strong 2-inch plants, thrifty and healthy, \$50 per 1,000. Sherman Nursery Co., Charles City, Iowa.

Roses, Newport Fairy, 50¢ each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses. Leedle Floral Co., Springfield, O.

## SALVIAS.

Salvias, 4 different varieties, 2 and 2½-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. F. Riech & Co., Downer's Grove, Ill.

Salvia Zurich, 2-in., 2¢; 3-in., 3½¢. Bararia, White Zurich, 2-in., 2½¢. Jewell, introduction 1911, 2-in., \$1 per doz.; J. L. Schiller, Toledo, O.

Salvia splendens, 2-in., very fine, \$2 per 100. Wagner Park Conservatory, Sidney, O.

Salvia splendens, 2-in., \$2.50 per 100; 3-in., \$4. Reser Plant Co., Springfield, O.

Salvia Zurich and L. Fauntleroy, 3-in., \$4 per 100. Cash please. Harry Heintz, West Toledo, O.

Salvias, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvia Splendens, 2½-in., 2¢. Mosback Greenhouse Co., Onarga, Ill.

Salvias, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvias, 2,000 healthy plants, 4-in., \$8 per 100. Frank Felke, Wilmette, Ill.

## SEEDS.

Seeds, Phoenix canariensis, \$1.50 per 1,000. Phoenix reclinata, \$2.25 per 1,000. Phoenix sylvestris, \$3 per 1,000. Washington filifera, \$1 per 1,000; \$4 per 5,000. Chamerops excelsa, \$2¢ per 1,000. Erythraea amata, 100 seeds, \$1; \$8 per 1,000. Asparagus plumosus nanus, 1,000 seeds, \$2.50; 2,000 seeds, \$4.75; 5,000 seeds, \$12.25; 10,000 seeds, \$20. Strawberry guava, 35¢ per oz.; \$3 per lb. Frank M. Warner, 1100 So. Flower St., Los Angeles, Calif.

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars., melons, celery, egg plant. Federico C. Varela, Tenerife, Canary Islands, Spain.

### Contract Growers.

For Southern Seeds—Headquarters. N. L. Whit-Sed Co., Augusta, Ga.

Seeds, cauliflower and cabbage. Hjalmar Hartmann & Co., Copenhagen, Denmark.

## SMILAX.

SMILAX, 10,000 fine strong 2½-in. plants, \$2 per 100; \$17.50 per 1,000. Immediate shipment. WELAND & RUSCH, 154 N. Washab Ave., Chicago.

Smilax, \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax. Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snappedragons, pure pink, best seller of all snappedragons, 2½-in., \$2 per 100; \$15 per 1,000; 500 at 1,000 rate. Cash. Clement S. Lewis, Aldan, Del. Co., Pa.

Snappedragons, 2½-in., white, pink, yellow and red, \$3 per 100. Cash please. Harry Heintz, West Toledo, O.

## STEVIA.

Stevia, \$1 per 100; \$8 per 1,000. Express paid. C. Humfeld, Clay Center, Kans.

## SPIREAS.

Spiraea. J. Smits, Ltd., Naarden, Holland.

## STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

## SWAINSONA.

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

## VEGETABLE PLANTS.

VEGETABLE PLANTS. Cabbage: Chas. Wakefield, Succession and Danish Ball Head \$1 per 1,000; \$7.50 per 10,000. Lettuce: Grand Rapids and Big Boston, \$1 per 1,000; \$7.50 per 10,000. Cauliflower: Henderson's Early Snowball, equal to transplanted, \$2.50 per 1,000. Tomatoes: Transplanted, \$3 per 1,000. Our plants are in excellent shape and well hardened in cold frames. Careful packing, prompt shipment. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Vegetable plants. Cabbage: Wakefield, All Head, Succession, etc., \$1 per 1,000; 10,000 and over 5¢ per 1,000. Lettuce: Grand Rapids, Big Boston, Boston Market, Tennis Ball, \$1 per 10,000 and over, 5¢ per 1,000. Celery: White Plume, \$1 per 1,000. Beet: Crosby Egyptian and Bollege, \$1.25 per 1,000. R. Vincent & Sons Co., White Marsh, Md.

Cabbage plants; lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.



Sweet potato plants, yellow Jersey stock, \$2 per 1,000. Mosback Greenhouse Co., Onarga, Ill.

Pot tomato plants, best early varieties, \$2 per 100. Cash, please. F. Windeler, Rushville, Ind.

Tomato plants, 3-in., \$3 per 100. Society of the Divine Word, Tiching, Ill.

#### VERBENAS.

Verbena, 4 colors or mixed, 2-in., 2c. J. L. Schiller, Toledo, O.

Verbena, seedlings, 2½-in., \$2.50 per 100. Cash please. Harry Heind, West Toledo, O.

Verbena, J. L. Dillon, Bloomsburg, Pa.

#### VINCAS.

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid; by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

Vinca variegata, 2-in., 2c; rooted cuttings, \$1 per 100; \$8 per 1,000. Russell Bros., Route 4, Syracuse, N. Y.

Vinca Var., strong, 4-in., 10c; 4½-in., 12½c; 5-in., 15c. Cash please. Harry Heind, West Toledo, O.

Vinca minor, field-grown, stock, strong plants, 4c. Mosback Greenhouse Co., Onarga, Ill.

Vinca variegata, 2-in., \$2 per 100. Reesor Plant Co., Springfield, O.

#### VIOLETS.

##### VIOLET CUTTINGS.

FANCY PRINCESS OF WALES.

\$12 per 1,000.

KENNICOTT BROS. COMPANY.

163-165 N. Wabash Ave.,

CHICAGO.

Violet Swanley White, \$3 per 100. Storrs & Harrison Co., Painesville, O.

#### BOILERS.

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

#### INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.00; 1,000 lbs., \$6.50; ton, \$12. Schaff Bros., Van Wert, Ohio.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Soothoff Co., Mount Vernon, N. Y.

Nikoteen, plant bottle, \$1.50. Nikoteen Aphs Punk, \$8.50 per case of 12 paraffined boxes.

#### MISCELLANEOUS.

Galvanized wire stakes, 4 ft., \$1 per 100; \$9 per 1,000; 5 ft., \$1.25 per 100; \$11 per 1,000. Japanese cane stakes, 4 ft., 75c per 100; \$6 per 1,000. A Henderson & Co., 102 N. Wabash Ave., Chicago.

Coal, Sunshine, Indiana Brazil Block, Pocahontas, W. Va. Salent, Loughlopheny, Southern Illinois R. Co. Whitest Coal and Mining Co., 537 S. Dearborn St., Chicago.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

Cliffions. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Coal, Black Gem Block, Illinois, Indiana lump, Hocking lump, Smokeless coals, Black Gem Coal & Coke Co., Old Colony Bldg., Chicago.

Florist Coal, New River, Pocahontas and W. Virginia. Pinger Coal Co., Old Colony Bldg., Chicago.

Model extension carnation support; galvanized zinc stakes. Igoe Bros., 298 N. 9th St., Brooklyn, N. Y.

Gummed gold, silver and purple letters. J. Lichtemberger, 1604 E. 4th Ave., New York.

## Everything for the Greenhouse

**Woodwork, Glass, Pipe,  
Boilers, Fittings, Hose,  
Ventilating Machinery**

PRICES ALWAYS RIGHT.

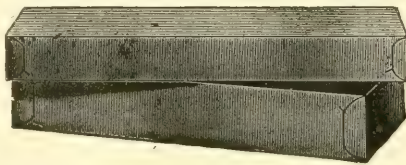
**JOHN C. MONINGER GO.,** —902— Blackhawk St., Chicago

## GLASS

We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

**W. R. Jones & Company**

502 Union Nat. Bank Bldg., COLUMBUS, O.



**CUT FLOWER  
AND  
Design Boxes**

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,  
MILWAUKEE.**

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Boigiano & Son, Baltimore, Md.

Mastics for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Peerless Sulphur Blower, \$4. McMorran & Co., 102 N. Clinton St., Chicago.

Boiler fuel, all sizes. H. Munson, 506 N. State St., Chicago.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Superior Carnation Staple, 1,000 for 50c. L. J. Walte, 293 Main St., Springfield, Mass.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Iron reservoir vases and lawn settees. McDonald Bros., Columbus, O.

Plant bed cloth, waterproof sheeting, bay grass, etc. Henry Derby, 123 F. Chambers St., New York.

Cliffions, any color, 4-in. wide, 3c per yard; 6-in., 4c; 10-in., 6c. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

New imported florists' baskets. The Radelin Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Seed packets. The Brown Bag Filling Machine Co., Fitchburg Mass.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St. NEW YORK.

Mention the American Florist when writing

#### POTS, PANS, ETC.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Pots of all kinds. L. Hrudka Pottery Co., 2619 Herndon St., Chicago.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

#### RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 9 feet, per 100, 90c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

**If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It**

# Florists' Coal!!

New River, Pocahontas  
and W. Virginia Coals.

Write or Phone for Immediate  
or Summer Deliveries.

## Pinger Coal Co.

Phone Harrison 6823.

Old Colony Bldg., Chicago.

### Notes of the Chicago Coal Trade.

The price of coal will remain at its minimum until September 1, and greenhousemen who have the room and facilities will find it of great advantage to stock up at the present low summer prices and by so doing save from 30 to 35 cents per ton, which would average a clear saving of over \$12.00 per car.

R. C. Whitsett, of the Whitsett Coal & Mining Co., reports very favorably upon his greenhouse business. He has renewed many of last year's contracts for immediate and summer delivery. He expects large gain over last year in the greenhouse trade and has an extensive list of satisfied greenhouse consumers which he will furnish upon request. As a special inducement he is offering his Sunshine Lower Vein, Brazil Block, Pocahontas mine run, etc. at greatly reduced prices for June delivery and contract.

The Black Gem Coal & Coke Co. reports a very busy month for May, and as a consequence of this and the added agency to their jobbing department of the Producers' Coke Co. of Uniontown, Pa., they had to look for more breathing space, entailing a change from their offices on the eighth floor of the Old Colony building to suite 1535 in the same building, which gives them increased floor space and where they now feel at home. They are now ready to ship a very fine grade of greenhouse coal at greatly reduced summer prices.

Pres. Pinger, of The Pinger Coal Company at the Old Colony building, is busy these days making preparation for his coal orders from the greenhouse men, for after his successful season last winter, he is certain that he can compete with any dealer, for he has the goods, the facilities for quick shipments, and is quoting his coals at very reasonable prices, which is a good drawing card for his company, and of great interest to the greenhouse coal consumers.

Pres. Van Dyke, of the Harrisburg-Franklin Coal Co., returned last Saturday from an extended tour of his greenhouse trade. His reports from the middle western states are very favorable and he has been quite successful in renewing many of his greenhouse orders for immediate and fall deliveries with the result that he is all smiles when greenhouse trade is mentioned.

SPRINGFIELD, O.—At a meeting of the Florists' Club held May 8 John M. Good was the essayist of the evening and gave an interesting talk on the classification of roses. The beautifying of the esplanade and the instituting of a rose garden at Snyder Park were discussed at length.



This is the U-Bar the Bar that makes U-Bar Greenhouses the Famous Greenhouses they are.

Compactness was desired—the height of productiveness was required. Attractive it must be. Economical to heat and work were things the gardeners insisted on. The U-Bar plan, design and construction won out because it stood the test of all the requirements. The reason—the main reason—is the U-Bar—the Bar that makes the U-Bar greenhouses the famous greenhouses they are. No other curved eave house has the U-Bar so don't be misled by houses that look like the U-Bar. Send for catalog. It gives another view and a plan of this particular house.

## U-BAR GREENHOUSES

PIERSON U-BAR CO

ONE MADISON AVE. NEW YORK  
CANADIAN OFFICE: 10 PHILLIPS PLACE, MONTREAL

# Florists' Coal a Specialty

Miners and Shippers of the Better Grades only,

**W. Virginia, Indiana and Illinois Coals**

**Harrisburg-Franklin Coal Co.**

Phone Harrison 7891,

Fisher Building, CHICAGO

LET US HAVE YOUR INQUIRIES BEFORE ORDERING.

## Black Gem Coal & Coke Co.

OLD COLONY BUILDING, CHICAGO.

Save Money  
Order Now

**Black Gem Block**

**Illinois, Indiana Lump, Hocking Lump,  
Smokeless Coals.**

Write us—Tell us your needs—We will quote bargain price for immediate or summer delivery. Long Distance Phones Harrison 962--1163.

**R. C. Whitsett Coal and Mining Co.** Long Distance Phone 8032  
537 South Dearborn St., CHICAGO.  
We Mine and Ship the Following High Grade Coal:

SUNSHINE  
INDIANA BRAZIL BLOCK  
POCAHONTAS

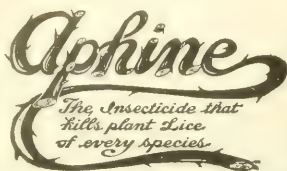
**COAL FOR**

WEST VA. SALENT  
YOUNGHOGBEN  
SOUTHERN ILLINOIS

Write us for names of satisfied customers, both as to quality and service, who have used our for the last 5 and 10 years. Also for our special summer prices.

**IMMEDIATE OR SUMMER DELIVERIES.**





Destroys green, black and white fly, red spider thrips, mealy bug, brown and white scale and all soft bodied insects.

An excellent cleanser for decorative stock. Used as a spray you can rely on it for positive results, without fear of failure or dissatisfactory action.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material.

It has no equal for destroying mildew on roses and carnation rust.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.

Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners park departments and state colleges of the country.

Aphine and Fungine can be used in house or field.

Manufactured by

**Aphine Manufacturing Company**

MADISON N. J.

## GALVANIZED WIRE STAKES

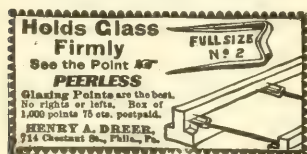
|             |        |        |
|-------------|--------|--------|
|             | 100    | 1000   |
| 4 feet..... | \$1.00 | \$9.00 |
| 5 feet..... | 1.25   | 11.00  |

Write for price on larger quantities and other sizes.

JAPANESE CANE STAKES  
6 feet.....\$0.75 \$6.00

**A. HENDERSON & CO.**

162 N. Wabash Ave., Chicago.



**SIEBERT'S ZINC**  
Never Rust  
GLAZING POINTS

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass shattering. Effective on large or small glass. Easy to drive. Two sizes 3/4 and 1/2, 40c per lb., by mail lfc extra: 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

RAND OLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburg.

## Peerless Sulphur Blower

"A great improvement over the bellows."

Price, \$4.00 F. O. B. Chicago.

**McMORRAN & CO.**

162-166 N. Clinton St., CHICAGO

## Flower Colors

Use our COLOR CHART in describing them.

PRICE, \$1.00 POSTPAID.

**American Florist Co.,**

440 S. Dearborn St., CHICAGO

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

Sold through Seedsmen and Dealers in Florists' and Poultry Supplies.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your Dealer about our Extension Hose, Extension Rods, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

**J. G. MASTIN CO.**

3124 W. LAKE STREET, CHICAGO, ILL.

Mention the American Florist when writing

## Nikoteen

for spraying plants and blooms.

## Nikoteen

refined; it is clean and easy to apply.

## Nikoteen

over a flame. Full Pint Bottles, \$1.50.

The most effective and economical material there is for spraying plants and blooms.

Is skillfully extracted from leaf tobacco and carefully

refined; it is clean and easy to apply.

does the work when vaporized either in pipes or

over a flame. Full Pint Bottles, \$1.50.

## Nikoteen Aphis Punk

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

Price \$6.50 per case of 12 paraffined boxes

All Seedsmen.

## Carman's Antipest

INSECTICIDE AND FUNGICIDE

For the Garden, Orchard and Greenhouse

Non-poisonous and harmless

to vegetation.

Kills Green Fly, Aphides, Bark Lice,

Thrips, Mealy Bug, Red Spider, Scale,

Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy

use, cheap and effective, mixes readily in

water. Destroys all insect pests and

keeps down mildew. Circulars on applica-

tion, \$1.50 per gallon. Also in

quarts, half gallons and in bulk.

**PERFECTION CHEMICAL CO.,**

FLUSHING, N. Y.

Approved by the New York State Agricultural

Dept. Certificate No. 223, July 8, 1910

Guaranteed under insecticide act. 1910.

Serial No. 91 of U. S. Agricultural Dept.

## Cattle Manure in Bags Shredded or Pulverized



Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

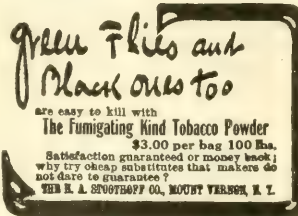
## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequalled for all field use. Write for circulars and prices.

**The Pulverized Manure Company**

32 Union Stock Yards. Chicago

Mention the American Florist when writing



are easy to use with

The Fumigant Kind Tobacco Powder

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back;

why try cheap substitutes that makers do

not dare to guarantee?

THE R. A. SPOFFORD CO., MOUST YERSON, N. Y.

## Greenhouse Construction.

By Prof. L. R. Taft.

AMERICAN FLORIST CO.

440 Dearborn St.,

Price \$1.50

CHICAGO



## THE BEST Bug Killer and Bloom Saver

For PROOF Write to

**P. R. PALETHORPE**

COMPANY,

Owensboro, Ky.

## ADVANCE MACHINES

Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2 inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.



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Progressive Florists recognize the growing importance of knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250 page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.



## For Florists' Use

We are positively headquarters for two best grades,  
1 bale or 10 bales.

Write today for prices.

**VAUGHAN'S SEED STORE**  
New York Chicago.

## Boiler Flues

4in. and other sizes cleaned and trimmed ready for heating; retubing boilers and gutter posts. Prices right. Also sales agent for Stuttle's Patent Clamp for joining flues.

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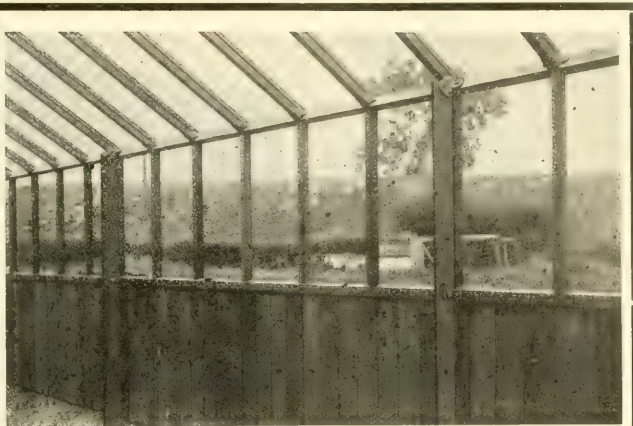
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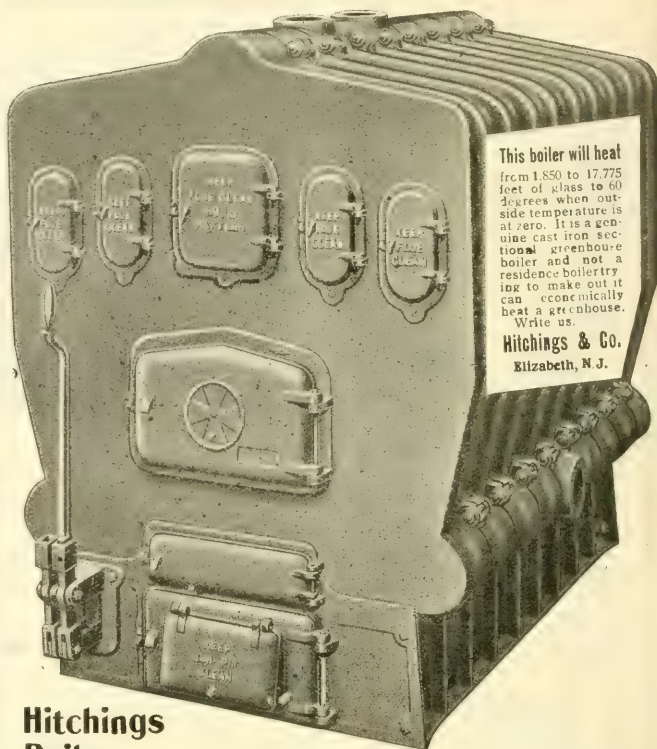
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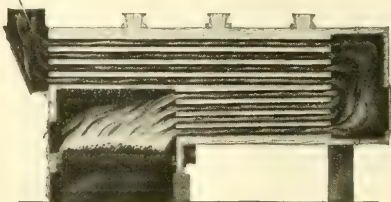
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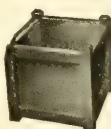
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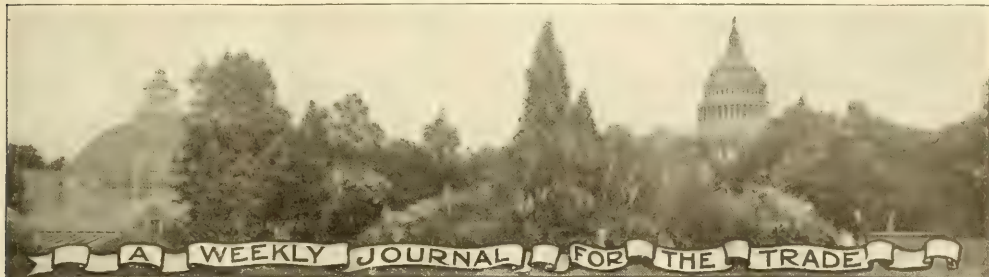
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# THE AMERICAN FLORIST



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Vol. XXXVI

CHICAGO AND NEW YORK, JUNE 3, 1911.

No. 1200

## THE AMERICAN FLORIST

TWENTY SIXTH YEAR.

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### Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue as otherwise they may miss some of this high grade work.

## SUGGESTIONS FOR CUT FLOWER GROWERS

### Asters.

The early asters should be in the field and have obtained a good start by this time, but it is not too late to make a last sowing for fall blooming to come in the last of September when there is generally a shortage of good stock. Seed sown outside in a good seed bed will germinate very quickly at this season and the plants grown from seed thus sown are much less liable to disease than those raised from seed sown under glass. This disease, which is often called the yellows, seems to be acquired in the seed boxes in the houses for we have never had any trouble with seed sown out doors with this disease in the aster plants. It is better if possible, to plant the late asters where they can be protected from the early frosts. The first frosts in the fall are often followed by pleasant warm weather and if they are severe enough to kill the tender plants a scarcity of stock is the result and a late bed of asters that can be protected is very remunerative.

### Cutting Summer Flowers.

Much of the value and keeping quality of flowers grown outside is dependent upon the cutting and care. The flowers should be cut either in the early morning or after the warm hours of the day toward evening, but the morning is far preferable and at that hour before the sun's rays are so hot that the plants have lost that crisp freshness which they have in the early morning, when if all are not picked it is better to wait until evening. They should never be picked during the warm midday hours when the sun is shining hot upon them. And another matter in picking summer flowers is not to leave them out of water too long after picking. Some growers will pick and bunch and throw them on the ground until they have an armful and then carry them in and put them all in water. By so doing the first that are picked are often in a half wilted condition and the stems have become air-sealed and will not absorb water quickly enough to ever

fully come back and will not last any length of time. Where many are picked it is better to have jars or vessels of some kind filled with water in the field and as soon as a bunch is picked and tied if should be placed in the water. Flowers picked and handled in this manner will keep much longer and be much more satisfactory.

### Sweet Peas.

As soon as the sweet peas are eight inches high they will need support of some kind upon which to climb. Brush, wherever obtainable, is the best and cheapest if the grower does not have to go too far to obtain it, but many growers cannot get this for there is not any scrub growth available, and some other means must be employed. Poultry wire is used by many growers, but this is expensive where sweet peas are grown in any quantity, and entails considerable labor both in putting up and taking down. A simple and cheap method is to drive two by four posts about eight feet apart and stretch cotton strings on each side of the row fastening to small nails driven into the posts. The strings should be about six inches apart and can be added as the plants grow. In the fall the strings can be cut and burned with the tops reducing the labor considerably.

### Gladiolus.

To have good straight spikes of gladiolus is absolutely necessary to have them look well and be satisfactory, and the plants must be supported in some manner or the winds will blow them down and the spikes will become crooked. When the bulbs are planted in uneven rows a stake will have to be placed beside the bulb and as the plants grow tied to this, but where the bulbs are planted in straight rows posts can be driven in the ground about every 20 feet and strong wires stretched from the end post and fastened to the intermediary posts, and as the plants grow they can be tied to the wires. The wires should be about ten inches apart, the lower one one foot from the ground.



### Keeping Flowers in Summer.

To successfully keep flowers during the summer months is a troublesome proposition both to the flower grower and the florist, either in the store or at the greenhouse with those having a retail trade. The store is invariably provided with a refrigerator as are also many greenhouses, but it has always seemed to us that ice never was beneficial to flowers that while they looked very well when taken from the ice chest, yet they last but a short time after being exposed to the air. A much better way to keep flowers during the summer months in our experience is to place them in a dark cool cellar, which can be closed tight during the day and opened in the cool hours of the night. The cellar should preferably be on the north side of the building, but if not the windows on the south side should be boarded up and tightly closed. The floor should be cemented and kept wet. In such a cellar the thermometer can be kept at about 40 to 50° temperature and flowers will keep in good condition a long while. If the cellar gets too warm a large block of ice placed on the floor will greatly assist in lowering the temperature. Another important factor in keeping flowers is the manner of handling them in the water. They are very often kept too wet. The flowers grown during the summer months are very soft and succulent. When first picked they should be placed in deep vases full of water, the stems being all even and going well into the water. They should then be placed in a cool, damp place where there are no draughts. After standing a few hours, long enough to absorb water, the whole length of the stem, the water should be poured off and about three inches of fresh water placed in the vase and the flowers stood in this. They will keep very nicely if treated in this manner and the stems will not become soft and rot as quickly as when standing in deep water for a long period. The water should be changed often for it very quickly becomes tainted. Flowers placed in water in this manner and in a dark cool cellar with plenty of moisture, that is thoroughly ventilated at night will keep much better and last much longer after being exposed to the air than those placed in refrigerators. Hardy ferns can be kept in this manner for a long time; these dry up if left out of water and quickly spoil if placed in deep water, but with a little water in the bottom of the vase and placed in cool dark quarters the water being changed each day they will keep for weeks. If the tips get dry and shrivel they can be thrown into a tub of water and will freshen up again.

MUNCIE, IND.—Articles of incorporation have been filed for the Williams & Clark Floral Co., with a capital stock of \$10,000. The directors are Emma Longfellow, R. J. Williams and C. C. Clark.

SYRACUSE, N. Y.—The prize committee of the Syracuse Rose Show, which is to be held at the Y. M. C. A., June 19-20, has arranged for 50 classes, 40 of which are offered for amateurs. An invitation has been extended to the children of the Onondaga Orphans' Home, St. Vincents Orphan Asylum, and the House of Providence to visit the show on the afternoon of the second day.

## THE RETAIL TRADE

Conducted by Robt. Klft, Philadelphia, Pa.

### Wedding Decorations.

SEE SUPPLEMENT WITH THIS ISSUE.

The month of June has always been the popular selection of brides for the wedding ceremony and the florist is sure to be called upon to decorate for one or more of these occasions during the month. It is also the month of roses and these are always in demand and the popular flower for these ceremonies, but there are always many other flowers that are available for the purpose of decorations that can be advantageously used, such as the many hardy shrubs and herbaceous flowers that bloom so profusely during this month, especially can these be used in the large decorations. The church decorations are generally the more elaborate affairs and require the use of a large amount of both plants and flowers. The backgrounds of churches are seldom the best to make the flowers show to the best advantage and a background of palms and decorative plants or festooning and draping of greens is required. It is therefore necessary that a good line of decorative plants is at the command of the decorator especially during June, for with that favorite green for these occasions, the southern smilax, out of the market, the indoor greens are the only ones available, except for very heavy decorations when the laurel can be employed, and these make a large decoration very expensive. Most churches are finished with dark hard wood, and the walls often of a soft gray, which do not either harmonize

nounced feature of the work. Whatever is chosen it is better to use the flowers with which a large effect can be produced like the lilies or peonies, but some of the cut shrubs are equally adaptable for this purpose, the sprays of philadelphus, often called syringa, are very effective when properly tied on the pew rails. House decorations will require the same careful consideration that is given to receptions and parties, that is the flowers chosen should be in harmony with the walls and decorations in the rooms, and these should be carefully studied that the proper contrasts may be brought out. Ribbons upon the pew rails and in other suitable locations are a necessary adjunct to these decorations but should be selected with care and used with judgment.

### London Theatre Decorations.

The attractions at Drury Lane theatre on Wednesday night, on the occasion of the gala performance given by command of the King in honor of the Kaiser and Kaiserin, were many, and certainly not the least important was the remarkable demonstration of floral art by W. Cutbush and Son, of Highgate and High Barnet. The decorations of the grand entrance, the rotunda, the rotunda gallery, the king's staircase, the retiring rooms, the balcony, and some other parts of the house were entrusted to this well-known firm, and it is not too much to say that in the execution of their commission they surpassed themselves, a feat not easy of accomplishment having regard to the high position they occupy as floral decorators. The general scheme was characterized by



THE KING'S STAIRCASE, DRURY LANE THEATRE, LONDON, ENGLAND  
As Decorated By W. Cutbush & Son, May 17, 1911.—From Gardeners' Magazine.

or contrast with the flowers, especially with the pink shades, and the green background becomes an absolute necessity. The selection of flowers for the pew rails which is a prominent feature in these decorations is made a careful study by the prominent florists, and with the vast amount of material which can be obtained at this season this part of the decoration can be made very handsome and a most pro-

lightness and softness of coloring; but, soft as were the colors of the flowers of the various kinds of plants employed, they were sufficiently bright to produce a rich and tasteful effect. The chief flowers employed by Messrs. Cutbush in carrying out the scheme of decoration were rambling and dwarf roses, the pure white *Lilium Harrisii*, bright pink hydrangeas, white marguerites, and rich red rhododendrons,

and in association with them were graceful palms in variety and bamboos.

The grand hall was richly embellished with rambling roses and hydrangeas, and gave an excellent foretaste of what was to follow. The rotunda was remarkably attractive, the plants being arranged to form a series of four bold groups in which large specimens of finely-flowered rambling roses, white lilies, and white marguerites, relieved by tall feathery palms, such as *Cocos flexuosa* and *Acer negundo variegata*, the white variegation of which produced a delightful contrast as seen under the influence of the electric light, to the pink, rose and red hues of the rambling roses. Ascending to the rotunda gallery there are a dozen or more alcoves, all of which were filled with rambling roses grown in pillar form, and white lilies set in a groundwork of dwarf polyantha roses which were splendidly flowered, and contributed in no small degree to the general effect. Between each alcove was a well-developed specimen some seven feet or eight feet high of the elegant *Cocos flexuosa*. From the cluster of electric lights depending from the roof were festoons formed with Dorothy Perkins roses and trails of smilax, and these caught up and the lower ends secured to the balustrade, produced a distinct and extremely beautiful effect.

Leading from the rotunda gallery is the king's staircase, and this Messrs. Cutbush were successful in embellishing in a manner that, if not beyond praise, was such as to deserve the heartiest commendations. Rambling roses were used trained as specimens, chiefly in pillar form, and also for clothing the balustrades with foliage and flowers. At the base of the roses was a fringe of flowers, chiefly dwarf roses and white lilies. The floral decorations in the large apartment set apart for the King and Queen, the Kaiser and Kaiserin, and their suites were characterized by simplicity; and, while these were remarkably beautiful, the chief effect was produced by the tall, finely furnished kentias, of which there were a dozen or more. In the grand circle brightness was given by festoons of pink roses and smilax and asparagus, and over the stage were bold festoons of laurel.

It may be of interest to add that in carrying out the decorations which we have thus briefly described, W. Cutbush and Son utilized 2,000 pot roses, 1,000 palms, 400 marguerites, 250 hydrangeas, 2,000 ferns of various kinds, and 250 *Lilium Harrisii*. The principal roses were Dorothy Perkins, Electra, a scarlet polyantha of much merit, Hiawatha, Mrs. F. W. Flight, and Crimson Rambler. In addition to the decorations Messrs. Cutbush supplied 105 bouquets of carnations, each consisting of 12 blooms arranged as posies with their stalks in silver handles. With the exception of two, the variety used was the rich pink Winsor, and in these two, which were presented to the Queen and the Empress of Germany, the rich pink Malmalson Princess of Wales was used. The task undertaken by W. Cutbush and Son on Wednesday was a heavy one, and the success achieved was so complete that they may be heartily congratulated on the results of their efforts.—*Gardeners' Magazine*.

### The Armlet Corsage.

Too much stress cannot be laid upon florists recommending this improved style of corsage for all dancing and wedding functions. It is worn on the left arm just above the long elbow glove, where it will keep in much better condition as it is not crushed like the old style corsage with its recent stupendous dimensions. The armlet corsage has become very popular in Paris and London and wherever it has been suggested, and bids fair to be more so for the 1911 June weddings.

A marguerite amulet corsage made with small showers, using the buds just breaking for the showers attached to white gauze ribbon, makes a pretty setting for the bridesmaids. Again, an amulet made of lily of the valley arranged to encircle the upper arm, massing the flowers and tapering toward the elbow, in a sort of a triangle form with the point downward, with small showers attached to white gauze ribbon, is effective. Sweet peas make a good amulet combined with lily of the valley, using the valley for the showers. A choice and dainty selection for the amulet is the little pink moss roses combined with maiden hair ferns. White lilacs, arranged in small clusters, is excellent, but the clusters must be very small and arranged on a wire stem with a few small clusters of the flowers drooping for the shower, if a shower is to be used, but do not use the foliage of the lilac, maiden hair in small bunches will make a much more dainty amulet. Pansies are also a very nice combination with maidenhair.

A. E. KILMER.

### Hints for the \$1,000 Rose Contest.

It is fair to assume that rose-growers all over the United States will desire to compete for the \$1,000 offered by the Panama-California Exposition Co. for a new rose, and also that most of them will be unaware of the peculiar conditions confronting a rose when it strikes the soil of San Diego, writes Alfred D. Robinson in *The Californian Garden*, and a few hints by one who has grown roses extensively in the locality may therefore be useful.

It has to be a dry weather rose, for eight consecutive months in the year are practically rainless. It has also to be able to take a steady sun diet. Experts probably can better work out the requirements from examples: Kaiserin Augusta Victoria is decidedly the best rose grown in habit, quality of first class bloom and continuous blooming season. If it has a fault, it is that it is too full and heavy. The Cochet all do well, but their straggling habit of growth is against them, and they are very apt to be weak in the neck. General McArthur does wonderful things, but it is not so floriferous as the two former. It is the only one so far tried here found to be really satisfactory. Frau Karl Druschki does well but has practically only two crops a year, one in the spring and the other in the fall if dried off in the summer. Clara Watson is prone to mildew and no other as capable of meeting the conditions of the contest as those mentioned. If Kaiserin could radically change its color it would probably win very easily.

NORTHAMPTON, MASS.—F. D. Keyes is preparing to add a greenhouse 28x75 feet to his plant on Fruit street.

## THE PERENNIALS.

### Bulbous Flowers.

The borders are now full of promise of good things to come, narcissus are in full bloom and tulips are showing buds in great variety, these will be a great display in a few days, reminding us that these indispensable flowers of spring are the great feature at this time. The better way in all border planting is to plan for this spring effect, to be followed by the earlier herbaceous plants, and these of themselves will complete the year in the garden. There is only one way to plant bulbs and have them look well with the other occupants, and that is to follow the plan as adopted with the rest of the planting, in masses not too streaky. We have seen borders that when planned looked like breakfast bacon, a streak of lean and another of fat, and this was the appearance all summer, the idea being when one kind went out of bloom, it was not missed, but made up by the other. It did not satisfy at any season and all was changed. If tulips are to be used, the one variety should be by itself to get first of all the effect of color, and again, the season of bloom, for among the various groups there is a wide season, beginning with the early bedders and ending up gloriously with the Darwin section. The first named are useful only for the earliness, and the later the kind to bloom, seemingly the longer they last and the better the quality or texture of flower. It should be borne in mind too that it is not necessary or even wise to lift the bulbs each year after flowering, but let them remain at least three years if they seem to do well. By that time the various groups must be marked when in flower and lifted after the foliage has died down, keeping each kind separate, for there is no greater abomination than a mixture, especially that of the several classes of tulips. When lifted and dried slowly in the shade the better bulbs may be sorted, cleaned and put away for planting later on at the proper time.

The narcissus seem to be specially fitted, when planted in clumps, for the beautifying of margins of shrub plantings, they add interest before other bloom is noticeable, and the various sections of the family are all adapted to this use from the white Poeticus to the giant Emperor and Empress, using the same general plan of masses of one kind, or in small borders a good group of say 10 to 12 bulbs of each will give the same result. The Poeticus will also do well in grass and become naturalized, we have had them live and flower freely in an old orchard for 75 years and this without any care or nourishment, there is little doubt we owe many of the diseases of bulbs to overfeeding with rich manures. The proper time and the best way to lift bulbs is when the leaves are about to die down late in June, the root action is also completed, but with the Poet's Narcissus this is never quite dormant and no matter when one lifts these there are some live roots, but the rule holds good.

Spanish and English iris have come to the front as forced flowers of late in a surprising way, and these are even better when grown in the borders, they are better the second year and should be lifted the third for the bulbs in-



crease rapidly by offsets, and the larger ones are far better than one can import from Holland. The English iris flower is later than the Spanish and are stronger flowers; it is well when planting outdoors to combine the two in some way to get the prolonged season. One has to be careful when buying these to avoid the olive-brown tints as these are not pleasing to many people, but the clear white, blue and yellow seen in the other varieties are most pleasing, especially when we see a vase of one color nicely arranged. These iris seem to do well in our heavy clay soil when it was supposed a sandy well drained loam was essential. There are surprises every year to those who have pre-conceived ideas, and the fortunate one is he that can change, or rearrange his notions so that they may be of use to him later on. This is an essential in horticulture.

It may be with reason said that this talk on bulbs is not in keeping with a series on herbaceous plants, but when we realize how much is due in the way of decorative value each spring to the bulbs, it would be a bare garden without them. The three kinds named are by no means all of value, as much more could be said about the scillas, chionodoxas, puschkinias, snowdrops, erythroniums and others, all of which come and go before the tulips begin. All of these are best naturalized in grass that need not be cut with the lawn mower early in the year. Their foliage matures in summer and this must be allowed to grow or the bulbs soon lose vitality. We have made the mistake in the past of planting these little bulbs too deep to avoid frost. This was a wrong reasoning, for frost does not hurt them and we cannot avoid its action except by too great a covering for the good of the roots. Let them take their chance in the woods or semi-wild garden spots with the trilliums and hepaticas, and they will be harbingers of the pleasure to come year after year.

Nothing is more harmful to bulbs than direct contact with manure newly dug in the ground, and if advantage is taken of the lifting of them to enrich the soil and replant the other occupants, it is well and most necessary to remember that bulbs are often started to decay through the application of natural manures newly applied and not well mixed with the soil. If any vacancies appear after the winter, and are not already filled up, it is still possible to plant annuals either by seed or transplanting. There should be no bare ground at mid-summer; weeds are said to be plants out of place; plants in place is one of the best means to keep weeds out. E. O. ORPET.

#### The English Wild Garden in Spring.

At no time of the year is the wild garden more beautiful or more worthy of attention than during the last few weeks of winter and the early spring months, for throughout that period there is apparently no end to its attractions, as no sooner have we turned from one pleasant feature than another presents itself, only to be supplemented and multiplied many times over by other beautiful effects. The time for planting has gone by; but this is the period to work out schemes for future use, and the would-be



BRIDE'S BOUQUET OF LILY OF THE VALLEY.

planter will be wise to carry his notebook wherever he goes, in order that he may jot down any particularly effective grouping of plants which claims his attention or any new idea which may occur to him. A stroll through the woods of Kent, Hertfordshire, Buckinghamshire or elsewhere is time well spent, for many of these woods are brimful of suggestions, Nature having dealt out showy flowering plants with a lavish hand. The lanes and woods of the south-west counties, again, afford much food for thought, and the visitor returns with visions of fern-clad walls and banks, with hosts of flowering plants intermingled. Such effects as these are the ones which the gardener must try to foster, for it is entirely in his hands as to whether the

wild garden is to be a success or not. The keynote to the whole scheme must be simplicity, and anything of an artificial, formal nature must be avoided.

Turning to our native woods, what more beautiful effect can be imagined than wide stretches of common primroses, relieved here and there by trailing ivy, wood anemones, violets and wood-sorrel, while the more open meadow-land near by is aglow with cowslips? Such effects as these may, with a little care, be introduced into the park or woodland surrounding a residence, while the use of proper exotic plants makes it possible to add considerably to our showy native plants. The value of native plants, however, for this kind of work cannot be over-estimated, and people



BRIDE'S BOUQUET OF ORCHIDS AND LILY OF THE VALLEY.

would often do better to rely on them alone, rather than plant the unsuitable subjects one sometimes meets with.

In grassland many picturesque effects are noticeable in spring from the various narcissi. Here and there the tiny *N. minor* occurs wild, and where this happens it is the forerunner of the other kinds, for its flowers may be found any time after the beginning of February. The double-flowered daffodil is another early-flowering kind, for it is frequently at its best before the end of March. This is effective wherever it is found, whether growing in wild, irregular groups in the open, as solitary clumps in woods, or on the bank of a lake or stream where its nodding flowers are reflected in the water.

April finds the majority of the narcissi in bloom and many acres beau-

tiful with such kinds as Emperor, Empress, Sir Watkin, Incomparabilis, Leedsii, Bari and Poeticus. Unfortunately, a discordant note is sometimes struck by improper planting, and one sees formal-shaped clumps painfully regular in size and distribution. Such planting must at all cost be avoided, and that is one reason why the planter should make special note of areas which have been well planted. It is often difficult to get men to plant tastefully, says a correspondent of The Garden, for while half a dozen men may be given similar instructions and shown exactly what is wanted, one may, perhaps, do his work very much better than the others, for there appears to be a strong tendency to formality, and it is only the man with an artistic tendency who grasps the idea quickly of reproducing a natural

effect. Earlier in the year crocuses gave evidence of their suitability for clothing conspicuous mounds beneath trees with showy flowers. They are better suited than later-flowering plants for places where the grass must be mown early, for their foliage dies down in May.

In shady places anemones make a brave show, for in addition to the common wood anemone (*A. nemorosa*) we have the blue *A. blanda* and *A. apennina*, the many-colored *A. hepatica*, the taller-growing pasque-flower (*A. Pulsatilla*) and several other kinds, all of which provide an attractive display. On moist land the common lady's smock, or cuckoo-flower, commands attention by reason of its delicate white or lilac-tinged flowers, while the marsh marigold (*Caltha palustris*) is glorious with large golden, buttercup-like blossoms. Glancing at shrubby plants, effective results are obtained by massing gorse, both single and double-flowered, on dry banks or other open land, while the Mediterranean heath may well be introduced into the landscape. Where such plantations were made a few years ago, the present season finds them in glorious condition. On the outskirts of woods *Cornus Mas* is very effective, while it is possible to introduce such subjects as *Forsythia suspensa* and *Berberis stenophylla* into certain positions with good results. Towards the end of April the common broom replaces the gorse, its golden blossoms being quite as conspicuous. Shady places may be planted with *Vinca minor* and *V. major*, and occasionally these plants are found in a state of nature associated with the lily of the valley. It is not often that *Daphne Mezereum* is found, either wild or naturalized, but the spurge laurel (*D. Laureola*) is frequently seen in chalky districts. Though its flowers are not showy, they are deliciously fragrant, which makes their presence perceptible from a considerable distance. Space will not allow of attention being directed to more of the many plants of herbaceous or shrubby habit which are conspicuous at the present time; but intending planters should be ever watchful for effects worthy of reproduction.

#### European Dog's-Tooth Violets.

Few flowers of spring are more beautiful than the dog's-tooth violets, or erythroniums; of these the European *E. dens-canis* and its varieties form the subject of this note. The American species and their varieties are rarely beautiful; but the European species is even easier to cultivate, and is so cheap nowadays that it may be planted in quantity. As a plant for the grass it is very beautiful, states a correspondent in The Garden, giving in its season dainty reflexed flowers. Cyclamen-like in their habit, and lifted above the charmingly marbled or spotted leaves which are so characteristic of the dog's-tooth violets as a rule, but which are never more beautifully represented than among the varieties of these European erythroniums. In the grass these have the advantage that they ripen their leaves early, and are thus out of the way before much mowing has to be performed. The flowers are varied in color, some being of purple red, and others pass through various shades



until pure white is reached. They are variable in size, and selected plants and seedlings are sold under name at a price generally but little higher than for mixtures. The latter are, however, very pretty, and quite good enough for naturalising in the wilder parts of the grounds. For wild gardening and for planting in open places in the woods these flowers are very beautiful, and the fact that they thrive in partial shade as well as in sun renders them more valuable. In the border they are also charming, and

60 to 75 days the grass should be dead and the paper removed and placed upon another spot. Any time during the growing season dig up the grass and shake out the underground stems and roots carefully and remove them from the field and burn them, the object being to get all the underground stems and roots. Plant to hoed crops and keep the grass from appearing above ground and the underground parts will be starved out.

When the whole field is pretty well infested, a system of bare fallow may

without loss of crop is obtained and the land is enriched and put in suitable condition, and this can be followed without departing from farm practice. A smother crop of Hungarian wheat of high germinative power and buckwheat sown thickly, the millet yielding a fair crop of hay, smothering the quack, and the buckwheat to be plowed under, and next spring a cultivated crop planted to cultivate both ways thoroughly and often and all quack removed from the hills. This method will succeed in some seasons, but the other methods are preferable.

The quack grass reproduces itself from seeds and by means of underground stems and is a very persistent perennial weed, and unless the method attempted is thorough and carefully carried out until the grass is entirely killed, the grass will come out a winner.

#### The Boskoop Flower Show.

After a speech by the minister of agriculture, the show was opened by Prince Henry. The judges from abroad present were, Roehrs (U. S. A.), Pynaert, Closon, Kuyk, Stegman, Vuylsteke (Belgium), Hanson (Denmark), Ernst, Müller, Brodersen, Dahnhardt, Hammelbacher, Buchner, Stofregen, Siebert, Freudeman, Lambert, Trintelman (Germany), Russell, Culberth, Cutbush, Thompson, Brydon, Cheal, (England), Grummer, Sagulin (Finland), Ramelet, Roger, Bois, Bouillet (France), Searavotti (Italy) and Kirchhecher (Hungary). They attended the dinners given by the Town Council and the Pomological Society, the boat excursion to the harbors of Rotterdam and the lunch given by the Holland-American line on board the Ryndam.

The show was visited by Queen Wilhelmina, the Queen Mother, the Duchess of Albany, the Count of Arnstutten, the four ministers of agriculture, public works, home affairs and colonies, the English legation, the Mexican mission, the Japanese ambassador, etc., altogether 60,000 persons visited the show in 14 days. It was a great success in every respect. Of all plants sent in rhododendrons and azaleas occupied the first place, further lilacs,



RHODODENDRONS PINK PEARL AND WHITE PEARL AT BOSKOOP FLOWER SHOW.

they can be employed advantageously on the rockery, where they show well when above the ground-level, and if about level with the eye all the better, although it hardly seems natural, and the greater elevation rather depreciates the appearance of the leaves. *Erythronium dens-canis* likes a free and open soil of a vegetable nature, and one composed of loam, leaf-soil and a little sand will suit it well. The roots should be procured as early as they can be furnished by the bulb-dealers and nurserymen, and planted immediately with the crowns about one inch or two inches below the surface.

#### Quack Grass Eradication.

Quack grass has secured a firm hold on many Minnesota farms during the past three of four exceptionally wet seasons, and vigorous measures must be used at once to check this pest or it will secure possession of much farm land, states the bulletin issued by the Agricultural Experiment station of the University of Minnesota entitled "Quack Grass Eradication." As the seed matures comparatively early and remains in the head for some time, it becomes especially dangerous in timothy hay meadows and in the grain fields, for the reason that when the hay is fed to live stock and the straw is used for bedding, the seed goes back into the land with the manure rapidly infesting new spots, and the new seed and the underground stems already in the land, make a rapid process of thoroughly establishing this troublesome pest. Where quack grass once secures possession of a field it will take persistent and systematic effort to eradicate it. Several ways have been found that are effective.

When the grass exists in small spots in different parts of the field the following methods are advised. Mow the quack grass and remove it and cover the spots completely with tar paper, lapping the paper and binding the edges and seams with dirt; in from

be followed, by plowing when the grass is in bloom from June 15 to July 15 getting all parts underground, and follow with a disc harrow, keeping the quack grass completely covered root and stem, double disc the land every three or four days for four or five weeks. It is important that every portion of the field should be thoroughly treated the parts around trees and posts being hand-worked; if followed thoroughly this will eradicate the quack grass completely. Summer fallow following clover pasture with three year rotation of grain, clover and cultivated crop. Cultivate often and remove any quack grass that the cultivator does not reach. A five year rotation; pasture to July 15 and bare fallow, corn in hills to be cultivated both ways, grain, clover and timothy, and meadow pasture. By this method the benefit of a season of bare fallow



AZALEAS, RHODODENDRONS AND ROSE GARDEN AT BOSKOOP FLOWER SHOW.



GENERAL VIEW OF THE BOSKOOP FLOWER SHOW, HOLLAND, APRIL 5-20, 1911.

roses, hydrangeas, Japanese maples, viburnums, magnolias, prunus (amygdalus, Persica, cerasus), cytiscus (laburnum, genista), malus, crataegus, glycine, clematis, andromedas, deutzias, kalmias, robinias, staphyleas, spiraeas, weigelas, peonies, lilies, funkias, ampelopsis, buxus, palms, aucubas, skimmias, pseudolarix, dimorphanthus, etc. There was not room for all the plants which were sent. Among the old rhododendron varieties Kate Waterer, Cynthia, Sir John Eroughton, Charley Waterer, John Walker, Chevalier Felix de Sauvage, Helen Waterer, Fashiosum fl. pl. Lee's Dark Purple, C. S. Sargent and Catawbiense grandiflorum drew special attention and among the new ones Pink Pearl, White Pearl and Strategist excelled, as fine calculated Sappho, Mme. Jules Porgues and Mme. van Houtte. Among the several azalea groups there were very remarkable varieties, such as the Azalea mollis Sinensis Anthony Koster, A. mollis J. C. van Tol, A. pontica fl. pl. Aide and Raphael de Smet, A. indica Vervaeana alba and among the other evergreen azaleas: Jodifolia, amoena, macrantha, Yadoyawa, Hinodegyri and Benigyri. Among the Japanese maples Acer palmatum atropurpureum, A. palm, dissectum atropurpureum, A. palm, disse, variegatum and A. Japonicum filicifolium were especially worthy of mention. Lowii, Henryana, striata and heterophylla elegans were especially noticeable among the ampelopsis sorts. The Japanese cherries especially the double-flowered Shirofugen, Hisakawa and Benifugen were very beautiful. The clematis-plants were exhibited in cones with fence-work.

The varieties Standishii and Miss Bute-man made a very good impression. Among the cytiscus-sorts we ought especially to mention Laburnum Vossii, Genista praeron alba and Genista Andreana prostrata, among the deutzias gracilis, Lemoinei hybrida and Villmoriniana, among the magnolia's Soulangeana, Soulangeana nigra and Norbertinana. Further the beautiful blue glycines, the splendid white hydrangeas with so fine leaves, the beautiful dark red Malus floribund atrosanguinea, the thick lilac-bushes with large bunches in small pots, the exceptionally beautiful Prunus triloba, the tree-peonies, Japanese snowball, Daphne cneorum, the double flowered Amygdalus Persica Clara Meyer, etc., drew special attention. Among the dwarf polyanthas, Jessie gave a very favorable impression, while many hybrid teas with one stalk exhibited their flower in great perfection.

Among the novelties there was much which should not pass unnoticed: the azalea mollis and sinensis varieties, T. Koster and Beauty of Boskoop, azalea mollis Betsy van Nes, azalea occidentalis-hybrid, the Rhododendron Direktor Siebert, Mme. B. de Bruin, Aucklandii-hybrids and Everessianum fl. pl. and Prince Camille de Rohan, the clematis varieties Prince Hendrik and Mr. Patyn, the roses Erna Tenhendorf, Louise Walter and Lady Hillingdon, the lilac, Mlle. van Tol. This first Boskoop show was of more than ordinary importance in its kind. It closed April 20.

HARTFORD, CONN.—J. Albert Brodribb has added a Pope-Hartford delivery wagon to his delivery service.

#### Dutch Bulb Growers' Society.

The following awards were made at the recent meetings of the narcissus committee of the Dutch Bulb Growers' Society at Haarlem, Holland:

First-class certificates to Narcissus King George V. (Group N. Englehearti). Flowers finely formed, round, perianth broad of white color, cup flat and large, citron yellow, orange bordered; Narcissus Mrs. Lizzie Krelage, finely formed flowers of good habit, perianth pure white, large white trumpet with fine curved edge, an improved Mme. de Graaff, E. H. Krelage and Son, Haarlem.

Awards of merit to Narcissus Ajax Money-maker. Obtained from seed of N. princeps maximus, may be regarded as an improved P. princeps. P. van der Meer C. Son, Noordwijk; Narcissus Icicle, flowers pure white, drooping trumpet, not curved. C. G. van Tubergen Jr., Haarlem; Narcissus Mrs. Cato Hoag, perianth and trumpet pure white, flowers somewhat drooping, finely curved, rather short trumpet. C. G. van Tubergen, Jr., Haarlem; Narcissus Jacob Maris, an incomparabilis variety with broad white perianth, cup light yellow, orange-yellow bordered. C. G. van Tubergen, Jr., Haarlem; Narcissus Richard Strauss, a bicolor variety with soft yellow trumpet, Johnstons-like and white perianth, somewhat drooping form. C. G. van Tubergen, Jr., Haarlem; Narcissus incomparabilis plenius Queen of Phoenix, flowers milky white, with soft yellow centre. J. Segers, Sisse, Narcissus Poetas Orange-Cup, a cross between N. King Edward VII. X Pol. Narc. Statin General, flowers double



yellow, with orange cup. J. E. Rommel. Limoness.

There were also medals awarded for groups of narcissus.

### Cement Benches.

The use of cement in all branches of greenhouse construction is greatly on the increase and greenhouse proprietors are experimenting with its adaptability in different parts of the structure. The excessive moisture at some periods and the dryness at others is very detrimental to the life of wood and rapid decay causes an ever-increasing expense. One continual outlay to the florist is the constant rebuilding of benches, in fact, the cost of renewing benches has been one of the great factors which has caused florists to endeavor to grow a crop of as good quantity and quality in solid beds as can be grown in benches. The quality can be produced, but generally at the expense of quantity, and the solid bed advocate is always willing to concede that the grower does not have the same control over the plants in beds that he has in benches. Those who have succeeded in constructing serviceable benches of concrete are loud in their praise of this manner of building, and maintain that the growth of the plant is the equal of those in wooden benches, and that the material is practically indestructible. The construction generally is either of benches built permanently in one piece, or by the use of cement machines. And the first cost has greatly exceeded that of building of wood.

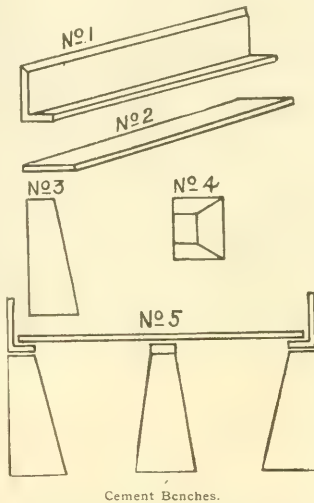
On a recent visit to the George Wittbold Co.'s greenhouses at Edgebrook, Ill., we were shown the manner of constructing cement benches in use by Otto Wittbold, the manager of the plant, and was much surprised at the statement, that benches could be built of concrete as cheaply as when built of wood, and he kindly furnished us with details of his construction and the cost. The molds are made the desired shape and are so fitted that they can be locked together. The concrete used in these benches is of the wet or as is sometimes called slush cement, consisting of one part cement to three parts sand or gravel mixed twice dry and once wet, and then poured into the molds to set and reinforced with wire. The sides of the bench are made in an angle piece (Fig. 1), reinforced with poultry wire bent into shape, and wire rods running lengthwise. The length can be either four, five or six feet as desired, and if properly made the longer lengths are strong enough to support the weight. The height of the side is 10 inches and 1 1/4 inches thick, the angle piece upon which the bottoms rest is 4 1/2 inches wide and 1 1/2 inches thick. Figure 2 shows the cross pieces or bottoms, each piece being reinforced with three wire rods. The length is 55 inches, width eight inches, thickness one inch. The posts are molded with one side straight and the other three sides inclined (Fig. 3) so as to give a good strong base upon which to stand and of these dimensions: height, two feet; top, four inches square; base, eight inches square, the top being finished as in figure 4.

To support the middle of the bench a piece is molded two by four inches,—of the shape of ordinary two by four lumber—of the same length as the sides. This piece is also reinforced by wire rods; two in each piece, and is placed on top of the center posts

extending the entire length of the bench, as will be seen in the illustration of the bench put together (Fig. 5). In the construction, the several pieces are cemented together with the exceptions of the bottoms, which are laid upon the angle pieces when placed in position.

The cost of building a bench in this manner has been carefully computed by Mr. Wittbold, who furnishes the following figures:

|                                     |                |
|-------------------------------------|----------------|
| Side pieces, 5 feet long:—          |                |
| Five hours straightening wire.....  | \$1.25         |
| One roll wire netting.....          | 1.00           |
| 240 wires—125 lbs@7.50 per cwt..... | .90            |
| 8 bags cement @ 31c.....            | 2.48           |
| 32 feet gravel.....                 | 1.60           |
| 26 hours labor.....                 | 6.50           |
|                                     | <b>\$13.73</b> |



1. Side Angle Pieces. 2. Bottoms. 3. Posts.  
4. Top of Posts. 5. Construction of Bench.

|                                 |                |
|---------------------------------|----------------|
| Posts—5 feet apart, 90 in all:— |                |
| 9 bags cement.....              | \$2.79         |
| 54 feet gravel.....             | 2.70           |
| 22 hours labor.....             | 5.50           |
|                                 | <b>\$10.99</b> |

|                               |               |
|-------------------------------|---------------|
| Center piece—2x4 inches:—     |               |
| Labor straightening wire..... | .80           |
| 60 wires—135 lbs.....         | 1.01          |
| 2 bags cement.....            | .62           |
| 7 feet gravel.....            | .40           |
| 6 hours labor.....            | 1.50          |
|                               | <b>\$4.33</b> |

|                                  |                |
|----------------------------------|----------------|
| Bottoms:—                        |                |
| 15 hours straightening wire..... | \$3.75         |
| 675 wires—378 lbs.....           | 2.83           |
| 18 bags cement.....              | 5.58           |
| 72 feet gravel.....              | 3.60           |
| 4 days' labor.....               | 10.00          |
|                                  | <b>\$25.76</b> |

|                             |      |
|-----------------------------|------|
| Labor setting up bench..... | 7.50 |
|-----------------------------|------|

Total cost.....**\$62.81**

In figuring the cost teaming is placed at \$5.00 a day and labor at 25 cents an hour. The molds which Mr. Wittbold uses were built expressly for this purpose at a cost of \$45 which, of course, is a first-cost only, for the molds can be used for years and for as many benches as desired without having to be renewed. The cost will vary to a small extent as the prices of both wire

and cement fluctuate, the present price of cement is seven cents a bag less than the price given in the figures furnished by Mr. Wittbold, which would make a difference of \$2.59 in the cost of the 37 bags of cement. The prices quoted are in carlots and the time to buy is in the winter.

As compared with the cost of wooden benches, a bench of the dimensions as above, made of inch boards for sides and bottoms and two by four lumber for posts and stringers, would require from 1,500 to 2,000 feet of lumber. This would be the lightest material that could be possibly used, and the cost of any serviceable material would be at the least \$25.00 per thousand feet. The labor of building such a bench would not be less than \$10, which would make the claim of Mr. Wittbold good, even when built of the cheapest material, and the life of such a bench is not more than two or three years, while with the concrete bench erected the proprietor has a piece of solid construction that will last for years.

### Propagation of Lilies.

Lilies are propagated by scales and bulbets, and although rather a slow process, requiring three or more years to bring the young bulbs to a flowering size, we have the satisfaction of knowing that they are vastly more enduring than the imported bulbs, and that if correctly treated the majority of species will prove of permanent interest and value. Amongst those that produce bulbets in the axils of the leaves are the old tiger lily, and its altogether more refined and handsome varieties, splendens and flore pleno. L. Canadense and the Bermuda lily are also well known species bearing bulbets, which almost invariably appear upon the whole length of stem. Towards the end of the summer they assume a very dark color, and as soon as they separate very readily from the axils of the leaves they should be collected, and stored in sand until the following spring.

Some species and varieties do not produce bulbets, but we have a ready means of increase by detaching a few of the outer and mature scales, and laying them horizontally upon a mixture of sand, cocoanut-fibre and charcoal dust, and then covering them lightly with the same material. In the course of six weeks roots will appear on the basal part, and often on the edges of the scales, and when it is seen that a few have been formed, they should be placed a couple of inches apart in boxes or deep pans filled with a compost consisting of equal parts peat and loam, with a small quantity of leaf-soil and sand added. Their winter quarters will be the greenhouse shelf, and from spring onwards an unheated frame, and this also applies to the first-named. It may be explained that the continental growers obtain huge supplies of bulbets by lacerating the basal part of inferior bulbs. These are partially cut through in various directions, and are then planted in a light and sandy soil. Having experimented in this direction, writes Walter H. Argett in the Gardeners' Magazine, I can testify that it is simply astonishing to see the behavior and efforts of the bulbs to perpetuate their species, each crevice becoming literally a mass of small bulbs. I commend this practice to amateurs

who may wish to propagate lilies, and a single bulb of each species will be sufficient to commence with. In dealing with the bulbets I would advise that they be grown in boxes for a couple of years, as they require far less attention than when placed in small pots, and when they have developed to the size of a billiard ball they should be potted, and it will be found that pots four and a half inches in diameter will be none too large for them.

The more hardy, robust and accommodating species may be planted in the open garden to form permanent colonies; in fact, almost without exception lilies can be successfully grown in this way, and failures that are recorded may invariably be traced to mismanagement, or to imported bulbs having been planted, and it is well known that the most popular lily, namely, *L. auratum*, is of little use after flowering. Under the most careful treatment only a very small percentage bloom the second year, and it seems a great pity that the bulbs should be mutilated and denuded of every vestige of basal root prior to exportation by the Dutch and Japanese growers.

By far the most successful colonies of lilies will be seen in close proximity to, or between, shrubs, such as rhododendrons, etc., and we gather from this that the shrubs throw just the requisite amount of shade on the surface; also that the masses of thread-like roots emanating from the shrubs effectually prevent saturation in winter, a combination of favorable circumstances which has much to do with the eminently satisfactory results obtained under these conditions.

### European Horticulture.

FROM THE FRENCH TRADE PAPERS.

The *Dimorphothecas*.—Of the calceolaria family, but native to central and southern Africa, where they grow in dry or even desert regions, the *dimorphothecas*, have been known to botanists for two centuries, but long lost from culture. In the last few years two varieties have been reintroduced. *D. aurantiaca*, growing about eight inches high, long linear leaves and large daisy-like soft orange-colored flowers, the small orange disk surrounded with a black or deep orange rim, a very attractive plant. The second, *D. Ecklonis*, woody at the base, perennial, blooming the second year, grows about two feet high, stems long, flowers white, disks violet, petals white above, thick-ribbed, purplish violet below, buds violet, branches covered with a white powder, lanceolate, toothed. They are easily multiplied from seed, *aurantiaca* blooming the first season, *Ecklonis* is best treated as a biennial, and wintered in the cold frame. Sun and little moisture are their preference.

*Parisian Dahlias*.—The characteristic of a Parisian dahlia flower is to present on a ground of a light color a darker and rather narrow border, as white with border of rose, scarlet, yellow, pink with crimson border, pale yellow, with canary border, etc.; the flowers are always single, petals broad, carried on stems at least eight to 12 inches long, strong and graceful. Named sorts are grown, called after the principal monuments of Paris and caused a veritable sensation in the autumn exhibitions.

*Aster Cassiarabicus Varieties*.—Sowing and selecting since 1905 seed and progeny of a lilac-rose-flowered *Aster cassiarabicus* (form of *aster amellus*), *Vilmorin-Andrieux* and Co. have obtained a new variety from which the original type has practically disappeared, with colorings of pale rose to bright rose, white to flesh or rosy white, of which several varieties have been named and received the certificate of merit of the National Society of Horticulture.

*Lychnis Grandiflora*.—This brilliant flower, though not new, is being reintroduced to the gardener under various names and forms of *speciosa Haageana*, etc., and deserves a welcome. Growing not over 15 inches high, its brilliant scarlet flowers are very attractive in the border. While it is perennial, it has been accused of disappearing if unprotected in a hard winter. In such case, it is easily treated as an annual and is well worth the trouble.

*Parisian Tulips*.—The May-flowering or single late tulips are increasing constantly in popularity, the Darwins perhaps lead, for their wonderful crimson, pink, lilac and mahogany colorings, but close after them come the tall, graceful single late tulips called *Parisian*, yellow, pink, crimson and white, and white with the feathered border of crimson, which are most effective, both for beds and for cut flowers.

*Gladiolus Hybridization*.—Interesting results are being attained in gladiolus hybridization by using the African variety *primulinus* (primrose-colored) as a parent. Hybrids of varying form and more or less pure yellow shades have resulted from crosses with the yellow *Gandavensis* sorts, *Nanceianus* and *Lemoinei*, those of the *Gandavensis* giving promise of a pure yellow, open-flowered gladiolus with slender graceful stem, a very desirable novelty.

*New Rose Juliet*.—Cross of *Rosa lutea* and a hybrid tea, this rose a vigorous, free-blooming plant; the flowers are exceptionally fragrant, double; remontant; the coloring is a little variable, in dark and rainy weather being a crimson rose, and in dry sunny weather a bright rose, illumined with scarlet, and always the outer side of the petals of a rich golden yellow.

Proposal to Replant the Appian Way.—A rich lover of the civilization of ancient Rome has proposed to the city that if the city will take out the *acaclas* and other plants which now encumber the Appian Way, the "Queen of Roads," he will present to the city a thousand cypress and umbrella pines, that the road may be replanted as it was in the great days of Rome.

*Wood Ashes as Fertilizer for Beans*.—The bean, as we know, is a great consumer of potash and if the soil is given a dressing of ash four or five months before sowing and after cultivating, the crop is appreciably improved. Of course, it cannot be added at the time of sowing, as the strong ash would destroy the germinating quality.

GREENWICH, CONN.—The Bonnie Brae Nurseries in beautifying the J. H. Flagler place moved and planted Kostor's blue spruce trees thirty feet in height and weighing a ton, yet all have undergone the transfer with success thus far.

## OBITUARY.

### Lemuel Ball.

Lemuel Ball died at home in Wissinoming, Philadelphia, Pa., May 24, after a short illness, aged 55 years, his condition not being considered serious even by his physician until about one week previous to his death.

Mr. Ball was for many years well known as a grower of palms, dracaenas and decorative plants. Previous to 1884 he was associated in business with his brother, Charles D. Ball, at Holmesburg, Philadelphia, Pa., but at that date the firm was dissolved. He was, however, too much attached to the florist business to remain long out of it, and purchased property at Wissinoming, erecting the establishment which he has since conducted. He first devoted his energies to the cultivation of roses and cut flowers, but later substituted palms and foliage plants, confining his efforts to these, and the product of his greenhouse was always of the most excellent quality.

Quiet and courteous in his bearing to all and conducting business with the strictest integrity and honesty, he endeared himself to a host of friends, and his genial presence at the conventions of the S. A. F., of which he was one of the older members and a constant attendant, as well as his exhibits of finely grown stock which he invariably showed, will be greatly missed by his large circle of friends and those who have long done business with him. He was also a member of the Florists' Club of Philadelphia and the Pennsylvania Horticultural Society. He is survived by a married daughter, whose husband will continue the business. The funeral was held May 27, the interment being in Cedar Hill cemetery.

### Eggert Nagel.

Eggert Nagel, proprietor of the Nagel Greenhouses, Minneapolis, was almost instantly killed by an electric car in that city Tuesday evening, May 16. Mr. Nagel was on his way to attend a meeting of the decoration committee of the civic celebration and in his efforts to avoid an automobile which was traveling at high speed stepped in front of the car, his body being thrown about 40 feet.

Mr. Nagel was 69 years of age and settled in Minneapolis 40 years ago, and for 16 years was manager of the Mendenhall greenhouses. He then went into business for himself, later taking his son into partnership. He was a prominent member of the Masonic fraternity and social organizations in his home city. He is survived by a son, a daughter and a brother.

### Lloyd G. Blick.

Lloyd G. Blick, the popular florist of Norfolk, Va., died at his Lindenhurst home, May 18, after an illness of several months, aged 43 years.

Mr. Blick had been engaged in the culture and selling of flowers for many years and his horticultural knowledge combined with his sunny disposition and genial nature, which had endeared him to a host of friends, had built up a prosperous business. He was a member of the Society of American Florists, the Elks, Maccabees, Eagles and Royal Arcanum, the Norfolk Board of Trade, the Hampton Roads Yacht Club and a director of the Bank of Norfolk. He is survived by two sisters and a brother.

### George M. Paullin.

George M. Paullin died at his home, 122 Fayette street, Bridgeton, N. J., May 19, aged 68 years. He has been sick for some time, suffering from the effects of a fall sustained last winter.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico, \$10.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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The annual rose carnival at Portland, Ore., is scheduled for June 5. The roses are reported rather late for this date.

The next meeting of the American Peony Society will be held at Horticultural Hall, Broad street, Philadelphia, Pa., Thursday and Friday, June 8-9, and not June 14-15 as previously advertised.

IMPORTANCES will be high this season on account of the advanced import tax on colored stock (advanced from 25 per cent to 60 per cent) and still higher by reason of the short crop, reported May 11 to be not more than half that of last year.

### Wedding Bells.

H. R. Richards and Miss Theodora Drew, formerly of THE FLORIST staff, were married at Hollywood, Calif., May 23. Mr. Richards is now manager of Wm. Haerle's establishment at Hollywood. Miss Drew is a daughter of O. H. Drew, formerly of Hibernia, N. Y., and now of Olathe, Colo. Long life to them and all the happiness of the angel land in which they dwell, with its laughter, song, sunshine and flowers.

### Society of American Florists.

#### REGISTRATION DEPARTMENT.

Public notice is hereby given that The Conard & Jones Company, of West Grove, Pa., offer for registration the roses described below. Any person objecting to the registration or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

#### DESCRIPTIONS.

Ruby Queen.—Queens Scarlet X Wichuraiana. Bright rich ruby red, with clear white center, flowers quite double, three to three and one-half inches across, opening out flat and perfect, color brilliant carmine, base of petals, pure white. The plant is a strong, vigorous climber, with handsome, glossy foliage and entirely hardy.

May Queen.—Mrs. DeGraw X Wichuraiana. Vigorous, erect growing climber well furnished with handsome foliage, bearing great numbers of lovely large roses, fully as beautiful as the finest tea roses. Color, clear coral pink, very bright and handsome. Entirely hardy, an early and abundant bloomer.

Pearl Queen.—Hardy climbing rose crossed with Wichuraiana, other parent unknown. Very regular flowers, double, fragrant. Color, clear pearl white, faintly tinged with deep rose, deepening at the center. A hardy grower and tremendous annual bloomer.

Royal Cluster.—Dawson X Hermosa. Magnificent double white hardy climbing rose. A hardy, vigorous climber and prodigious bloomer, blooms in immense clusters, flowers, full medium size, beautifully formed, delicious, spicy fragrance, color, white, sometimes faintly tinted with blush.

#### TRADE EXHIBITION RULES.

At the Mid-Lent meeting of the executive board the following changes were made in rules governing the trade exhibition:

Rule 3. Exhibition space shall be designated in square feet. The charge for space shall be as follows: Minimum charge, \$10.00; Flat rate, per sq. ft., 25 cents. Exhibition space shall be limited to six feet, six inches above the floor, except for plants, greenhouse structures, or other exhibits which necessarily extend to a greater height. Plant and cut-flower exhibits may be also built up to any height authorized by the superintendent. All exhibits except as above specified which extend above six feet, six inches in height shall be charged 10 per cent additional on the entire space for each six inches of additional height of any part of the exhibit. All signs must be kept within the space limits. Where tables are against the walls, wall space up to six feet, six inches above the floor and of the length of the table will be furnished the exhibitor without extra charge. Wall exhibits projecting above this height will be charged for the additional space, at wall space rates. Signs on the wall or elsewhere shall not extend higher than six feet, six inches above the floor in any exhibit.

Wall space, without floor or table space, or when exceeding in dimensions the amount allowed with the exhibition space, shall be charged as follows: Minimum charge, \$5.00; Flat rate, per sq. ft., 10 cents. Wall exhibits shall not project over one foot from the

wall. Exhibitor's signs must be kept within limits of wall space.

Exhibitors must furnish at their own expense all tables, cloth and other accessories and incidentals. The superintendent will be willing, so far as his other duties will permit, to assist exhibitors in securing tables and other needed articles; but neither the superintendent nor the society will pay for or assume any financial responsibility for the purchase or placing of such articles.

All signs shall be uniform in character and be furnished by the superintendent of exhibition at cost and no other signs to be permitted.

Charges for freight, cartage or expressage will not be paid or guaranteed for exhibitors. Goods shipped, charges collect will be refused unless the owner is on hand to pay the charges.

Rule 5. Add (Garden Requisites) to Section F.

Change number of rule 19 to 21 and add:

Rule 19. While the Society will exercise all due care to safeguard the exhibits, it will not assume any responsibility or liability for any loss or damage to any exhibit.

Rule 20. The executive committee will make such further rules as it may deem necessary for the proper conduct of the exhibition.

Attention should be called to the fact that these rules, and especially the one concerning the signs, will be strictly enforced. No signs will be permitted in the hall other than those of the uniform character which have been adopted by the board. Exhibitors should take note of this and see that their signs are ordered in advance. Copies of the complete rules and plans of the floor space may be secured of the superintendent, Mach Richmond, of Baltimore, Md.

Hotel Belvidere, located on Charles and Chase Sts., has been selected as the hotel headquarters for the society. The President's reception will also be held at this hotel. Applications for rooms should be sent in early so as to secure good accommodations. The hotel is located within a few minutes walk of the Armory where the meetings and exhibition are to be held.

H. B. DORNER, Sec'y.

### Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to render.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

### Personal.

E. Fred Rowe, for many years connected with James Vick's Sons, Rochester, N. Y., has left that house to take a place with the McFarland Publicity Service as chief of its copy department. When Mr. Rowe arrived in Harrisburg to assume his new duties he found a pleasant remembrance from his former employers and associates in the form of a vase of beautiful American Beauty roses bearing the inscription, "Best Wishes of Old Friends and Former Associates at Vick's."

**Meetings Next Week.**

Buffalo, N. Y., June 6, 8 p. m.—Buffalo Florists' Club, 388-87 Ellicott street.  
 Butte, Mont., June 9.—Montana Florists' Club, Columbia Gardens.  
 Dayton, O., June 5, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.  
 Detroit, Mich., June 5, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
 Fall River, Mass., June 6, 8 p. m.—Fall River Florists' and Gardeners' Association.  
 Grand Rapids, Mich., June 5, 8 p. m.—Grand Rapids Florists' and Gardeners' Club, office of Woodward.  
 Hartford, Conn., June 9, 8 p. m.—Connecticut Horticultural Society, County Building.  
 Indianapolis, Ind., June 6, 7:30 p. m.—State Florists' Association of Indiana, State House.  
 Los Angeles, Calif., June 6.—Los Angeles Horticultural Society.  
 Louisville, Ky., June 6, 8 p. m.—Kentucky Society of Florists, Third and Broadway.  
 Montreal, Que., June 5, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians' Building, 211 Sherbrook street, west.  
 New Orleans, La., June 7, 8 p. m.—German Gardeners' Club, 624 Common street.  
 Newport, R. I., June 7.—Newport Horticultural Society.  
 Omaha, Neb., June 8, 8 p. m.—Omaha Florists' Club, City Hall.  
 Philadelphia, Pa., June 6, 8 p. m.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce.  
 Pittsburg, Pa., June 6, 8 p. m.—Florists' and Gardeners' Club of Pittsburg, Fort Pitt Hotel, 10th street and Penn avenue.  
 Salt Lake City, Utah, June 6.—Salt Lake Florists' Club, Huddart Floral Co., 114 East Second, South street.  
 Seattle, Wash., June 6.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., June 6, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue, north.  
 St. Louis, Mo., June 8, 2 p. m.—St. Louis Florists' Club, Odd Fellows' building, Ninth and Olive streets.  
 Washington, D. C., June 6, 8 p. m.—Florists' Club of Washington, 1214 F street, N. W.

**For Sale Cheap**—Failing health; 9½ acres with 2 greenhouses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One mile to interurban car line; to center of city one mile; 20,000 population.  
 N. NEY, Second Avenue, Appleton, Wis.

**For Sale**—Two greenhouses well stocked with Boston ferns and pot plants, one 20x125 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 10x29 feet in connection; good location for retail trade; for further particulars call on or write.  
 AUG. KOEHL  
 4228 N. 40th Ave., Chicago, Ill.

**For Sale**—A whole or one half interest in 8,000 square feet of glass, flower store, and about four acres of land; one half for \$3,000 cash; the whole for \$5,000 ball cash and terms. The land itself sold for \$4,000 in 1890. The present owner cleared better than \$4,000 net in 1909. Business established better than ten years and growing rapidly. Party buying a half interest must be competent to take full management and furnish unquestionable references as to ability, honesty and sobriety. Unless you can fill all the requirements, don't write. Reason for selling, other business requires my attention. Address  
 Key 458, care American Florist.

**Rose Growers Wanted**

Good men wanted who can grow high grade roses; also helps in rose and other greenhouses.

**BASSETT & WASHBURN**  
 131 N. Wabash Ave., CHICAGO

**WANTED**

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX & SONS, Council Bluffs, Iowa.

**Grower's Establishment.**

18,000 sq. ft. of glass, dwelling with all improvements; stable, city water and gas; over 18 city lots, well situated at Maspeth, L. I. Excellent condition. Sell cheap on account of owner's illness. Inquire

**WM. H. SIEBRECHT, Jr.,**  
 277 Broadway, NEW YORK CITY

**GARDENER**

Man of considerable experience in all lines of garden work, fruits, flowers, vegetables, pleasure grounds and greenhouses, desires position with a lady or gentleman needing the services of such a gardener. Address

Key 447, care American Florist.

**Wanted---Seedsman**

Who has had some experience in calling on country trade and capable of working in the house whose road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

**Plant Grower**

We need a first-class grower of a general line of greenhouse plants, including palms, ferns and other foliage plants, also leading lines of flowering plants for the holiday and Easter trade.

Full particulars of experience, with references, may be addressed to

Key 456, care American Florist.

**FOR SALE CHEAP.**

If taken at once. On account of ill health, I will sell my greenhouse plant, consisting of 50,000 sq. ft. of glass, 15 acres of land, barn, living rooms, horses, wagons, etc. with railroad switch on premises; this range is located within 20 miles of Chicago on the three railroads, C. M. & St. P., Belt Line and C. M. Electric road. Will sell for one-third of its cost, with \$6.00 cash and the balance on easy payments. For further particulars call or write JOSEPH ZISKA,  
 151 N. Wabash Ave., Chicago, Ill.

**FLORIST  
SAVE  
\$100.00**

by keeping your cut ferns six months without cold storage, cut flowers 20 to 30 days, at practically no cost. Formula and complete instructions on receipt of \$1.00. Ten years in successful use.

**BARTON, Plant Specialist**  
 413 Columbus Ave., New Haven, Conn.

**Wants, For Sale, Etc**

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As working foreman, by a first class grower of cut flowers and potted plants single, German, strictly sober, can handle help, etc. Key 453, care American Florist.

**Situation Wanted**—First class salesman and decorator wishes to secure a situation immediately, can furnish the best of references in regard to character and ability. Address  
 Key 454, care American Florist.

**Help Wanted**—Position open for a good truck gardener; \$15.00 per week; German preferred. Address Box 182, Waterloo, Iowa.

**Help Wanted**—Young or middle aged man who is a practical florist and gardener with \$500 or more to take stock in and manage new plant to be built in the best location in the west; do not write unless you can business and can furnish unquestionable references; must be honest, sober, capable and industrious. Address  
 Key 452, care American Florist.

**For Sale**—3 greenhouses and 8 room residence; a bargain. DEAL'S GREENHOUSES  
 OWOSSO, MICH.

**For Sale**—Good second hand ice box, for retail or small wholesale store; \$125 spot cash takes it. Call or address. BUCHHEIDER BROS.,  
 518 Milwaukee Ave., Chicago, Ill.

**For Sale**—Small but good greenhouse plant in fast growing city in Oklahoma; no competition within 30 miles; cheap, and easy terms if taken at once. Address Key 457, care American Florist.

**For Sale**—Sunnyside Greenhouses for sale; on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. JNO. S. SCHLEIDER,  
 OWOSSO, MICH.

**For Sale**—Greenhouse of 3000 sq. ft. of glass need enlarging in N. E. Nebraska; good cut flower and design trade, over 20 miles west and north, no competition. R. R. center; cause advancing age. Address  
 Key 446, care American Florist.

**For Sale or Rent**—An old established retail flower store in Chicago, located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**Offer Them Low****ALL SPECIALTIES**

For Cemetery Use  
 All Bedding Plants  
 Window Box Stock  
 Plants for Vases

The season is three weeks early, and the growers will get left who do not clean out their surpluses

**WIDE DEMAND IS STRONG**



# American Beauties and other choice ROSES

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

| AMERICAN BEAUTIES |         | Per doz. |
|-------------------|---------|----------|
| Extra long.....   |         | \$3 00   |
| 24-36-in.....     |         | 2 00     |
| 18 to 24-in.....  |         | 1 50     |
| 12-in.....        |         | 1 00     |
| 8-in.....         |         | 75       |
| Short stems.....  | Per 100 | 4 00     |

| Rhea Reid              |           | Per 100 |
|------------------------|-----------|---------|
| Extra long select..... | \$8 00 to | 10 00   |
| Good length.....       | 6 00 to   | 7 00    |
| Medium length.....     |           | 5 00    |
| Short.....             |           | 4 00    |

| Maryland, Killarney, White Killarney, Kaiserin and Richmond. |           | Per 100 |
|--------------------------------------------------------------|-----------|---------|
| Extra select.....                                            | \$ 8 00   |         |
| Good length.....                                             | 6 00      |         |
| Medium length.....                                           | 5 00      |         |
| Good short length.....                                       | \$3 00 to | 4 00    |

| CARNATIONS                           |            | Per 100          |
|--------------------------------------|------------|------------------|
| Extra fancy, long O. P. Bassett..... |            | \$3 00           |
| Fancy long pink and white.....       |            | 3 00             |
| Fancy seconds.....                   |            | 2 00             |
| HARRISII LILIES.....                 | per doz.   | 1 50             |
| " ".....                             |            | \$10 00 to 12 00 |
| Lily of the Valley.....              |            | 3 00 to 4 00     |
| Select Pink and White Peas.....      |            | 75 to 1 00       |
| Peonies.....                         |            | 5 00 to 8 00     |
| Adiantum.....                        |            | 1 00 to 1 50     |
| Asparagus.....                       | per string | 50               |
| Asparagus Sprays.....                |            | 3 00 to 4 00     |
| Ferns, New Southern.....             | per 1000   | 2 50             |
| Galax, Green.....                    | per 1000   | 1 00             |
| " Bronze.....                        | per 1000   | 1 00             |
| Smilax.....                          | per doz.   | 2 50             |

**Good Assortment of Roses in lots of 500 at the rate of \$20.00 per 1000.**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

### Chicago.

#### MEMORIAL DAY TRADE.

Under the extremely trying weather conditions, the Memorial day business, even by the most optimistic dealers, can be said to be only satisfactory. This section of the country has during the last two weeks passed through a record-breaking spell of hot weather for the month of May. The temperature has reached 97° in the shade and in the greenhouses is reported to have gone as high as 125°. It was simply impossible under these conditions to grow flowers with any substance whatever, and the roses simply "popped open while you were looking at them," as one grower expressed it. The stock was all very soft and a great trial to all the shippers, for it was not keeping well with them and they had great fears as to the condition in which it would arrive at its destination. Shipments were delayed to the latest possible moment, that the stock would be received in the best possible condition. Carnations would go to sleep between night and morning and peonies that were as tight as it was thought safe to cut them would be wide open the next day, and quantities were so soft that they were a loss to the dealers. There was a vast amount of stock of all kinds, such as it was, but of really first-class stock such as the houses would have liked to supply their customers, there was very little, but everybody did the best that they could under the circumstances, with the probabilities that many disappointments will be incurred and apologies have to be extended. Roses were in great plenty and of all kinds, but of the quality enough has been already said, and the carnations were all extremely soft. Sweet peas also suffered from the extremely hot weather and were poor in color and many were short

stemmed. Peonies were received in immense numbers and while some arrived in very good condition and bid fair to ship well, there were many that were only fit for the waste barrel when they were taken out of the boxes. There were large quantities of shrubbery handled, the lilacs had all passed, but there were spireas, duetziyas and locust and much of this class of stock was to be found. Bulb stock of all kinds was gone, some of the later blooms, which were counted upon for Memorial day, arrived in a half-decayed condition. There were some very fine lilies to be had and some good lily of the valley. Some very nice pond lilies, nymphaea odorata, that looked very nice and cooling were among the choicer selections. Orchids were in good condition and some exquisite blooms of these exotics were to be obtained. The retail stores all did a fine trade and as the weather was considerably cooler on Sunday and Monday were able, by waiting, to get better stock and do a more satisfactory business. Taken as a whole, the business was very disappointing, for it was not possible to obtain and ship the quality of stock which is ordinarily sent out at this season in normal years.

#### NOTES.

Vaughan & Sperry were kept on the jump for four days filling orders for both local and out of town customers. While the junior member of the concern looked after the local trade, the senior member was busy seeing that the out of town customers were getting fresh stock. This firm refused to ship carnations to many of the customers at long distances, being afraid the stock would not arrive in good condition and wired them to that effect. This was appreciated, for one of the large buyers wired back, "You are certainly on the square, substitute peo-

## Notice to the Trade

On account of removal all mail intended for the Northwestern Floral Co. should, on and after June 1, be addressed to the Northwestern Floral Co., Box 14, Gross Point, Ill. The station and express office will remain Wilmette as before.

Yours truly,

**THE NORTHWESTERN FLORAL CO.,**

Box 14, Gross Point, Ill.

nies." The shipping trade at this house, as one of the expressmen said, "was big and kept us on the jump carrying out the packages."

Wm. Feniger, of Toledo, O., was in the city on Sunday, May 28, buying stock for the Memorial day trade. He said that if he had not been in the market and seen the condition of the stock, he would never have believed it could have been of such poor quality.

Mrs. Wm. F. Schofield was removed from the Passavant hospital to her home on North State street Sunday, May 28. She is improving and an early recovery is looked for.

E. F. Winterson says that the cut flower trade for Memorial day was as good as could be expected under the conditions which prevailed the previous week.

"What young-looking man is this?" is the question asked by the friends of J. P. Optiz when he appears minus the moustache which adorned his lip.

Joseph Ziska and daughter, Anna, will leave this week for a month's visit at Oxford Junction, Ia.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone CHICAGO, ILL.  
Randolph 35

**For June Weddings**  
Call on us for Orchids and Valley

**For Commencements** Call on us for  
**Roses, Carnations, Peonies, Sweet Peas.**

We will be especially strong on Roses and Carnations; all orders filled promptly.

**Short Roses, our selection, \$20.00 per 1000**

## CURRENT PRICE LIST

Subject to change without notice.

| AMERICAN BEAUTIES                         | Per Doz. |
|-------------------------------------------|----------|
| Long, specials                            | \$3 00   |
| 30-inch                                   | 2 50     |
| 24-inch                                   | 2 00     |
| 18 to 20-inch                             | 1 50     |
| Short.....Per 100, \$4 00, \$6 00, \$8 00 |          |

| KILLARNEY, Special | Per 100 |
|--------------------|---------|
| Fancy              | \$10 00 |
| Medium             | 8 00    |
| Short              | 6 00    |

| RICHMOND, Special | Per 100 |
|-------------------|---------|
| Fancy             | 10 00   |
| Medium            | 8 00    |
| Short             | 6 00    |

| WHITE KILLARNEY, Special | Per 100 |
|--------------------------|---------|
| Fancy                    | 10 00   |
| Medium                   | 8 00    |
| Short                    | 6 00    |

| MY MARYLAND, Special | Per 100 |
|----------------------|---------|
| Fancy                | 10 00   |
| Medium               | 8 00    |
| Short                | 6 00    |

| PERLE, Select | Per 100 |
|---------------|---------|
| Medium        | 8 00    |
| Short         | 6 00    |

|           |          |                  |
|-----------|----------|------------------|
| Cattleyas | per doz. | \$4 00 to \$8 00 |
|-----------|----------|------------------|

| CARNATIONS,                              | Per 100 |
|------------------------------------------|---------|
| Extra fancy Perfection, Victory, Beacon, |         |
| Enchantress                              | 3 00    |
| 1st grade Lawson, Winsor, Enchantress,   |         |
| Red, White Lawson                        | 2 00    |

|                         |              |
|-------------------------|--------------|
| Spanish Iris            | 4 00         |
| Baby Gladiol            | 4 00         |
| Harrisii Lilies, Callas | 10 00        |
| Valley                  | 3 00 to 4 00 |

|                      |            |
|----------------------|------------|
| Sweet Peas, Butterdy | 50 to 1 00 |
|----------------------|------------|

|         |    |
|---------|----|
| Pansies | 75 |
|---------|----|

|             |              |
|-------------|--------------|
| Marguerites | 1 00 to 1 50 |
|-------------|--------------|

|                            |      |
|----------------------------|------|
| Daisies, Shasta and Yellow | 2 00 |
|----------------------------|------|

|         |      |
|---------|------|
| Peonies | 6 00 |
|---------|------|

|            |              |
|------------|--------------|
| Mignonette | 4 00 to 6 00 |
|------------|--------------|

|                           |              |
|---------------------------|--------------|
| Plumosus Sprays, Sprenger | 3 00 to 4 00 |
|---------------------------|--------------|

|                              |                 |
|------------------------------|-----------------|
| Plumosus Strings, extra long | per string, 60c |
|------------------------------|-----------------|

|       |                  |
|-------|------------------|
| Galax | per 1000, \$1 25 |
|-------|------------------|

|       |                |
|-------|----------------|
| Ferns | per 1000, 3 00 |
|-------|----------------|

|          |    |
|----------|----|
| Adiantum | 75 |
|----------|----|

|                    |      |
|--------------------|------|
| Adiantum Croweanum | 1 00 |
|--------------------|------|

The Northwestern Floral Co. will build two more houses in addition to the two now under construction. The A. Dietrich Co. will furnish the material and the Quaker City Machine Works of Richmond, Ind., the ventilators. J. Psenicka, one of the members of this progressive concern, wishes to inform the trade that all mail intended for this firm should be addressed to Gross Point, Ill. All freight and express should be shipped to Wilmette, as before. This firm supplied one of the well known wholesale houses with a large quantity of carnations of good quality for their Memorial day trade.

Zech & Mann supplied their customers with as good a grade of stock as

there was in the market for Memorial day and worked early and late to fill the many orders which they received. Mathias Mann, the junior member of the firm, forgot that there was such a thing as a greenhouse and helped out at the store during the week. The senior member, John Zech, was well satisfied with the amount of business done and said that it was far better than last year.

W. W. Randall returned from a Wisconsin and Iowa business trip in time to help out at the Memorial day rush at the A. L. Randall Co. store.

Mrs. H. H. Wilder, mother of Mrs. J. B. Deamud, and wife of H. H. Wilder, master mechanic of the South Park system, passed away May 25,

aged 71 years. The funeral was held from the family residence Sunday, May 28, the Rev. Mr. Mitchell officiating. Two other daughters, Mrs. J. Little and Miss N. Wilder, survive her.

We erred last week when we mentioned that Clifford Pruner was employed in E. H. Hunt's cut flower department instead of the supply department. He says the supply business is good enough for him and that he never was nor will be a cut flower man.

Gus. Swenson of Elmhurst is shipping an exceptionally fine grade of Early Rose and Festiva Maxima peonies to the E. C. Amling Co. This grower has good reason to be proud of his stock, for it is of unsurpassed quality.



**Send Us Your Order**

# FOR JUNE WEDDINGS

and we will fill it with an exceptionally fine grade of stock. We have everything  
that is seasonable and are particularly strong on

## Valley, Sweet Peas, Orchids, Peonies and Greens of all kinds.

**Hurry along your order**

### CURRENT PRICE LIST.

| PEONIES                           |                  | Per 100  |
|-----------------------------------|------------------|----------|
| Good .....                        | \$4 00 to \$5 00 |          |
| White and Pink, No. 1 stock ..... | 6 00             |          |
| Special Fancy .....               | 8 00             |          |
| BEAUTIES                          |                  | Per doz. |
| Long stems .....                  | \$3 00           |          |
| 30 inch stems .....               | 2 50             |          |
| 24 inch stems .....               | 2 00             |          |
| 20 inch stems .....               | 1 50             |          |
| 15 inch stems .....               | 1 00             |          |
| Short stem .....                  | 75               |          |
|                                   |                  | Per 100  |
| Killarney, select .....           | \$6 00 to 8 00   |          |
| good .....                        | 3 00 to 5 00     |          |
| White Killarney, select .....     | 6 00 to 8 00     |          |
| good .....                        | 3 00 to 5 00     |          |
| Richmond, select .....            | 6 00 to 8 00     |          |
| good .....                        | 3 00 to 6 00     |          |

| Brides and Bridesmaids |       | Per 100          |
|------------------------|-------|------------------|
| Maryland               | ..... | \$3 00 to \$6 00 |
| Gates and Uncle John   | ..... | 3 00 to 6 00     |
| Perle                  | ..... | 3 00 to 6 00     |
| ROSES, our selection   |       | 3 00             |
| ORCHIDS, Cattleyas     |       | 4 00 to 6 00     |
| CARNATIONS, good       |       | 2 00             |
| special fancy          |       | 3 00             |

| MISCELLANEOUS |       | Per 100          |
|---------------|-------|------------------|
| Sweet Peas    | ..... | \$0 50 to \$1 00 |
| Mignonette    | ..... | 4 00 to 6 00     |
| Spanish Iris  | ..... | 3 00 to 4 00     |

### GREENS

|                                |                              |
|--------------------------------|------------------------------|
| Asparagus Plumosus, per string | \$0 50 to \$0 60             |
| Sprenger, bunch                | ..\$0 35 to 50               |
| sprays                         | ..35 to 50                   |
| Smilax                         | .....per doz. 3 00           |
| Fancy Ferns                    | .....per 1000 3 00 to 4 00   |
| Adiantum                       | .....per 100 1 00            |
| Galax Leaves                   | .....per 1000 1 00 to \$1 25 |
| Boxwood                        | .....Per lb. 25              |

### MISCELLANEOUS

|               |       | Per 100            |
|---------------|-------|--------------------|
| Celias        | ..... | \$10 00 to \$12 50 |
| Easter Lilies | ..... | 10 00 to 12 50     |
| Valley        | ..... | 3 00 to 4 00       |
| Gladiolus     | ..... | 8 00 to 12 00      |

# VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

**161 N. Wabash Ave., CHICAGO.**

Poehlmann Bros. Co. shipped out a large quantity of stock the past week besides filling many local orders. We have heard many people who have visited their mammoth greenhouse plant speak in glowing terms of the manner in which the growing end of the business was conducted and say little about the manner in which the stock was handled at the store. To form some conception of how much stock is cut and sold one should visit their salesroom a few days before a holiday and they will be surprised at the enormous quantity of stock that is received and the manner of its disposal. The way in which the force took care of the Memorial day trade was a sight to behold and it seemed as if the stock disappeared as fast as it arrived. August Poehlmann was present at the store the past week and proved to be of valuable assistance to the regular force.

N. J. Wieter and John Sinner, two prominent wholesale men, have got the camping fever and can be seen around the market with a map of Wisconsin in one hand and a guide to campers in the other. They expect to leave about June 25, for Trout lake for a two weeks' fishing trip. Both are great baseball fans and have subscribed to the Tribune so they could keep tab on the White Sox and Ping Bodie's wonderful hitting.

Chas. W. McKellar and wife, looking the picture of health returned last week from a month's stay at Hot Springs, Ark. Besides taking the regular course of bath treatments they enjoyed themselves by riding horseback and tramping over the mountains. While in Hot Springs, they received a most enjoyable visit from Paul M. Paley of Vestal & Son, the well known florists of Little Rock, Ark.

E. E. Pleser of Kennicott Bros. Co., says that they sold one-third more

## "The Busiest House in Chicago"

Is prepared to fill your orders at all times  
with a choice grade of **Cut Flowers and  
Greens** of all kinds.

### J. B. DEAMUD CO.

Long Distance Phone  
Central 3155

**160 N. Wabash Ave., CHICAGO**

peonies than they did last year at a price about 30 per cent less. The grower received about 40 per cent of the price which he obtained last year as there was a loss of about 30 per cent in the waste and the prices obtained were at the reduced value quoted above.

Fred Wittbold is now occupying one of the flats in the building which he purchased on Buckingham place last week. Louis Wittbold is showing his neighbors that he believes in beautifying his own home as well as others and two large magnificent bay trees now adorn his premises.

John Kruchten had a big shipping day last Sunday when a large supply of peonies and other stock was shipped out. Mr. Kruchten says that taken as a whole the Memorial day business was very satisfactory and a great deal better than he thought it would be.

U. C. Scollay, of John A. Scollay, New York, and Fred W. Herendeen, general sales manager of the United States Radiator Corporation, Detroit,

Mich., are attending the convention of heating and fitting experts here this week.

Kyle & Foerster say that they couldn't have done a better Memorial day business than they did under the weather condition. The trade evidently appreciates the quality of Klehms' peonies for a large quantity was sold at this house during the week.

L. Hoeckner of the Peter Reinberg force is doing a good business and realizing a tidy sum from the sale of cut flowers at his stand in Riverview park.

Spaghnum moss has been very scarce. Vaughan's Seed Store has been caring for their trade by piece-meal. The Wisconsin moss swarms are reported full of water.

Joe Weise of the J. A. Budlong force is another victim of the poisonous rose thorn, blood poison having set in in the index finger of the right hand.

Phil Schupp of J. A. Budlong's has turned weather prophet and is predicting cooler weather for July and August.

# A Large Crop of Roses

## OF ALL THE BEST VARIETIES

The quality is as fair as the weather conditions will permit, and we can truthfully say that there are no better flowers coming into this or any other market.

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

### PRICE LIST:

#### AMERICAN BEAUTIES

Per doz.

|                       |           |
|-----------------------|-----------|
| Extra long stems..... | \$4 00    |
| 36 inch stems.....    | 3 50      |
| 30 inch stems.....    | 3 00      |
| 24 inch stems.....    | 2 50      |
| 20 inch stems.....    | 2 00      |
| 15 inch stems.....    | 1 50      |
| 12 inch stems.....    | 1 00      |
| Short stems.....      | 50c to 75 |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

Per 100

|                           |                                                            |       |
|---------------------------|------------------------------------------------------------|-------|
| Ivory.....                | } Select.....\$6 00 to \$ 8 00<br>Medium..... 4 00 to 5 00 |       |
| Sunrise.....              |                                                            |       |
| Perle.....                |                                                            |       |
| Roses, our selection..... |                                                            | 3 00  |
| Carnations, fancy.....    |                                                            | 2 00  |
| “ good.....               |                                                            | 1 50  |
| Harrisil.....             |                                                            | 12 00 |
| Valley.....               | 3 00 to                                                    | 4 00  |
| Sweet peas.....           | 75 to                                                      | 1 00  |
| Adiantum.....             |                                                            | 1 00  |
| Asparagus, per bunch..... |                                                            | 50    |
| Ferns, per 1000.....      | 3 00 to                                                    | 4 00  |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

The wholesale stores were open all day Sunday, doing a rushing business. At the Peter Reinberg store one of the tables was cleaned off and a bountiful repast spread at noon, which the boys heartily enjoyed. The 25 pies furnished by the Case & Martin Pie Co. rapidly disappeared when the hard-worked and hungry boys sat down to the table.

Manager Pyfer of the Chicago Carnation Co. says that their Memorial day trade was very good, much better than last year, although not so satisfactory, for the prices in carnations were too high and the demand unusually heavy. A novelty seen here were some beautiful forced sprays of *Hydrangea aborescens grandiflora alba*.

James B. Wild, the well-known peony grower of Sarcosie, Mo., spent the greater part of the week in the city "watching the funeral," as he termed it. He stated that he shipped 600 cases of peonies into this market, with 10 dozen of flowers in each case. The special car for the joint meeting of the Chicago and Milwaukee Florists' clubs at Milwaukee, June 1, will leave Evanston at 5:30 p. m. via Chicago and Milwaukee electric. Returning, the car leaves Milwaukee at 10 p. m.

Reserve Sunday, July 23, for the Florists' Club picnic at Ehrhardt's grove.

A delegation from the Association of Commerce will visit Boston June 12.

## If You Find Yourself Short

### AT ANY TIME

## WIRE US

We will have plenty of stock,  
as much as anyone.

## KENNICOTT BROS. CO.

**163 N. Wabash Ave.,**

**CHICAGO**

Dwight L. Harris of the Pulverized Manure Co., says that business is good with the orders arriving thick and fast.



# FULL CROP OF ROSES

Try Some of Our **MRS. JARDINE**, the Finest **PINK ROSE** in the Market.

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 16-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100         |
|-----------------------------------------|-----------------|
| Killarney, select.....                  | \$ 6 00         |
| medium.....                             | \$ 3 00 to 4 00 |
| Jardine (finest pink rose), select..... | 6 00            |
| medium.....                             | 3 00 to 4 00    |
| Bride, select.....                      | 6 00            |
| medium.....                             | 3 00 to 4 00    |

|                                     | Per 100         |
|-------------------------------------|-----------------|
| Maid, select.....                   | \$ 6 00         |
| medium.....                         | \$ 3 00 to 4 00 |
| Uncle John, select.....             | 6 00 to 8 00    |
| medium.....                         | 3 00 to 5 00    |
| Richmond, select.....               | 6 00 to 8 00    |
| medium.....                         | 3 00 to 5 00    |
| Carnations, fancy.....              | 2 00            |
| good.....                           | 1 50            |
| Easter Lilies, medium.....          | 12 50           |
| long.....                           | 12 50 to 15 00  |
| Valley.....                         | 3 00 to 4 00    |
| Sweet Peas.....                     | 75 to 1 25      |
| Ferns.....                          | 4 00            |
| Sprengeri and Asparagus Sprays..... | 50              |

All Green Goods at market rates.

**ROSES, our selection, - \$4.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

Wm. C. Hepp stole a march on his many friends when he and Miss Julia Terfer were quietly married on Monday, May 15. Mr. Hepp is well known among the trade, having worked in a number of the prominent retail stores in this city. He is at present with Julius Niesen, East Forty-seventh street.

Bassett & Washburn's was as busy as a beehive all the week with the working force filling the many orders which they had on hand. Judging from the many boxes that were shipped out we should say that their business was exceptionally good.

Hoerber Bros. enjoyed a brisk trade all week and were well satisfied with the amount of business done. Harry Mannheim and his assistants were kept on the jump filling both their local and shipping orders.

H. W. Rogers of the Weiland & Risch flower expects to leave soon on a 200-mile motor cycle trip to Pentwater, Mich. He will be accompanied by F. A. Shineer, the ex-champion bicycle rider.

The force at Percy Jones' found it necessary to work until nearly midnight on May 27, getting out the large number of shipping orders which they had to fill.

Visitors: A. York of the Lakeside Floral Co., Houghton, Mich.; Mr. Boelter of Boelter & Quehlke, Appleton, Wis.; H. E. Philpott, Winnipeg, Can.

CHICAGO, ILL.—Articles of incorporation have been filed by the W. E. Lynch Co. to carry on a florist business. The capital stock is \$20,000, and the incorporators are Andrew J. Ryan, Edward J. Prebis, and Irvin Livingston.

HARTFORD, CONN.—The Connecticut Horticultural Society will hold two fall exhibitions, one for dahlias, etc., September 19-20, at Unity Hall, and one for chrysanthemums November 8-9, at Putnam Palanx Hall, both at Hartford. The schedule of premiums will soon be issued, which will cover both exhibitions. Seasonable flowers will be staged and the usual quota of vegetables and fruits will be staged at both exhibitions.

## Los Angeles, Calif.

Business during May has held up fairly well and there has been no particular glut of the best class of stock. Funeral work has been responsible for the use of a great amount of outdoor stock in the cheaper grades, but the receipts of this have been so heavy that large quantities have gone to waste. Foremost among the outdoor stocks are the splendid roses. Ulrich Brunner, Mrs. John Laing, and other remountants have been especially good, while the pretty little Cecil Brunner has also been largely in evidence. Sweet peas have been and are very plentiful and of excellent quality, helping out materially with funeral work. In the early part of the month, Gladiolus Childsii and the old G. Brencleyensis sold well but now the better varieties, such as America, Mrs. Francis King and a number of the gandavensis hybrids have the call. Coreopsis grandiflora is becoming a very popular flower on this market, many retailers using it for a "yellow" window with excellent results. There are numberless other outdoor flowers, such as Shasta daisies, beet sultans, hardy azaleas, gailardias, California and Shirley poppies and various shrubs, all of which tend to lower the price of indoor stock. Carnations are fine and while white has cleaned up fairly well, colored varieties have been a drag on the market. In orchids, Cattleya Mossiae has been the chief standby but some magnificent C. gigas from local sources are now in the price for these being well maintained. Despite the great quantities of greens grown in the neighborhood, Asparagus plumosus and others are still short in supply and several growers are building more lath houses to cope with the local and shipping demand.

## NOTES.

Wm. Haerle, of the El Reah greenhouses, will erect a new greenhouse 15x125 feet, for plants using material from the J. C. Moninger Co., Chicago. He has just received another 10 cases of Cattleya Trianae from Carrillo & Baldwin, Mamaroneck, N. Y., in fine condition and has now one house 15x75 feet entirely devoted to this variety.

In the other orchid houses C. gigas and C. Mossiae are in fine order, there being several spikes bearing six flowers each of both these kinds. Gladiolus, Mrs. Francis King with spikes five feet long are among the offerings here. A bench of the new rose, Mrs. Aaron Ward, is in fine condition as indeed is all the rose stock here.

Albert Knopf has bought out Jack Portenac of the Redondo Floral Co., 245 S. Spring street. The Redondo Floral Co.'s store was one of the first in the city, having been opened by the proprietors of the Redondo Carnation Gardens about 20 years ago to dispose of their surplus stock. Mr. Knopf is an old florist, he having originated the Franklin Park Floral Co., in Columbus, O., and also been in business in Cleveland, Chicago, and other points before coming out here four years ago. He is well acquainted with local conditions, has the good will of all in the trade and will, we venture to predict, make a great success of his new undertaking.

In the hills hereabouts wild flowers are extremely beautiful, the Mariposa lilies (calochorti) being among the prettiest. Romneya Coulteri is seen around the stores, its beautiful pure white flowers and fine foliage making it very attractive. The wild yucca mentioned in THE AMERICAN FLORIST May 20, page 873, is plentiful and there are scores of other beautiful and interesting things to be seen. In the canyons the wild maidenhair, several pellemas and some pretty varieties of scolopendrium delight the fern lover or botanist.

The Los Angeles Flower Market reports a busy time handling the immense quantities of outdoor stock but it has cleaned up fairly well in all lines. Good stocks of carnations, coreopsis, sweet peas, gladioli, including some splendid G. America, can be seen daily and manager Charlie Morton keeps hustling.

The Florists, Fifth street, report excellent business. The store of this enterprising concern is always neatly and well arranged, large vases of Mrs. Francis King gladioli and some fine large specimens of Dorothy Perkins rose making a very beautiful showing.

# We Have What You Want

**SEND US YOUR ORDERS**

**Beauties, Roses, Carnations,  
Valley, Gladiolus, red, white and pink,  
and Other Good Summer Stock**

**Buy Direct  
From the  
Grower.**

## J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

**VALLEY, ROSES  
and CARNATIONS  
A Specialty.....**

**WHOLESALE  
GROWER OF**

## CUT FLOWERS

**L. D.  
Phone  
Central  
3120**

The Horticultural Society gave a complimentary banquet at the King Edward hotel to H. Plath of San Francisco, May 23. Over 20 of the boys turned out to greet Mr. Plath who was delighted with the reception given him. The tables were finely decorated with American Beauty roses.

Jacob Dietrich is making a large addition to his lath houses at Montebello. Stock at the Dietrich & Turner range is in fine order and this firm will go largely into the culture of adiantum for cutting.

E. R. Meserve is making an addition to his lath houses at Signal Hill. The present addition is about 1 1/4 acres making 3 3/4 acres in all.

J. Smith of Smith & Fellers, Cleveland, O., has purchased a home here in the fashionable Wilshire district.

H. N. Gage reports business at the new stand in the Pantages building as excellent for the season.

Visitor: H. Plath, San Francisco.  
H. R. R.

### Rockford, Ill.

The observance of Memorial day surpassed that of any previous year. Pot plants, roses and carnations sold well, although outside competition caused a cut in prices in some lines. The late frosts last year, which damaged the early planted stock, caused the buyers to be cautious and delayed purchasing their plants for decorative purposes. The offering of inferior stock in 10-cent and other stores is a severe handicap to the high grade stock.

### NOTES.

The barn of R. H. Shumway was partially destroyed by fire at noon May 25, which started in the roof and caused a damage of \$500. The family was at dinner when the fire broke out, but fortunately saved the horses and carriages. There was no insurance.

Former Mayor E. W. Brown, Harry Williams and Fred Carpenter addressed a meeting at Freeport May 24 at the Meeting Club, upon the park commission law as it has worked out in this city.

The Florists' Club, from which so much was expected, is apparently dy-



## ORCHIDS

**For June Weddings**

**Valley, Sweet Peas,  
Peonies, Orchids and  
all seasonable flowers  
and Supplies of all kinds.**

**Send for Price List.**

## CHAS. W. McKELLAR

**162 N. Wabash Avenue,  
CHICAGO.**

ing a natural death through lack of interest. Wake up, boys! "In union there is strength."

H. W. Buckbee reminds us of the celebrated Irishman's jumping frog these days. "When you put your hand on him he isn't there." He is doing big business all right.

W. L. Hyzer and Robert Tinker are doing much toward making the city beautiful by their floral display near the Illinois Central station.

Leonard Lawson, a former florist of this city, has resumed business at a new location and is building a greenhouse 20x50 feet.

The seed business is now quiet, most of the buying for this season having been completed. Several local dealers report a good trade.

Mrs. J. J. Woolsey, who has been ill for some time with anaemia, suffered a relapse during the hot weather, and her condition is considered serious.

H. B. Sullivan, manager for H. J. Slagle, retired June 1 and will take a much needed rest.

J. J. Soper, the genial old-timer, always wears the same old optimistic smile.

W. R. B.

FLUSHING, N. Y.—H. D. Darlington of Whitestone avenue has sold his property, consisting of the large greenhouses and three acres of land, to the Knight & Struck Co., No. 1 Madison avenue, Manhattan, who will continue the business. The new owners will take possession October 1.

DANBURY, CONN.—E. E. Mathewson, of the North street conservatories, is making extensive improvements to his plant. Four new houses are in process of erection, one 28x145 feet, one 20x62 feet, one 22x50 feet and one 18x50 feet. The material is to be furnished by the Lord & Burnham Co., New York.



# Fancy Ferns, - \$2.00 per 1000



New Crop Galax, Bronze or Green.....\$1.25 per 1000; 10,000 \$7.50  
Sphagnum Moss, large bales.....\$1.25; 6 bales, \$7.00. Extra Fine  
Leucothoe Sprays, Green and Bronze.....\$1.00 per 100; \$7.50 per 1000  
Boxwood.....per bunch, 35c; 50-lb. case, \$8.50  
Magnolias, Brown and Green, Imported stock.....per basket, \$2.50; 6 baskets, \$2.00 each

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

38-40 Broadway,

All Phone Connections.

DETROIT, MICH.

ORDER YOUR  
**WILD SMILAX**  
AND ALL OTHER  
**DECORATIVE  
GREENS**  
FROM  
**GEORGE M. CARTER**  
EVERGREEN, ALABAMA  
THE QUICKEST  
SHIPPER

Mention the American Florist when writing

### George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of

**Evergreens**

Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
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Telephone 1202 Madison Square.

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### Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and  
Natural Sheet **MOSES**

Quality and service unequalled.

**E. A. BEAVEN, Evergreen, Ala.**

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SEND US YOUR ORDERS FOR

### HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.  
Same size cases as Wild Smilax, \$2.50.

**Caldwell the Woodsman Co.**  
EVERGREEN, ALA.

Brampton, Ont.

The severe heat has given business a slight set-back this week, but another fortnight will no doubt find the demand for all kinds of stock far ahead of the supply. Outdoor carnation planting is in full swing, the trouble is to get enough assistance for the various branches of work, laboring men being somewhat scarce at this time of the year.

John Foster, the oldest employee of the Dale Estate, passed away last Monday after a painful illness of four months' duration. John Foster was 65 years of age, and came from Liver-

## Aschmann's Asters



After Decoration Day you have empty benches. Will it pay you to have empty benches? Take a few minutes of your time, think and consider what will pay the best, Chrysanthemums? Oh, no! I know something better. I plant a bench or two with Asters for July and August. I cut them; that will give me time to replant my benches with a fine lot of fall and holiday plants suitable for my fall business. I am going right now to write an order to Godfrey Aschmann, of Philadelphia, for his **Giant Crego Asters**. They are the earliest and best branched Asters in the world. Yes, we have 20,000 of them in four separate colors, white, rose, purple and pink. Strong plants, 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000.

## GODFREY ASCHMANN

1012 W. Ontario Street.

PHILADELPHIA, PA.

pool 36 years ago, having been with the Dale Estate even since. His funeral on May 25, was largely attended by the various lodges to which he belonged and the Dale Estate closed down to enable their men to attend out of respect for their fellow-worker, who

was held in the highest esteem by all who knew him. W. G. P.

GRAND RAPIDS, MICH.—R. Jonker is building two large greenhouses of steel construction as an addition to his plant.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

### Indianapolis.

HOT WEATHER RUINS FLOWERS.

The story we have to tell about the extreme hot weather is without doubt the same that is coming in throughout the whole section of the country. There is hardly a flower that will bear up under glass. The greatest care was necessary to keep the candytuft looking only half proper. Feverfew also showed signs of the unusual heat. The carnations were roasted and almost worthless. The peonies were forced into bloom all the way from a week to ten days before Memorial day. Those that did last did not amount to very much, and had to be sold at a less figure than good flowers would have brought. Quite a bit of iris was used to fill out bouquets for the cemetery. Roses were in great plenty.

### NOTES.

Herman Junge and A. W. Brandt were in Chicago for two days last week and spent their entire time among the growers and commission men. Among the plants visited was that of Poehlmann Bros. The two Hoosiers were given a royal welcome. John Evans of Richmond, Ind., was also in Chicago at the time but it was not the fortune of Junge and Brandt to locate him.

Homor Wiegand, captain of the Northside Florists' Ball Club has issued his first call for practice. He is determined to carry away the baseball honors of this year's baseball game at the annual florists' picnic.

It is quite probable that after Memorial day the florists will get together and close at six o'clock every night except Saturday, and on Sunday noons at one.

Smith & Young Co., are still on the look-out for a suitable room in which to conduct the wholesale business which they will start the first of October. Good rooms are scarce.

A. W. B.

### European Horticulture.

FROM THE BRITISH TRADE PAPERS.

The Stinging Tree of Formosa.—With respect to the Stinging Tree of Formosa, a correspondent of "Nature," writing from the Camp, Central Provinces of India, gives the following interesting information:—"With reference to the letter on the Stinging Tree of Formosa in 'Nature' of March 2, it would be interesting if your correspondent would throw light on the exact mechanism by which the sting in Laportea pterostigma and L. crenulata is produced. L. crenulata is locally abundant in some parts of India. The curious point is that the leaves are often glabrous. Moreover, the stinging effects are apparently sometimes experienced without actual contact with the plant. I was one day walking through the hot, steaming forests near the Tista River, in British Sikkim, with a friend. The laportea

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, May 31.                | Per doz.   |
|---------------------------------|------------|
| Roses, Beauty, specials.....    | 3 00       |
| " " 30 in.....                  | 2 50       |
| " " 24 in.....                  | 2 00       |
| " " 18 to 20 in.....            | 1 50       |
| Shortstem.....                  | 75@ 1 00   |
| Per 100                         |            |
| " Killarney.....                | 3 00@10 00 |
| " White Killarney.....          | 3 00@10 00 |
| " Richmond.....                 | 3 00@10 00 |
| " My Maryland.....              | 3 00@10 00 |
| " Cardinal.....                 | 3 00@ 6 00 |
| Bride.....                      | 3 00@ 8 00 |
| Bridemaid.....                  | 3 00@ 8 00 |
| Rhea Reid.....                  | 3 00@ 8 00 |
| Mr. Jardine.....                | 3 00@ 8 00 |
| Perle.....                      | 3 00@ 6 00 |
| Carnations.....                 | 1 50@ 2 00 |
| " fancy.....                    | 3 00       |
| Daisies, Shasta and Yellow..... | 2 00       |
| Gladiolus.....                  | 1 00@ 1 50 |
| Harris and Callas.....per doz.  | 1 50       |
| Iris.....                       | 4 00@ 6 00 |
| Marguerites.....                | 1 00@ 1 50 |
| Mignonette, large spikes.....   | 4 00       |
| Orchids, Cattleyas.....per doz. | 4 00@ 6 00 |
| Panaces.....                    | 75         |
| Peonies.....                    | 4 00@ 8 00 |
| Sweet Peas.....                 | 50@ 1 00   |
| Valley.....                     | 3 00@ 4 00 |
| Adiantum Crowns.....            | 1 00       |
| Boxwood, per bunch 35; per case |            |
| of 50 lbs.....                  | \$7 50     |
| Ferns.....per 1000 3 00@ 3 50   |            |
| Gaulth.....                     | 1 25       |
| Leucothoe.....                  | 75         |
| Plumose Strig.....each          | 60         |
| Smilax.....per doz. 2 00@ 3 00  |            |
| Spargeri, Plumose Sprays.....   | 3 00@ 4 00 |
| Wild Smilax.....per case.       | 5 00       |

was abundant, and we carefully avoided it. On our way home my friend was seized with the peculiar stinging sensations of the laportea in several parts of his body. These lasted several days, and on the night immediately after being stung became so bad that he was unable to get any rest and became feverish. On another occasion I had to cut a survey line through dense forest with an undergrowth of L. crenulata. The coolies avoided the leaves as much as possible, and cut the stems low. Some of them were stung on the body, but all were attacked in different degrees with sneezing, violent catarrh, and ultimately vertigo. I myself, although at some distance from the actual cutting operations, though I had to walk up the cut line, suffered to a less degree the same way. Yet I have often dashed a leaf across the back of my hand with no ill effects. Sir J. Hooker and others have noted that

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3619.

## Percy Jones

56 E. Randolph St., CHICAGO

## John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., CHICAGO

ROSES and CARNATIONS

Our Specialties.

the effects are worse at some times of the year than at others. The inflorescence, it should be noted, is covered with hairs, and I have only been able to account for the facts above described by supposing that it is these deciduous hairs of inflorescence which get into the clothes and become inhaled when the tree is shaken.

SPOKANE, WASH.—F. W. Winters at his store on the corner of First avenue and Lincoln street is enjoying a big trade. Mr. Winters is making a specialty of roses this season.



## YOUNG ROSE STOCK

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.

Asparagus P. N. and Asp. Sprenger Seedlings

SEND FOR PRICES

W. H. ELLIOTT,

Brighton, Mass.

## WELCH BROTHERS,

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley,  
Carnations, Killarney, Richmond, Maryland  
and other seasonal stock.

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.

Supplies and Everything in Season always on hand

## HOLTON &amp; HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## CHIFFONS

(About 35 to 40 yards to piece.)

Plain (any color). 4 in. wide..... 3c yard  
" " " " 6 in. wide..... 4c yard  
" " " " 10 in. wide..... 6c yard  
Fancy Chiffons and other ribbons at equally low prices.GEO. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

Boston.

A SATISFACTORY MEMORIAL DAY.

Memorial day is past and every one seems happy. The whole trade seems to think it to be as good a day as they have ever had. There were no high prices but everything sold well, and there was plenty to go around. Roses were none too plentiful, white carnations were scarce but the price did not advance, two years ago white carnations were almost a drug. Lily of the valley from out doors was picked up readily and the quality was extra good. Colored carnations, although plentiful, sold at good prices in the markets. Feverfew was good and the yellow marguerites were of fine quality and there was an abundance of stocks. Everyone had a busy time—grower, wholesaler and retailer. It certainly has done everybody good, although they are tired; it seems a great change from a few weeks ago when the glut was on. It is more pleasant to write news about the market than it has been, and let us hope it will continue. With the Standard Oil question disposed of, the stock market on the upward swing, and a crop of blushing June brides scheduled, the prospects for the trade look rosy; indeed, some of the growers are already talking about automobiles and vacations, which shows prosperity. There were quite a few metal wreaths in the market, but there was little call. Many of us from the old country can remember seeing in the cemeteries these metal wreaths enclosed in a glass globe, warranted to stand all weathers. They always seemed to smack of a blacksmith and paint shop. There was an excuse in those days when flowers were scarce, but here, with flowers plentiful every day in the year there is no excuse for gulling the public with a gaudy painted piece of iron. Saturday we met a man carrying home a wreath of wax roses; he said it looked pretty, but he was somewhat afraid of what his wife would say when he got home. He said the more "he looked at the thing the madder he got." The wax works and museums are the place to keep those things. We have enough imitations and people of good taste will frown upon the attempt to put them on the market when real flowers are to be had at any time. We have had a thunderstorm accompanied by a good rain, which broke the drouth. The outside crops that were sown were either burned up with the heat or eaten by the cutworms. One florist in particular sowed four pounds of sweet peas

## Wholesale Flower Markets

| BOSTON, May 31.                     |    | Per 100  |
|-------------------------------------|----|----------|
| Roses, Beauty, best.....            | 25 | 00/35 00 |
| " " " " medium.....                 | 15 | 00/25 00 |
| " " " " culla.....                  | 20 | 00/2 40  |
| " " " " Bride, Bridesmaid.....      | 2  | 00/2 60  |
| " " " " Extra.....                  | 1  | 00/2 80  |
| " " " " Killarney and Richmond..... | 2  | 00/2 80  |
| " " " " My Maryland.....            | 2  | 00/2 80  |
| " " " " Carnot.....                 | 2  | 00/2 80  |
| Carnations, select.....             | 1  | 00/2 20  |
| " " " " lacy.....                   | 2  | 00/2 30  |
| Callas.....                         | 8  | 00/12 00 |
| Cattleyas.....                      | 25 | 00/25 00 |
| Gardenias.....                      | 6  | 00/12 00 |
| Lilium Longiflorum.....             | 8  | 00/10 00 |
| Lily of the Valley.....             | 2  | 00/4 00  |
| Violets.....                        | 25 | 50       |
| Smilax.....                         | 12 | 00/16 00 |

| MILWAUKEE, May 31.         |    |          |
|----------------------------|----|----------|
| Roses, Beauty.....per doz. | 75 | 03 00    |
| " " " " " " " " " " " "    | 4  | 00/2 80  |
| " " " " " " " " " " " "    | 4  | 00/2 80  |
| " " " " " " " " " " " "    | 4  | 00/2 80  |
| " " " " " " " " " " " "    | 4  | 00/2 80  |
| " " " " " " " " " " " "    | 1  | 50/2 00  |
| Carnations.....            | 1  | 50/2 00  |
| Daffodils.....             | 3  | 00/2 00  |
| Lilium Giganteum.....      | 6  | 00/10 00 |
| Lily of the Valley.....    | 3  | 00/2 40  |
| Snagdragons.....per doz.   | 50 | 02 10    |
| Sweet Peas.....            | 50 | 01 00    |
| Adiantum.....              | 30 | 01 50    |
| Asparagus.....per string.  | 50 |          |
| " " " " " " " " " " " "    | 35 | 01 50    |
| " " " " " " " " " " " "    | 35 |          |
| Boxwood.....per bunch.     | 25 |          |
| Ferns, Fancy.....per 1000. | 4  | 00       |
| Gala.....per bunch.        | 1  | 50       |
| Magnolia.....per bunch.    | 35 |          |

| ST. LOUIS, May 31.             |    |          |
|--------------------------------|----|----------|
| Roses, Beauty, long stems..... | 20 | 00/30 00 |
| " " " " " " " " " " " "        | 20 | 00/25 00 |
| " " " " " " " " " " " "        | 20 | 00/2 40  |
| " " " " " " " " " " " "        | 5  | 00/2 80  |
| " " " " " " " " " " " "        | 5  | 00/2 80  |
| " " " " " " " " " " " "        | 5  | 00/2 80  |
| " " " " " " " " " " " "        | 5  | 00/2 80  |
| Carnations.....                | 2  | 00/2 30  |
| Easter Lilies.....             | 12 | 00/25 00 |
| Valley.....                    | 3  | 00/2 40  |
| Adiantum.....                  | 1  | 25       |
| Asparagus Sprenger.....        | 2  | 00/2 30  |

| CINCINNATI, May 31.                |    |          |
|------------------------------------|----|----------|
| Roses, Beauty.....per doz.         | 1  | 00/2 40  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| " " " " " " " " " " " "            | 2  | 00/2 60  |
| Carnations.....                    | 3  | 00/2 80  |
| Callas.....                        | 2  | 00/2 80  |
| Lilium Longiflorum.....            | 10 | 50/12 50 |
| Lily of the Valley.....            | 3  | 00/2 40  |
| Sweet Peas.....                    | 50 | 02 75    |
| Adiantum.....                      | 1  | 00/2 150 |
| Asparagus Plumosus.....per bunch.  | 25 |          |
| Asparagus Sorenger.....per string. | 50 |          |
| Smilax.....per bunch.              | 5  | 00/25 15 |
| Peonies.....                       | 3  | 00/4 00  |
| Iris.....                          | 2  | 00       |

and what were not burned up were eaten by the worms. Verily, we are either in clover or hard luck, but do not growl—things will turn.

Wm. Anderson, for many years with F. R. Mathison but now superintendent for W. H. Elliott at Madison, N. H., has sold his farm in Natick that was bought some years ago, with the intention of building a range of houses.

There are some law-makers like some

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

19 Province St.,

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 50c per 1000: by the case, \$7.50. Boxwood, 50lb. case \$7.00 by the lb. 25c. Laurel Wreaths, 18-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

Mention the American Florist when writing

## RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

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## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

of the trade jumping-jacks, who would never be heard of if they did not do some freak act to get their picture in the papers with a description of what they had done. MAC.

Cincinnati.

CONTINUED HOT WEATHER.

The hot spell continues unabated, and relief seems far from being close at hand. Now and then a welcome thunderstorm hovers about, and, failing in its attempt to settle the dust passes on to other regions. All plant life as well as perspiring mortals, is feeling the effects of the blistering rays of the sun. The lawns that were too closely cropped in early spring are burning up. Even the young wood of hedges, such as boxwood, that were well established but in exposed places where they have no sheltering shade whatever, are turning yellow. The outdoor horticultural and agricultural crops are at more or less of a standstill. Many fear to attempt to work them to any extent at all for fear their efforts may prove harmful. The appearance of the trees is the one redeeming feature of the season. They are a mass of green well-formed leaves whose verdure is a thing

Alex Siegel will shortly take a trip to the lakes. W. F.



## New York.

The outing committee of the Florists' Club report that the annual outing will occur on June 28, and will consist of a sail of two or more hours upon the Long Island Sound landing at the grove where refreshments will be served and the sports participated in. The souvenir programme has been dispensed with this year and the expense will be entirely met by the sale of tickets at the following prices, gentlemen's \$4.00, ladies' \$2.50, children's \$1. lady and gentlemen \$6.00. The committee are expecting liberal support and anticipating a good time.

The New York Horticultural Society will hold an exhibition in the Museum building of the New York Botanical Garden, Bronx park, June 10-11. Premiums are offered for peonies, hardy roses, rhododendrons, azaleas, irises, herbaceous plants and orchids.

U. G. Scollay, of John A. Scollay, was in Chicago this week attending convention of heating experts.

## Philadelphia.

## A LARGE PLANT BUSINESS.

The feature of the week past has been the preparations for Memorial day, the plant men being particularly busy, as all sorts of bedding must be completed before May 30. The season is said to have been very good with most of them. The Robert Craig Co. say they have never moved so much spring stock before. W. K. Harris had a splendid stock of pot roses and sold them all. The Colfesh boys had a fine season, as did also Coles, Becker, Carpenter, Zimmer and all the rest. Chrysanthemums are seen taking the place of the spring stock with some and others are filling up with the old Boston fern and its variations. This has been peony week and the crop could not have been better timed for the holiday. They commenced coming in on Monday, the shipments increasing daily until Saturday, when they appeared at their height. Immense quantities were shipped by the commission men in all directions, there being a large out-of-town demand. Their business in the city was about up to that of last season, there being enough doing to keep the regular force busy all day Monday and up to noon Tuesday, when many of the central stores closed. Carnations were fairly plentiful and there was not much advance in price; in fact, figures were much the same as for a week previous with the exception of a few fancy carnations and an advance of a dollar a dozen in fancy American Beauties. One of the commission men said that at Memorial day, or rather before, they received many letters from people who had a few peonies or outdoor shrubbery that they thought they could turn into money and who wanted to know how much it would bring. Such shipments were always discouraged, as in most cases the stock received was not worth the expense charged and it cost more than the commission would amount to to handle and keep track of such small lots.

## NOTES.

The rose grounds or beds of H. A. Dreer at Riverton are now bursting into bloom and should be visited by all lovers of roses who can make it convenient to see them. Here are planted at least one or more of all the newer sorts as well as those tried and true varieties which have proven their right to a place in every collection. Each day a cutting is made and a display of the various kinds with their names attached is to be seen at the store, 714 Chestnut street. Last sea-

son this was much admired and induced many purchases.

It will now be time to look out for the new crop of houses that will spring up in many parts of the city. The large Stephenson house on Old York road is almost ready for the glass and is an imposing structure. It is rumored that large additions are to be made to the houses at "Stone Lodge," H. H. Battles' place, in Delaware county.

The trade was much shocked to hear of the death of Lemuel Ball. He was a good grower, in fact, one of the most expert men of the business with palms, dracenas, and such plants. The business is to be continued by his son-in-law.

## Baltimore.

## DRY AND HOT WEATHER.

The hot spell we are now experiencing has brought havoc with some branches of the trade, and if relief does not make its appearance soon the outside stock will be ruined. Already some of the growers are out of water and have trouble in keeping their inside stock from suffering. The present drought has already exceeded that of last year. Last week there was a steady demand for cut flowers, the retailers being kept busy with funeral work. The growers have started cleaning out their houses and are naturally cutting stock very close. At present there is an abundant supply of lily of the valley, which sells cheaply. Sweet peas are shortening up in supply somewhat but find fairly good demand. Carnations are steady. Roses are in good supply. Callas are still to be had in large quantities and move slowly. Gladioli are fast making their appearance and sell well. Greens are not over-plentiful and find ready sale. The retail market is in full blast, having heavy calls for all kinds of pot plants. Geraniums are the leaders and stock is scarce, especially plants bearing blooms. The pot plant trade is greater this season than in any previous year; it seems as though every one is planting to make the city beautiful. The parks and squares are all nearly planted and credit is due to the city for making such a showing. The growers have been exceedingly busy with suburban planting, the only disadvantage being the obtaining of the necessary labor. From present indications it looks as if all pot plants will be entirely sold out.

## CLUB MEETING.

The regular meeting of the Gardeners' and Florists' Club was held Monday evening, May 22, in the club rooms, St. Paul and Franklin streets, President Robert L. Graham in the chair, with a fairly good attendance.

The meetings are certainly interesting as the time is fast approaching when Baltimore will turn itself loose at the coming S. A. F. convention. It is generally understood that the next meeting night will be known as ladies' night and refreshments will be served. This is one of the starting points to get all acquainted with each other. The following members were elected: W. E. Cook, Peter C. Eldman, M. McDulseah and one proposition received. Interesting reports of convention committees were made which met with approval. The question box furnished some very interesting discussions.

## THE CONVENTION.

The various committees for the coming convention are hustling and the reports received point to success for not only the committees but the whole city is interested and looking forward to the meeting. The Army, where the convention is to be held, is one of the finest in the country, and the entire exhibition will be on one floor.

**Charles Weiss & Sons**  
127 West 28th St. NEW YORK  
Telephone 1202 Madison Square  
**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
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136 W. 28th St., New York City

## WILLIAM H. KUEBLER

Wholesale Commission Dealer in

## CUT FLOWERS

28 Willoughby Street,

BROOKLYN, N. Y.

The finance committee is doing remarkably good work; the entertainment committee is busy on the look-out for the best pleasure resorts; the sports committee are losing no time; the souvenir program committee is hustling for advertisements and the book will no doubt surpass any yet published; the advertising committee have done and are still doing good work advertising the coming convention. Various kinds of literature is being sent out and cards are now placed throughout the city announcing the meeting; the hotel committee have secured one of the swellest hotels, the Belvidere on St. Charles and Chase streets, which is convenient to railroads and steamboats. The trade exhibits will no doubt surpass any yet held as nearly all the space is sold.

## CONVENTION COMMITTEES.

Convention committees of the Gardeners' and Florists' Club are as follows:

Finance—R. Vincent, Jr., chairman; C. L. Seybold, Geo. O. Brown, E. J. Seidewitz, J. Boone, J. Hamilton, Wm. Johnson, Philip B. Welsh, J. L. Townner, Wm. Feast, J. J. Perry and O. Harrison.  
Entertainment—Robt. Halliday, chairman; R. L. Graham, I. H. Moss, N. F. Flitton, J. L. Boone, F. Bauer, Wm. Christie, Wm. Frazier, Geo. Morrison, J. Stubb and Wm. Lebr.  
Reception—R. L. Graham, chairman; G. Morrison, J. Halliday, J. Cook, Jr., G. Talbot, Wm. Johnston, R. Halliday, M. Hamann, J. Glass, C. Wagner, J. Kepingier, J. Rider and J. J. Perry.

Sports—I. H. Moss, chairman; C. L. Seybold, J. S. Boone, J. J. Perry, C. Kieftsch, F. G. Bauer, Henry Lebr, G. Kalb, M. Thou, T. Patterson, T. Stevenson and M. Richmond.  
Souvenir Program—C. L. Seybold, chairman; Philip B. Welsh, R. Vincent, Jr., G. O. Brown, J. L. Townner, C. Wagner, and A. G. Feidler.

Press—G. O. Brown, chairman; N. F. Flitton, H. J. Quick, J. L. Townner, J. J. Perry and T. Welch.

Transportation—John J. Perry, chairman; Chas. Seigworth, Ed. Stevenson, Jas. Glass and Jas. Hamilton.  
Advertising—Philip B. Welsh, chairman; Geo. O. Brown, C. Hess, W. G. Lebr, Gustave Lotz, Jr., G. M. Cook, Wm. Johnson, A. G. Feidler and Geo. Eberle.

Hotel—Fred. Bauer, chairman; H. Klein, H. Fischer, C. L. Seybold, Wm. Christie and Jas. Boone.

Officers—R. L. Graham, president; Wm. Christie, vice-president; N. F. Flitton, secretary; F. G. Burger, treasurer.

Supr. of Trade Exhibition—Mac Richmond.

## NOTES.

Edward Kress, E. North avenue, last week broke one of his ribs while handling plants in one of his greenhouses, but fortunately he is able to attend to his duties.

Feidler, the Hampden florists, are showing a tastefully arranged window for Memorial day, composed of ferns, cut flowers and American flags.

F. G. Burger's Greenmount avenue store is being painted. The beautiful lawn adds greatly to his establishment.

J. L. T.

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Everything in Supplies



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55 and 57 West 26th St., NEW YORK  
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We can  
Please you.Roses, Carnations and all kinds of  
Seasonable Flowers in Stock.**WM. F. KASTING CO.** Wholesale  
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Florists' Supplies and Wire Designs.

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Open for Cut Flower Sales at 6  
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Desirable wall space to rent for advertising.

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Consignments Solicited

**Wholesale Flower Markets**

| NEW YORK, May 31.                   |             |
|-------------------------------------|-------------|
| Roses, Beauty, special.....         | 10 00@ 2 00 |
| " " extra and fancy.....            | 6 00@ 2 00  |
| " " No. 1 and No. 2.....            | 1 00@ 3 00  |
| " " Bride, Bridesmaid, special..... | 3 00@ 5 00  |
| " " extra and fancy.....            | 2 00@ 3 00  |
| " " No. 1 and No. 2.....            | 50@ 1 00    |
| " " Killarney, My Maryland.....     | 3 00@ 5 00  |
| " " extra and fancy.....            | 2 00@ 3 00  |
| " " No. 1 and No. 2.....            | 50@ 1 00    |
| " " Richmond.....                   | 1 00@ 6 00  |
| Carnations.....                     | 1 00@ 3 00  |
| Callas.....                         | 4 00@ 5 00  |
| Cattleyas.....each.....             | 35@ 75      |
| Gardenias.....per doz.....          | 50 00@ 2 00 |
| Lilium Longiflorum.....             | 2 00@ 5 00  |
| Lily of the Valley.....             | 1 00@ 3 00  |
| Narcissus P. White.....             | 1 00@ 1 50  |
| " " Yellow.....                     | 1 00@ 1 50  |
| Roman Hyacinths.....                | 1 00@ 1 50  |
| Sweet Peas.....per doz. bchs.....   | 35@ 1 00    |
| Tulips.....                         | 1 00@ 2 00  |

| BUFFALO, May 31.                   |              |
|------------------------------------|--------------|
| Roses, Beauty, special.....        | 20 00@ 25 00 |
| " " fancy.....                     | 15 00@ 20 00 |
| " " extra.....                     | 10 00@ 12 00 |
| " " No. 1.....                     | 8 00@ 10 00  |
| " " No. 2.....                     | 2 00@ 3 00   |
| " " Bride-Maid, Killarney.....     | 2 00@ 6 00   |
| " " Killarney, White and Pink..... | 3 00@ 4 00   |
| Carnations.....                    | 1 50@ 2 50   |
| Callas.....                        | 6 00@ 8 00   |
| Daisies.....                       | 1 00@ 1 50   |
| Lilium Longiflorum.....            | 6 00@ 8 00   |
| Lily of the Valley.....            | 1 00@ 4 00   |
| Mignonette.....                    | 2 00@ 3 00   |
| Peonies.....                       | 3 00@ 6 00   |
| Sweet Peas.....                    | 40@ 75       |
| Adiantum Coccineum.....            | 75@ 1 50     |
| Asparagus, per bunch.....          | 35@ 50       |
| Asparagus Sprengerii.....          | 35@ 50       |
| Asparagus Str.....                 | 50@ 60       |
| Ferns.....per 1000.....            | \$2 00       |
| Galax, green and bronze.....       | 1            |
| Smilax.....                        | 15           |

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Receivers and Shippers of **FRESH FLOWERS.**

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## National Gladiolus Society of England.

The National Gladiolus Society of England has been organized with Sir Francis Burdett, Bart., president; and the following patrons and patronesses: Lady Burdett, The Earl of Listowel, K. P., The Countess of Listowel, The Lady Victoria de Trafford, Mrs. Eurdon-Muller, Sir Percy Van Notten Pole, Bart., Lady Van Notten Pole, The Countess of Ellesmere.

The secretary is K. Atkinson, The Flagstaff Lockshead, Southampton, and the members of the council are: Kelway & Sons, Peter R. Barr, Frank Lilley, Charles Blampied, Maurice Prichard, A. J. Bliss, G. H. Atkinson James Carter & Co., W. C. Bull, and three other members to be elected.

The first meeting of the council was held at the Royal Horticultural Hall (by kind permission of the Royal Horticultural Society) Thursday, March 14. Rules and regulations governing the society, its membership and work were adopted. A handbook will be compiled as soon as possible giving all available information respecting the cultivation, etc., of the gladiolus with a classified list of named varieties, which will be issued annually to members. The society intends to hold at least two shows annually and prizes and medals will be offered for competition, both for amateurs and the trade. At suitable times during the flowering season the council will meet to consider any new varieties that may be submitted by growers, and if in their opinion it merited, they will grant a certificate and include the variety in the list in their next handbook in the classified list, with the name of the grower and date of certificate.

The society has a small piece of ground situated at Lockshead, which has been granted them by the Lockshead Nurseries, Ltd., for use as a trial ground. Should any members desire the society to test the bulbs bought from growers, or to test new seedlings, they will have the right to send up to a hundred bulbs of each variety to the secretary, to be grown on the trial ground on their behalf. A nominal fee of one shilling will be charged by the society. The Society undertakes to grow such bulbs carefully and to report fully to the members on their growth and to inform them of the flowering of such bulbs, sending the cut blossom. These may also be submitted to the council, if the member desires. At the expiration of the season the bulbs will be returned with a full report. Members purchasing new and costly varieties will find the trial ground of great value as there have been many complaints in the past from persons who have purchased an expensive bulb represented to be a new variety, and have found, in the flowering season, that the bulb was of some well known stock. Members sending bulbs for trial are requested to state the firm the bulbs were purchased from, the date of purchase, and the name of the variety. In making purchases of costly bulbs, members are advised to inform the salesman that they intend sending one or two bulbs for trial to the National Gladiolus Society.

ROCHESTER, N. Y.—The Florists' Association has appointed the following as representatives on the Exposition Park board of managers: George D. Hart, Charles H. Vick, F. H. Keller, E. F. Wilson and John Dunbar.

SANTA ROSA, CALIF.—At the twenty-third annual flower carnival held May 5, the flower exhibition was one of the important features. The exhibit of Luther Burbank of amaryllis and other flowers was the most distinctive feature.

The Old Reliable Firm of Godfrey Aschmann is more active than ever. No competitor can harm him. He will look to your interests. Mail him your orders.



Look! He Offers you Bargains in Surplus Stock of

# Bedding Plants

WELL GROWN. Over 100,000 of all descriptions are now at your disposal.

For Immediate Shipment. Now Ready.

**Cannas**, John D. Eisele (best improved. Per 100 red flowers. dark foliage). Egadale. . . \$8.00  
 broeze Mme. Froz, 4 in. . . 7.00  
**Cannas**, Alp. Bouvier. Richard Wallace. . . 7.00  
 In addition to the above, we have Austria (yellow), Mt. Blanc, Robusta (giant crimson), and many more good varieties.  
**English Ivy**, 3 in., big as the 4 in., 3 in a pot. 100. . . 5.00  
 2 1/2 in. . . 3.00  
**Begonia** Erfordi, our well known strain, our latest improvement, always in bloom best of all pink varieties. 4 in. pots. . . 8.00  
**Begonia** Vernon, the genuine dark red; a bed of them once seen growing on a lawn in double white, for itself, it is our latest improvement of the Vernon type; always a mass of flowers, stands the sun heat and the dry weather well; 7000 4 in. now ready medium size 4 in. \$7.00; large 4 in. . . 8.00  
 3 in. fall in bloom . . . 7.00  
**Lemon Verbenas**, 4 in. . . 7.00  
**Scarlet Sage**, everybody's favorite. Clara Bedman or Bonfire (in bloom). 4 in. . . 7.00  
**Ageratum**, dwarf, best blue. 4 in. . . 7.00  
**Fuchsias**, assorted colors. 4 in. . . 7.00  
**Fuchsias**, 5 in. . . 10.00  
**Double Petunias**, assorted. 4 in. . . 7.00  
**Petunias**, assorted. 4 in. . . 7.00  
**Geraniums**, for bedding purposes; S. A. Nutt, best crimson; Alfonso Ricard, John Doyle red; Mme. Buchner, double white. 4 in. . . \$7.00 per 100  
**Honey-suckle**, sweet scented Halliana. 4 in. 100; 5 in. . . 15c each  
**Crimson Rambler Roses**, 6 in. pots . . . 15c each  
**Clematis** Paricula, 5 1/2 in. pots. 15 to 20c each  
**Ampelopsis** Vitellifolia, 4 in. 15c; 5 in. 20c each  
**Cobea** Scandens. 4 in. . . 10c each  
 3 in. pots . . . \$4.00 per 100

**Kentia Forsteriana**, 4 year old. 30 to 35 inches high. \$1.50  
**Kentia Forsteriana**, 4 year old. 24 to 26 inches high. 75c to \$1.00.  
**Kentia Belmoreana**, 4 year old. 26 to 28 inches high. \$1.00 to \$1.25.  
**Kentia Belmoreana**, 4 year old. combination or made up of 3 plants, 26 to 28 inches high. \$1.00, \$1.25 and \$1.50  
**Kentia Belmoreana**, combination or made up of 3 plants, 3 year old. 24 to 26 inches high. 75c to \$1.00.  
**Cocos Weddelliana** Palms, made up of 3 plants. 4 to 5 in pots. 30c. 40c and 50c.  
**Asparagus Pamosus** Nanus, 2 1/2 in., \$3.00 per 100. \$25.00 per 1000  
**Asparagus Sprengeri**, 4 in., 10c; 2 1/2 in., strong. \$5.00 per 100.

## Ferns.

**Scottii**, very large selected specimen plants. 8 in. pots. \$1.50; 7 in. pots. 75c to \$1.00.  
**Whitmani** and **Scholezi**, 7 in. pots. \$1.00.  
**Clatralii**, 5 1/2 in. pots. 20c. 35c. 40c. 4 in. pot plants. 20c to 25c.  
 Large 3 inch Boston, Whitmani, Scottii and Scholezi, 15c to 20c.

**Dracena Bruni**, 6 in. pots. suitable for vases. 35c to 40c.  
**Crimson Rambler Rose** Bushes, 6 in. pots. 30, 35 and 40 in. high. 50c. 75c to \$1.00.  
**Nasturtiums**, assorted. 3 in. pots. \$5.00 per 100.  
**Cosmos**, 4 in. pots. 25c in. pot. \$5.00 per 100.  
**Torenia Fournieri**, 2 in. pots. \$3.10 per 100.  
**Pyrethrum Aurum** (Golden Feather), \$3.00 per 100.  
 Large African Marigold, 3 in., 5c.  
 Kenilworth Ivy, 2 1/2 in., 3c.

## Second Consignment.

6,000 just received per Steamer Marquette from Antwerp, Belgium, more coming by next steamer.

**Warning—Don't be deceived.** Now, as well as for the last twenty-five years, we hold the ground as leaders in importing, growing and shipping of our specialty, the Araucarias.

**Araucaria Excelsa**, **Robusta compacta**, **Glaucia**, and **Palmis**, etc. Florists, you all know we are leaders for the last 25 years in importing, growing and shipping of this so well known evergreen decorative plant, the **Araucaria**, more in favor than ever, from Atlantic and Pacific Ocean to every florist our Araucarias is interesting, therefore no argument is needed for our goods. We know what our customers need, therefore we have provided and set aside special specimen plants. Spring 1910 importation, lawns, porches, verandas, bungalows, private summer residences, the hotels and boarding houses on the seashore and elsewhere this plant is one of the most desirable evergreen decorative plants adopted for this above mentioned purposes.

**Araucaria Excelsa**, raised from top cutting, 6 to 7 tiers, 25 to 45 years old. 5, 5.5, 6 and 7 tiers 25, 28, 30, 35, 40 in. in height. \$1.00 \$1.25 \$1.50 \$2.00 to \$2.50 each  
**Araucaria Excelsa Glaucia** and **Robusta compacta**, 6, 7 in. pots. \$1.25 \$1.50 \$2.00 each  
**Araucaria Excelsa**, new importation, out of 5, 5 1/2, and 6 in. pots, 2 to 3 years old. 3, 4 and 5 tiers. 10, 12, 14, 16, 18 and 20 inches high. 40c 50c 75c and \$1.00 each  
**Robusta compacta excelsa glauca**, 5 1/2 and 6 in. pots . . . \$1.00 to \$1.25 each  
**Kentia Belmoreana**, 4 year old. 30 to 35 inches high. \$1.50.

## In Small Plants

we have the following in 2 1/2 to 3-in. pots, at \$3.00 per 100:

**Verbenas**, assorted colors.  
**Phlox** Drummondii, dwarf and grandiflora.  
 French dwarf **Tages** (the queen of the Marigolds).  
**Coleus**, Verschaffelti, Golden Bedder, Queen Victoria (fancy colors, 4c).  
**Petunias**, Inimitable, Dwarf.  
**Sweet Alyssum**, Carpet of Snow or Little Gem.  
**Tradescantia**, two colors.  
**Thunbergia**, or Black Eyed Susan.  
**Lobelia**, Crystal Palace, blue, dwarf and trailing.  
**Crownrogers** (assorted).  
**Centauria Gymnocarpos** (Dusty Miller).  
**Parlor or German Ivy**, 3c.  
**California Giant Petunia**, 3 in., \$5.00 per 100.  
**Astors**, 4 separate colors. 2 1/2 in., 3c; Giant Crego, best aster, adapted for benches, to cut or for pots, 4 separate colors, purple, rose, pink and white. \$3.00 per 100; \$25.00 per 1000.

**Don't forget** that we are the growers and shippers of **Ipomoea Nociflorum**, the pure white Moonvine, with flowers as big as a saucer, very fragrant and the easiest of Marine in existence, for which we have a world-wide reputation for the last twenty-five years: grows 50 feet and over in one season; over 25,000 are shipped every spring all over America south, north, west and east. Mexico and Cuba: 2 1/2 in. pots. \$5.00 per 100; 3 in., \$8.00 per 100; 4 in., \$12.00 per 100.

25 at 100 rates.

Cash with order, please.

All plants must travel at purchaser's risk.

# GODFREY ASCHMANN,

Wholesale Grower and Importer of Potted Plants,

1012 W. Ontario St., PHILADELPHIA, PA.

MOUNT UNION, PA.—C. S. Fouse is engaged in extensive planting at the new Masonic Home near Elizabeth, Pa. The tract of land on which the home is located comprises 1,000 acres, and when the grounds are completed there will be planted 30,000 trees and shrubs.

BROOKLYN, N. Y.—Articles of incorporation of the Liberty Gardens of Port Jefferson have been filed to deal in fruits, flowers, etc., with a capital of \$10,000. The directors are Arthur S. Greene, Henry E. Weeks and Lavinia W. Greene, of Port Jefferson.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Greenhouses: Short Hills, N. J.  
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We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

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440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.  
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Will carefully execute and deliver orders in any part of New York and to out-going steamships.  
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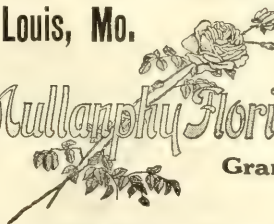
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J. DAN BLACKSTONE

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**A. LANGE,**

25 E. MADISON ST.

Montreal.



All orders receive prompt attention. Choice of Beauties, Orchids and Valley always on hand.

## STEAMSHIP SAILINGS.



FROM NEW YORK EXCEPT AS NOTED.

June 7.

Campania, Cunard, Piers 54 and 56, North River.

Majestic, White Star, 3 p. m., Piers 60 and 61, North River.

FROM BALTIMORE, Rhein, No. Ger. Lloyd, 2 p. m., Pier, 9 Locust Point.

FROM MONTREAL, Starhawk, White Star-Dom., daylight.

June 8.

La Provence, French, 10 a. m., Pier 57, North River.

FROM MONTREAL, Lake Champlain, Can. Pac., daybreak.

June 9.

FROM BOSTON, Parisian, Allan, 9 a. m., East Boston Pier.

FROM PHILADELPHIA, Menominee, Red Star, 10 a. m.

FROM MONTREAL, Ascania, Cunard.

FROM MONTREAL, Virginian, Allan.

June 10.

Celtic, White Star, 11 a. m., Piers 60 and 61, North River.

Kronland, Red Star, 10 a. m., Pier 59, North River.

Philadelphia, Amer., 9:30 a. m., Pier 62, North River.

California, Anchor, 8 a. m., Pier 64, North River.

Florida, French, Pier 58, North River.

La Bretagne, French, Pier 58, North River.

Koenig Albert, No. Ger. Lloyd, 11 a. m., Hoboken Pier.

FROM BOSTON, Romanic, White Star, 10 a. m., Charlestown Pier.

FROM PHILADELPHIA, Haverford, Amer., 10 a. m., Pier 54.

FROM MONTREAL, Megantic, White Star-Dom., 9 a. m.

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Mention the American Florist when writing

Kansas City, Mo.

**WILLIAM L. ROCK**  
**Flower Co.**

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

Mention the American Florist when writing

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

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To out-of-town florists  
We are in the heart of **NEW YORK**  
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We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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1122 Grand Ave. Will fill all orders for Cut  
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"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
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Flowers in any arrangement for all occasions,  
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Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

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FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

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Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

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The Most Central Location in City.

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.

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Bell Phone 281. All orders receive prompt attention

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TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONELL,  
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HIGH GRADE OF FLOWERS

Phone Central 5196 All orders are very  
2190 carefully executed.

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Members Florists' Telegraph Association.

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**The Cleveland Cut  
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Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

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FLORISTS

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Canada's best known and most reliable florist

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Best Dunlop's**

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We deliver anywhere in Canada and guarantee  
safe arrival.

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**C. C. Pollworth Co.**

Will take proper  
care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duran, New York, Second Vice-President; C. E. Kandel, Cleveland, O., Secretary and Treasurer.

Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

HOWARD M. EARL, of W. Atlee Burpee & Co., Philadelphia, Pa., will start shortly on a Pacific Coast trip.

It is reported that the California sweet pea crop is likely to prove no more than half of an average one.

BOUND BROOK, N. J.—Anton C. Zvolanek, the sweet pea specialist, leaves this week for the Pacific coast on his usual crop inspection trip in that section.

IMMORTELLES will be high this season on account of the advanced import tax on colored stock (advanced from 25 per cent to 60 per cent) and still higher by reason of the short crop, reported May 11 to be not more than half that of last year.

CHICAGO.—Prices on the board of trade, May 31, were noted as follows: White clover, from \$22 to \$30.—Vaughan's Seed store is busy closing import and export contracts on the many stocks of plants and bulbs which they must provide four to six months in advance.

ROCHESTER, N. Y.—Chas. H. Vick, of James Vick's Sons, says that for a time in March the business outlook was very discouraging, but in April it began to recover and the improvement continued until the present time, the business of the season now exceeding that of 1910. The aster seed trade with the florists was enormous, exceeding that of all previous years. Sales of grasses, including timothy, clover and alfalfa, were far ahead of any former year.

MILFORD, CONN.—The Everett B. Clark Seed Co. states that the season has been excessively dry and scarcely remember having ever before seen it so dry at this early date. However, the situation has been relieved a little during the past week by some local showers. The crops are not looking so bad as one might expect, judging from the parched condition of the soil. The stand of corn as a rule is very fine and the root crops have made a very fair start.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale Trade Only.

SAN JOSE, CALIF.

### Peas and Beans.

May 27.—Peas were quite late in going into the ground in Michigan and Wisconsin as excessive rains kept the farmers off a good many of the fields. The peas are all in the ground now, of course, but seeding is only about completed.

Beans are going out to the growers and the desired acreage is secured and will be planted within the next few days.

### New York Seed Bill.

New York, May 24, 1911.—With further reference to Assemblyman Gregg's New York state pure seed bill, now entitled, "2 Rdg. 925, 2008. Int \$34," I have just been advised that this bill was passed in the assembly May 15 and has gone over to the senate. It is now in the hands of the Senate Agricultural Committee, of which the Hon. James H. O'Brien, Senator, is chairman.

I would recommend the trade throughout the state to file their protests with the Hon. James H. O'Brien, Chairman Senate Agricultural Committee, Albany, N. Y., by first mail.

MARSHALL H. DURYEA, N. Y. Correspdnt. Am. Seed Trade Assn. [The other members of the senate agricultural committee are Messrs. Ferris, Sanner, Long, Roosevelt, Thomas and Bussey.—ED.]

### Connecticut Conditions.

Orange, May 27.—We have had quite a good deal of cloudy weather the past week and very little rain, one or two very light showers, not enough to go into the ground more than an inch or so. We are getting rather used to dry Mays, for this month has been generally dry for several years past. We must have good soaking rains during June to make good seed crops, good potato crops and good hay crops. All local dealers report satisfactory seed trade, the bulk of which, of course, has passed and the few scattering orders that are coming in now are not enough to keep the help busy. I should judge as a general summing up of the year's business, that it will show a slight falling off from the record-breaking 1910.

Turnip seed, under larger acreage than for many years, generally speaking looks A1, and is in full bloom now; on lighter lands the seed now feels the pinch of the drought, which is beginning to be quite severe.

Beets have started out a little disappointing; many bulbs, while appar-

ently sound when set out, have not started, so there are many gaps or missing places in nearly all fields. Those that have started look fairly healthy.

Onion looks just about as usual at this date and plants are good in color and vigorous; but it is rare at this date that onion does not look well, provided the proper quality of bulbs are set out.

Kale seed is in about the ordinary condition at this time and bids fair to give a satisfactory yield.

Corn just coming out, occasionally a piece large enough to cultivate; stand seems pretty good.

Potatoes coming up very slowly on account of so much cold and drought.

W.

### Penalties of the New York Seed Bill.

The proposed New York seed bill imposes upon conviction a penalty of a fine, not exceeding \$100, for the first offense, and for each subsequent offense not exceeding \$200, or imprisonment not exceeding one year, or both, at the discretion of the court, for the violation of the act, which provides that every receptacle, package, sack or bag containing seeds of any cereals in quantities exceeding ten pounds or exceeding one pound of cabbage, turnips, cauliflower, celery and onions shall be marked as follows:

(1) The full name and address of the seller.

(2) The name and kind of the variety thereof of seeds, except in the case of mixtures prepared for special purposes, when they shall be labeled as mixtures, giving the per centum of each kind and variety.

(3) The name of any foreign injurious seeds present of three per centum or over by count and both the name and per centum of the following adulterants present: Yellow trefoil in any variety of clover; yellow trefoil, burr clover, sweet clover or dodder in alfalfa, Canadian bluegrass in Kentucky bluegrass; meadow fescue or rye grass in orchard grass, or orchard grass in meadow fescue.

(4) A guaranty stating the per centum of purity of the contents of the package by count, which shall upon official examination in no case fall to exceed three below the guaranteed per centum.

### Nebraska Seed Crops.

Fremont, May 27.—A good acreage of vine seeds has been contracted and the crops either have been or are now being planted under favorable conditions. If we have sufficient rains and good growing weather the balance of the season there will be good crops of nearly all varieties, unless some unforeseen damage in the form of hail, insect injury, or something of that kind occurs. Most of the varieties of field and sweet corn grown here have been planted under favorable conditions and in good acreage.

Waterloo, May 29.—All seed crops are now in the ground except cucumbers, and they will be planted within the next week. Corn has gone into the ground under most ideal conditions and the result is a more nearly perfect stand than we have had in some years previous. The acreage in sweet corn is slightly larger than a year ago, possibly 20 per cent increase. Flint corns have also been planted a little more freely and are starting out under favorable conditions. On the whole prospects are quite favorable at present on all crops.

R.

## Pieters-Wheeler Seed Company

Growers of High Grade SEED

Hollister, California



Onion, Lettuce, Radish, Sweet Peas, Etc.

Correspondence Solicited.



## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

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**Specialties:** Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

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## Waldo Rohnert

GILROY, CAL.

**Wholesale Seed Grower,**

**Specialties:** Lettuce, Onion, Sweet Peas, Aster,  
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THE

## J. C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns

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## LANDRETH

SEEDS which SUCCEED

Bloomdale  
Farm.

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**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle."

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**Sweet Pea and Nasturtium Specialists**

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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## ROEMER'S PANSIES

The finest strain of Pansies in the World, Introduced and Grown of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

**FRED. ROEMER, Seed Grower,**  
Quedlinburg, Germany.

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## Lilium Harrisii

THERE are conditions, and they occur not infrequently, under which all Lily bulbs fail to make good flowering plants. There may be probably are more difficulties attending the growing of Lilium Harrisii bulbs than most forcing varieties and yet those who do them will have found the early blooms very profitable. In many parts of the south where this bulb has been grown over a longer season and without the overforcing sometimes imposed on the plants, Harrisii has given most satisfactory returns. We are, contracting subject to crop conditions a select strain of Well Grown Bulbs of

## Lilium Harrisii

Sizes: 5 to 7; 6 to 7; 7 to 9 and upwards.

Write for our **IMPORT LIST FOR FLORISTS** Now Ready.

All Lily Bulbs from all the World at Right Prices.

**VAUGHAN'S SEED STORE, Chicago---New York**

*Mention the American Florist when writing*

## JAPANESE LILIES.

### Lil. Formosum.

|                    | Per 1000 | Per 10,000 |
|--------------------|----------|------------|
| 5 - 6-in. Cir..... | \$10 00  | \$90 00    |
| 6 - 7 " " " " " "  | 18 00    | 180 00     |
| 7 - 8 " " " " " "  | 28 00    | 280 00     |
| 8 - 9 " " " " " "  | 38 00    | 380 00     |
| 9 - 10 " " " " " " | 50 00    | 460 00     |

Price f. o. b. ROBE

We are one of the growers and exporters of Japanese Lilies, and are in a position to supply best quality at the lowest market rates.

Write for catalogue of Japanese Bulbs, Plants and Seeds.

## THE NIPPON ENGEI KAISHA, Ltd.

(The Japanese Horticultural Co., Ltd.)

P.O. BOX 1

**IKEDA, SETTSU, Japan.**

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## SEED PACKETS

We manufacture a full line of

### Packets for the Seed Trade

Packets sufficiently transparent for mailing.

WRITE FOR SAMPLES AND PRICES.

**THE BROWN BAG FILLING MACHINE CO., Fitchburg, Mass.**

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### Specialties:

Onions, Peppers, Early Tomato Cauliflowers, Beans 97 varieties, Melons, Celery, Egg Plants.

SEEDS: Grown on contract for the United States Seedsmen by

**Federico C. Varela, Teneriffe, Canary Islands; Spain.** Enquiries requested: I do not supply growers direct.

## Turnip Seeds

We can offer: Early Purple-top Strap-leaved, Green-top and Purple-top Yellow Aberdeen, Amber Globe, Sweet German, Purple-top Mammoth, Lutes R. d. Globe, Grey stone, Imperial Green Globe, Red Milan and American Purple-top Rutabaga. Ask for prices.

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## Asparagus PlumosusNanus

### SEED

Fresh, true to name and highest germination. \$2.25 per 100.

**DRAKE POINT GREENHOUSES, YALAH, FLORIDA.**  
*Mention the American Florist when writing*

## Asparagus Sprengeri

3 in., \$3.50 per 100.

Dracena Ind. .... 2 in., 2c; 2½ in., 2½c; 3 in., 3c  
Cannas, Egandale, Marlborough ... \$1.50 per 100  
D. Harum. .... 2 00 per 100

**J. H. DANN & SON, Westfield, N. Y.**



# Choice Young Rose Stock

|                               |                |                                         |                 |
|-------------------------------|----------------|-----------------------------------------|-----------------|
| 500 Perles, 4-in. pots.....   | Per 100 \$8.00 | 3,000 Grafted Maryland, 3-in. pots..... | Per 100 \$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00           | 1,000 Grafted Maids, 3 and 4-in. pots.. | 12.00           |

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Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

### TUBEROUS ROOTED BEGONIAS

In four separate colors. White, Scarlet, Yellow, Pink.

|             |            |             |
|-------------|------------|-------------|
| Single..... | 100 \$2.00 | 100 \$18.00 |
| Double..... | 4 00       | 38 00       |

### Lily Bulbs

|                                |                 |
|--------------------------------|-----------------|
| Lil. Auratum, 9 to 11.....     | Per 100 \$ 8 00 |
| Lil. Album, 8 to 9.....        | 7 50            |
| Lil. Album, 9 to 11.....       | 10 00           |
| Lily of the Valley clumps..... | 20 00           |

### Lily of the Valley Pips

International Brand

|                                |         |
|--------------------------------|---------|
| Medium Grade Pip, per 100..... | \$10 00 |
|--------------------------------|---------|

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.

### The Phoenix Nursery Co. BLOOMINGTON, ILLINOIS

Offers the following for immediate shipment:

**ROSES from 4-inch pots, \$7.50 per 100; \$60.00 per 1000:**

|                 |               |                   |               |
|-----------------|---------------|-------------------|---------------|
| 700 Bride,      | 200 Chateaux, | 50 Queen Scarlet, | 300 Richmond, |
| 400 Bridesmaid, | 300 G. Gate,  | 75 Ivory,         | 150 Hermosa.  |

**ROSES from 3-inch pots, \$5.00 per 100; \$35.00 per 1000:**

|                 |                   |                    |                            |
|-----------------|-------------------|--------------------|----------------------------|
| 900 Bride,      | 350 Golden Gate,  | 100 Richmond,      | 75 Mrs. De Graw,           |
| 700 Bridesmaid, | 50 Queen Scarlet, | 150 Hermosa,       | 550 Gruss an Tep-<br>litz. |
| 400 Chateaux,   | 300 Ivory,        | 350 D. De Brabant, |                            |

**ROSES from 2-inch pots, \$2.50 per 100; \$20.00 per 1000:**

|                                                 |                      |                |                      |              |
|-------------------------------------------------|----------------------|----------------|----------------------|--------------|
| 300 Bride,                                      | 300 Bridesmaid,      | 250 G. Gate,   | 100 Grussan Teplitz, | 100 Richmond |
| 700 Centaurea Gymnocarpa (Dusty Miller),        | from 2-in. pots..... | \$2.00 per 100 |                      |              |
| 750 Vinca Major variegata, 2-in. pots.....      |                      | 3.00 per 100   |                      |              |
| 3,600 Coleus, assorted colors, 2½-in. pots..... |                      | 2.00 per 100   |                      |              |
| 750 Alternanthera, Red, 2-in. pots.....         |                      | 2.00 per 100   |                      |              |
| 200 " Yellow, 2-in. pots.....                   |                      | 2.00 per 100   |                      |              |

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### Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

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ESTABLISHED IN 1894.

### Bridgeman's Seed Warehouse,

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37 East 19 St., New York  
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Telephone 4235 Gramercy.

Mention the American Florist when writing

### Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and famous Sweet Corn. Introducers of the White Mexican Sweet Corn.

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### Phoenix Canariensis...

BALLED. By the Thousands

|                 |     |                 |        |
|-----------------|-----|-----------------|--------|
| 2 to 2½ ft..... | 85c | 3 to 3½ ft..... | \$1.00 |
| 2½ to 3 ft..... | 75c | 3½ to 4 ft..... | 1.25   |

KENTIA NURSERIES, Santa Barbara, Calif.

### Asparagus

|                                      |                |
|--------------------------------------|----------------|
| Plumous Seedlings, 1000 \$10 00..... | Per 100 \$1 25 |
| Sprengeri Seedlings 1000 7.00.....   | 1 00           |
| Plumous, 2½ in. pots.....            | 2 00           |

Asparagus Plumous Seed, per 1000, \$2.50; per 100, 50c.

Cash,  
Please,

**JOS. H. CUNNINGHAM, Delaware, O.**

### Alternantheras

|                                       |              |
|---------------------------------------|--------------|
| 2½-in. pots Red and Yellow.....       | Per 100 2 00 |
| Salvias, 2½ in. pots.....             | 3 00         |
| Asparagus Sprengeri, 2½ in. pots..... | 2 00         |

### Coleus

Golden Bedder, Verschaffeltii and mixed standards. Stock plants for immediate use, at \$1.25 per 100; strong rooted cuttings, \$5.00 per 1000. Giant-leaved cuttings, \$1.00 per 100.

### GERANIUMS

Rooted cuttings of Nutt. Ricard and Poitevine, now to Oct. 20th, at \$10.00 per 1000.

### SMILAX

Good pot plants the kind it will pay you to buy. \$12.50 per 1000; \$1.50 per 100.

**ALBERT M. HERR, Lancaster, Pa.**

### Perennial Phlox

Fifteen varieties, all of them good ones, mixed, rooted cuttings at \$1.25 per 100, by mail; \$10.00 per 1000, by express.

### SPRENGERI

4 inch stock at \$5.00 per 100; 2-inch ready July 15th, \$1.50 per 100.

### LIME

An extra fine grade, bagged; will keep for a year or more. Try a half ton at \$4.50 and learn how good it is.

### ORCHIDS...

Largest Importers, Exporters, Growers, and Hybridists in the World.

**SANDER, St. Albans, Eng.**

NEW YORK OFFICE: 258 Broadway, Room 721

T. MELLSTROM, Agent.

### Orchids

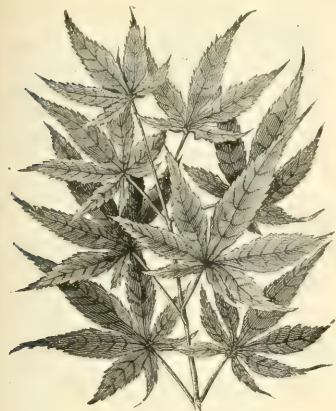
Just arrived — a large consignment of Cattleyas.

Triane, Mendellii, Mossii,  
Schroederia, Spectabilissima, Gigas Sanderiana,  
Gaskelliana, Miltonia Veilliana.

### Special Sale

**JOHN DE BUCK,**

care of Maltus & Ware, 14 Stone St, New York



JAPANESE MAPLE.

# Japanese Maples

## A Splendid Lot of Pot-grown Plants in the Three Best Varieties

|                                                                                   |             |               |
|-----------------------------------------------------------------------------------|-------------|---------------|
| <b>Polymorphum Atropurpureum.</b> Red or purple leaved, the most popular variety. |             |               |
| Strong, bushy, 6-inch pots, 18 to 24 inches high.....                             | Each \$1 00 | Dozen \$10 00 |
| Strong young plants, 4-inch pots, 8 to 10 inches high.....                        | 40          | 4 00          |
| <b>Polymorphum Aropurpureum Dissectum.</b> The red, fine cut leaved variety.      |             |               |
| Strong 6-inch pots, 15 to 18 inches high.....                                     | 1 00        | 10 00         |
| Strong 4-inch pots, 8 to 10 inches high.....                                      | 40          | 4 00          |
| <b>Japonicum Aureum.</b> Golden leaved, heavy foliage.                            |             |               |
| Strong 6-inch pots, 12 to 15 inches high.....                                     | 1 00        | 10 00         |
| Strong 4-inch pots, 6 to 8 inches high.....                                       | 40          | 4 00          |

## Schizophragma Hydrangeoides The Climbing Hydrangea

It is the first time that we are able to offer such a fine lot of extra heavy, pot-grown plants of this rare hardy climber. Splendid, strong plants, 2 to 3 feet high, in 6 and 7-inch pots, 75c each; \$7 50 per dozen.

## Clematis Montana Grandiflora

A spring-flowering Clematis, the first climbing plant to bloom, frequently opening its flowers during the last week in April and continuing well through May, the flowers remind one of the Anemone Japonica in miniature, being 1 1/2 to 2 inches in diameter and of a pure white. A clean, healthy, vigorous grower, not affected by disease of any kind, and a vine which is destined to become very popular. Strong 2-year-old plants, 35c each; \$3 50 per dozen; \$25 00 per 100.

**HENRY A. DREER, Inc.,** <sup>714</sup> Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.

## CHRYSANTHEMUMS

### Special

|                                    |         |      |           |         |
|------------------------------------|---------|------|-----------|---------|
|                                    | R. C.   | per  | 2 1/2 in. |         |
|                                    | 100     | 1000 | 10        | 1000    |
| Best Early White Oct. Frost.....   | \$25 00 |      |           | \$30 00 |
| Best Early Yellow Golden Glow..... | 25 00   |      |           | 30 00   |

### Large Stock. Time to Plant Now.

| WHITE                   |        |         |           |         |
|-------------------------|--------|---------|-----------|---------|
|                         | R. C.  | per     | 2 1/2 in. |         |
|                         | 100    | 1000    | 10        | 1000    |
| Virginia Poehlmann..... | \$3 00 | \$25 00 | \$4 00    | \$35 00 |
| Robinson.....           | 2 50   | 20 00   | 3 00      | 25 00   |
| Clementine Touse.....   | 2 50   | 20 00   | 3 00      | 25 00   |
| Alice Byron.....        | 2 50   | 20 00   | 3 00      | 25 00   |
| Timothy Eaton.....      | 2 50   | 20 00   |           |         |
| Fres. Roosevelt.....    | 3 00   | 25 00   | 3 50      | 30 00   |
| YELLOW                  |        |         |           |         |
| W. H. Chadwick.....     | 3 00   | 27 00   | 4 00      | 35 00   |
| Monrovia.....           | 2 50   | 20 00   | 3 00      | 25 00   |
| Halifax.....            | 2 50   | 20 00   | 3 00      | 25 00   |
| Col. Apoliton.....      | 2 50   | 20 00   | 3 00      | 25 00   |
| Major Bonafon.....      | 2 50   | 20 00   |           |         |
| Yellow Eaton.....       | 2 50   | 20 00   |           |         |
| Golden Chadwick.....    | 3 00   | 27 00   | 4 00      | 35 00   |
| PINK                    |        |         |           |         |
| McNiece.....            | 2 50   | 20 00   | 3 00      | 25 00   |
| Maud Dean.....          | 2 50   | 20 00   | 3 00      | 25 00   |
| Dr. Enguehard.....      | 2 50   | 20 00   | 3 00      | 25 00   |
| RED                     |        |         |           |         |
| Schrimpton.....         | 3 00   | 20 00   | 3 00      | 25 00   |
| Intensity.....          | 2 50   | 20 00   | 3 00      | 25 00   |

**POEHLMANN BROS. CO.**  
Morton Grove, Ill.

### SOME PLANT BARGAINS.

|                                                 |        |       |
|-------------------------------------------------|--------|-------|
| Shasta Daisies, strong divided roots.....       | 100    | 1000  |
| Violets, California and Princes of Wales.....   | \$7 50 | 20/22 |
| Echeveria Metallica.....                        | 30 00  |       |
| Agave, variegated, 1 to 1 1/2 ft.....           | 30 00  |       |
| Golden Glow, strong field clumps.....           | 30 00  |       |
| Calliandras, finest strains, strong plants..... | 3 00   |       |
| Wall Flowers, 1 to 1 1/2 ft.....                | 5 00   |       |
| German Iris, blue, strong divided roots.....    | 3 00   |       |
| Phoenix Canariensis Seed, pospaid.....          | 3 00   |       |
| Logan, seedlings, pot grown, 2 to 3 ft.....     | 3 00   |       |

Cash please.

**Las Palmas Greenhouses,**  
Palo Alto, California.

## BAY TREES

### STANDARD or TREE SHAPED.

| Stems           | Crowns          | Each    | Pair    |
|-----------------|-----------------|---------|---------|
| 38-40 inch..... | 22-24 inch..... | \$ 6 50 | \$12 00 |
| 42-46 inch..... | 24 inch.....    | 6 75    | 12 50   |
| 45-48 inch..... | 26 inch.....    | 7 50    | 14 00   |
| 45-48 inch..... | 28 inch.....    | 8 00    | 15 00   |
| 45-48 inch..... | 30 inch.....    | 10 00   | 18 00   |
| 46-54 inch..... | 34 inch.....    | 12 00   | 22 00   |
| 46-54 inch..... | 40 inch.....    | 15 00   | 28 00   |

### PYRAMIDAL SHAPED.

|                                              |         |         |
|----------------------------------------------|---------|---------|
| 5 ft. high, 24-26 inch diameter at base..... | \$ 8 00 | \$15 00 |
| 6 ft. high, 26-28 inch diameter at base..... | 10 00   | 18 00   |

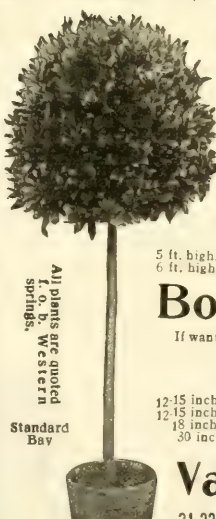
## Box Trees

### PYRAMIDAL SHAPED.

| 2 1/2 ft. high..... | Each \$2 00 | Pair \$3 75 |
|---------------------|-------------|-------------|
| 3 ft. high.....     | 2 50        | 4 50        |

### BUSH SHAPED.

| Each                                      | Doz.      | 100           |
|-------------------------------------------|-----------|---------------|
| 12-15 inch high, bushy plants.....        | \$3 35    | \$35 00       |
| 12-15 inch high, 10-12 inch diameter..... | 60        | 6 00          |
| 18 inch high.....                         | 60        | 6 00          |
| 30 inch high.....                         | Each 2 50 | Per pair 4 50 |



All plants are boxed  
L. O. B. Western  
springs.

Standard  
Bay

## Vaughan's Seed Store

31-33 Randolph St., Chicago. 25 Barclay St., New York.  
Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

Mention the American Florist when writing

## Soft Wooded Plants

ROSES, CANNAS and DECORATIVE PLANTS for stores.

**GEO. A. KUHL,** Pekin, Ill.  
Mention the American Florist when writing

**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2 1/2 inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.  
Mention the American Florist when writing



## Market Gardeners

**Vegetable Growers' Association of America.**

B. L. Watts, State College, Pa. President;  
H. F. Hall, Boston Mass., Vice-President;  
S. W. Severance, 505 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Fraud in Early Potatoes.

Small Peachblow or McClure potatoes are being sold in Colorado as early potatoes, states C. L. Fitch, potato specialist of the Colorado Agricultural College in the news notes published by that institution, dealers claiming they bought them as southern grown Triumphs. The Peachblow is a late variety and an excellent keeper and a large number of small medium-sized tubers of even round shape can be selected. Here the similarity ends. Triumph, the first early potato from the south, skins badly at this time of the year and are of a brownish red color. Peachblow at this season are red or pink veined with white and are tough and rubbery. The former are selling at seven cents a pound, the fraudulent early potatoes at six pounds for a quarter. A sure test is that early potatoes will show no signs of growth for 60 or 90 days, while these fraudulent potatoes show signs of life by the starting of sprouts. True early potatoes will be found without signs of life at the eyes.

### Floating Gardens in Mexico.

THEIR ORIGIN AND DEVELOPMENT.

Remains of gardens that must have been laid out long before Mexico was conquered by the Spaniards still exist there, showing that the half-civilized tribes that dwelt in the southern part of the American continent knew the art of decorating Nature, and converting their wilds into delightful resorts.

The first floating gardens (says the "Philadelphia Record") consisted of masses of earth that became loosened from the main land, and were held together by the roots that lay embedded in them. Then the Aztecs, seeing that it was possible to have floating gardens, made rafts of weeds and rushes, closely fastened together, and upon these a deep layer of rich earth was put. Thus moving islands were formed, sometimes several hundred feet long and 3 ft. or 4 ft. deep, and launched out upon the water. It was upon these floating islands that the Aztecs grew the fruits, flowers, and vegetables that they sold in the markets of the towns along the shore. They would push their gardens right up to the borders of the town, and so float on from one town to another. These strange gardens had their origin in the necessities of the people of a certain locality, who, being shut in by their enemies, were forced to resort to some means to avoid famine. Finding themselves on the border of a lake, they set to work to make floating islands; and on these they planted corn and other vegetables. By means of long poles they moved the floating gardens from one shore to another, and thus supplied the hungry people. In this way the Mexicans were saved from conquest, and so suc-

cessful was the plan of making the floating gardens that they became common, and instead of being used solely to raise food, they were planted with trees and with flowers of the most brilliant colors and delicious perfumes.

These floating islands may still be seen in parts of Mexico. Many of the peasants, living in humble huts of brick or reeds along the shores of Lake Texcoco, have the islands as their only farms, whereon they raise and sell the vegetables grown in Mexico, which need but little cultivation and care. Up to within a hundred years or so ago beautiful floating gardens were still to be seen on this and other Mexican lakes. Sometimes quaint little edifices peeped from among their luxuriant shrubs and flower beds, sometimes the pretty paths were overhung with rich clusters of tropical fruits. Such were the gardens of the wealthy nobles of that time, who took holiday trips on their floating gardens, and might move slowly over the waters, the verdant raft propelled by servants with long, slender poles, and thus travel, reposing amid flower beds and under deep and luxuriant shadows.—Journal of Horticulture.

### VEGETABLE PLANTS.

Cabbage, Wakefield. All Head. Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.  
Lettuce, Grand Rapids, Big Boston. Boston Market and Tennis Ball. \$1.00 per 1000; 10,000 and over 85c per 1000.  
Beet, Crosby, Egyptian and Eclipse. \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

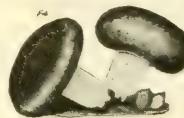


Watch for our Trade Mark stamped on every brick of Lambert's

**Pure Culture Mushroom Spawn**

Substitution of cheaper grades to this easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn.  
Mention the American Florist when writing



We will mail on application sample of

**Niagara Pure Culture Spawn**

Direct or Transfer, or both

that you may be your own judge of quality. We will quote you most attractive figures.

Our quality speaks for itself and is guaranteed

Niagara Mushroom & Spawn Co., Lockport, N. Y.

## Success In Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

**AMERICAN FLORIST CO.,**  
440 S. Dearborn St., Chicago.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER AND EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1877.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4 oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

Our Splendid  
1910 Novelty

## "Copenhagen Market"

Earliest large-headed and equal maturing Cabbage in existence.

N.B.—Not obtainable from any other Danish grower.



"Copenhagen Market." Electro Free.

Contract Now for  
1911 Crop.

## Cauliflower

Seed and

## Cabbage

Seed

Largest acreages and finest stocks in Denmark.

**HJALMAR HARTMANN & CO.**  
Copenhagen, Denmark

Seed Growers for the Wholesale Trade Only

First Danish firm who called personally on the U.S.A. and Canadian seed trade.

# Ready for Shipment

## Bay Trees

In all sizes, in best values.

## Box Trees

Large assortment, in all sizes and forms.

## Begonia Lorraine

From 2¼-in. pots, twice shifted, leaf cuttings, finest obtainable.

## Cyclamen

From 2-in., 3-in. and 4-in. pots, finest strain.

## Kentias

Largest and finest stock at reasonable prices.

**Special Price List for the Asking**

# JULIUS ROEHRS CO., Rutherford, N. J.

## ROSES

2½-in. 100 1000

Pink Killarney,.....\$6 00 \$55 00

Richmond,..... 5 00 45 00

Perles, Ready April 1..... 5 50 50 00

Richmond, Now ready

3½-inch..... 8 00 65 00

Cut back benched Pink Killarney, \$60.00 per 1000; good strong stock.

**POEHLMANN BROS. CO.,**  
Morton Grove, Ill.

A GRAND NEW CARNATION

## Bright Spot

Outclasses everything heretofore grown in the pink dark class.

□ Won first honors in the 100 class for the best dark pink at the A.C.S. meeting, Pittsburg, January, 1910, also at the Chicago Flower Show, November, 1909. It is a pure bright dark pink of even shade, size 3½ inches, an early and continuous bloomer, brings fully 25 per cent more flowers to the plant than Lawson at its best; flowers well shaped on long wiry stems; calyx does not split. It is a good shipper, and the cuttings root easy.

Price: Per 100 \$12.00; per 1000, \$100.00; per 5000, \$400.00. 25 at 100, 250 at 1000 rates. Place your order now to be in on early deliveries.

**Nic. Zweifel, North Milwaukee, Wisconsin**

IF YOU SAW IT IN THE

## THE FLORIST

SAY SO IN YOUR NEXT ORDER.

## A. N. PIERSON, Inc.

Cromwell, Conn.

## ROSES

**It Will Pay  
You to Buy**

Killarney, White Killarney,

Bride, Bridesmaid.

Selected grafted plants, ready for shipment, \$15.00 per 100; \$120.00 per 1000.

Prince de Bulgarie

The money maker for summer, fall and spring. Per 100 1000  
Grafted.....\$20.00 \$180.00  
Own root..... 15.00 120.00

Double Pink Killarney,  
Mrs. Aaron Ward, Radiance

**ORDER AT ONCE**

## ASPARAGUS HATCHERII

The variety that will increase your revenue. It will make more green to the square foot than anything you could grow. Selected plants, from 2¼-in. pots, ready for larger pots or for planting, \$15.00 per 1000.

## ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 3-in. pots, \$6.00 per 100, \$50.00 per 1000

## CARNATIONS

Ready for planting in the field; order at once  
Lawson Enchantress at \$1.50 per 100; Admiration and Scarlet Glow at \$2.50 per 100; Alvina, Victory and Winona at \$1.75 per 100.

**ALBERT M. HERR, LANCASTER, PA.**

## Peach Pits Cracking

Fine natural peach pits cracking and with fine little green trees perfectly hardened and 7/16 will live and can be budded this summer. They are two weeks ahead of the sprouts. Packed in green moss and will ship perfectly.

Also Asparagus Seed of the Imperial Palmetto and Rhubarb Roots.

**WARREN SHINN,**  
Nurseryman, WOODBURY, N. J.



## The Nursery Trade

**American Association of Nurserymen**  
W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Shenandoah, Ia., Vice Presi-  
dent; John Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16 1911.

ONTARIO, CALIF.—J. S. Armstrong, the nurseryman, will make an eastern trip about June 15.

W. VAN KLEEF, JR., representing W. Van Kleef & Sons, Boskoop, Holland, sailed for home on the S. S. Lusitania, May 31, reporting business good.

The next meeting of the American Peony Society will be held at Horticultural Hall, Broad street, Philadelphia, Pa., Thursday and Friday, June 8-9, and not June 14-15 as previously advertised.

HUNDREDS of pine trees imported from Germany by the state for the denuded Adirondack lands, have been destroyed by orders of the foresters. They developed a disease which threatened to ruin the forests.

EUROPEAN ELMS.—Prof. Sargent says there are European elms in the neighborhood of Boston at least a century old and still in good health. So far as he has observed, all the European species promise to do well and live to old age in that part of the country.

### American Peony Society.

Owing to the extreme warm weather that has prevailed all over the country, the date of the show of the American Peony Society has been advanced, and it will be held at Horticultural Hall, Philadelphia, June 8-9. The premium for class 14, best six blooms Duchesse de Nemours, is for Calots', or the white type, and not Guerin's pink Duchesse le Nemours.

All exhibits at the coming show of the American Peony Society to be held at Philadelphia, Pa., June 8-9, must be staged by 3 o'clock on the opening day, June 8, and all entries should be sent to the secretary, A. H. Fewkes, Newton Highlands, Mass., entries to be in his hands not later than the morning mail of June 5. All goods for exhibition purposes to be sent the society in care of David Rust, secretary, Pennsylvania Horticultural Society, Broad and Locust streets, Philadelphia, Pa., and all shipments to be prepaid. Exhibition blooms coming collect will not be accepted, as the committee has no funds from which to pay out-of-town charges. The society would also appreciate advice as early as it can be given to the secretary, of approximately how many entries will be made, even if this number is later reduced, in order that the proper accommodation may be ready when the entries come in.

J. H. HUMPHREYS.

### Viburnum Davidii.

This is one of a number of new viburnums which have been introduced from western and central China within the last few years. Like many of the species, however, it has been known from herbarium specimens for a much longer period, for it was col-

lected by Pere A. David in Mupin in April, 1869, and was described by Franchet in "Plante Davidiana," Vol. II, page 69. It is an evergreen, and is said to grow from one foot to two feet in height. The leaves are ovate four inches to six inches long and 1½ inches to 2¼ inches wide. The margins are toothed, and the surface is peculiar by reason of three strong nerves, which form an ellipse with a quarter-inch margin. The flower-buds are set in autumn, and remain dormant all the winter, to open into moderate-sized inflorescences of white flowers during late spring. They are succeeded by small blue, oval fruits, which ripen in autumn. Though rare at present, it ought to form a useful shrub and become popular in the future. It is found at an altitude of 8,400 feet, in consequence there is every reason to believe that it will prove quite as hardy as other species from the same altitude in Western and Central China.

### Nurserymen's Guarantee.

ED. AMERICAN FLORIST:

How much responsibility should be assumed by stating "We guarantee trees to grow?" Would it mean that the guarantee had been fulfilled if the trees had been properly planted, or transplanted, guyed and watered, then put forth growth and started to grow? Afterward on account of not being properly cared for, the trees died, should the guarantee hold as though it read "We guarantee the trees to live?" S. & S.

The question of guaranteeing trees has been a theme for discussion among nurserymen for some time and many articles have been written upon the subject, and on general principles among the prominent nurserymen it is considered wrong to attempt to guarantee that trees will grow, as in almost every case different conditions arise and the seller can seldom control or even suggest, the requirements in the matter of proper planting; and, just as important for the tree welfare, is not able to control the care after planting; and least of all, the weather conditions which have so much to do with good results. In a few odd cases, contract plantings are guaranteed where the nurserymen have supervision of the planting and care for the following year, but this is done on a separate insurance basis, the guarantee being made for a percentage of the cost of the original planting. Large buyers such as parks and cemeteries seldom require any guarantee, for, having men who are able to tell the condition of a tree upon its receipt, if it is unsatisfactory the tree is not accepted. With fruit trees, however, there should be a guarantee that the variety is true to name, and the tree replaced or money refunded. The large and reliable nurseries nearly all have printed upon their sales sheet the guarantee that they take the utmost care to have their stock true to name, and hold themselves in readiness to replace, upon proper proof, all stock that may prove untrue, or refund the amount paid, and in most cases the seller is not liable to any sum greater than the amount originally received.

There are nurseries, however, that make a guarantee that the tree should live, and in some cases have a date limitation, at which they will replace

all stock not then alive, but this is considered by many as one of the greatest evils of the nursery business for the seller must protect himself, though the loss be heavy. When it is considered how many are the contingencies on which the success of the planting the stock depends, such as planting too deep, or too shallow, leaving the stock exposed too long, before planting, improper care after planting, a large price must be charged to insure a profit. On general principles it is fairer to sell first-class stock at a fair profit and let the seller carry his own guarantee. If the stock is purchased with a guarantee to grow, and without date limitation as to living, and the tree then makes proper growth, the guarantee seems to have been fulfilled even should the tree afterward die. W.

## Hybrid Perpetual and Rambler Roses

Strong Forcing Stock for Florists.

Orders for fall delivery booking now.

Jackson & Perkins Company, Newnark, N.Y.  
Mention the American Florist when writing

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES.

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

Mention the American Florist when writing

## Phoenix Nursery Company

Nurserymen and Florists  
BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready

Mention the American Florist when writing

## Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. G., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraea, Valleys.

Price List Free on Demand.

Mention the American Florist when writing

## Alternantheras.....

Strong, well rooted cuttings: the kind that will please you.  
P. Major, red, 50c per 100; \$4.00 per 1000. A. Nana, yellow, 50c per 100; \$4.00 per 1000. Brilliantissima, 60c per 100; \$5.00 per 1000.

J. W. DAVIS, 225 W. 16th Street, Davenport, Iowa

Mention the American Florist when writing



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co., MORRISVILLE, PA.

Mention the American Florist when writing

The Sensational New Cut Flower

## Dahlia Dorothy Peacock

Representing the Highest Development in Dahlias

Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England,

**Beautiful, Pure Pink**

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**Killarney and White Killarney**

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Fine value, in clean, decorative stock.

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| to 3 ft. spread.....                | \$1.50 |

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|                                    |        |        |
|------------------------------------|--------|--------|
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| 9-in. " " 42-in. " " " " " "       | 3.00   | 36.00  |
| 9-in. " " 48 to 54 in. high.....   | 4.00   |        |
| 9-in. " " 5 ft. high.....          | 8.00   |        |
| 6 in. pots, 22 to 24 in. high..... | \$1.00 | \$2.00 |
| 6 in. " " 24 to 26 in. " " " " " " | 1.25   | 15.00  |
| 6 in. " " 26 to 28 in. " " " " " " | 1.50   | 18.00  |

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### Made Up

|                                                    |       |
|----------------------------------------------------|-------|
| 4 plants in 9-in. cedar tubs, 42 to 48 in. high, 3 | Each  |
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|                          |      |       |
|--------------------------|------|-------|
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Ask someone who is using a Standard for his opinion of it.

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## Trade Directory

Of The United States and Canada

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Is a Perplexing Question to all Florists

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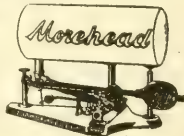
## Morehead Steam Traps

1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

1 The majority of florists are using Morehead Traps If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

1 By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO. Department "N" Detroit, Mich.

## What the Users say

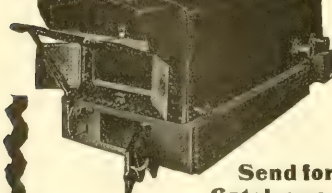
## "Fires Twice During Night In Coldest Weather; Kroeschell Boiler Far Better Than Cast Iron Boilers."

With your No. 14 boiler I am heating 27,000 sq. ft. of glass, but have no doubt this boiler would take care of 37,000 sq. ft. We have not had the least bit of trouble to maintain proper temperatures. In very cold weather I fire twice during the night. I had two cast iron boilers before, but yours are far better. Last winter I heated 17,000 sq. ft. of glass with my small boiler, your No. 7 maintaining a temperature of 50° when outside temperature was 6° above zero; (the regular rating of No. 7 boiler without Generator is 15,000 sq. ft. of glass), with the Kroeschell piping system in connection with the Kroeschell Generator. This piping system and Generator are entirely satisfactory. I take pleasure in recommending the system and boilers to anyone.

ANTON J. PAULY, Attica, N. Y.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

Send for Catalogue.



# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

*Ageratum Stella Gurney*, 2-in., 2c. J. L. Schiller, Toledo, O.

*Ageratum Imperial dwarf blue*, 2½-in., \$2 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

*Ageratum*, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALTERNANTHERAS.

*Alternantheras*, good strong well-rooted cuttings. P. major, red 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. *Brilliantissima*, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.

*Alternantheras*, red 2½-in., 2c; red and yellow, 2½-in., 4c. Mosbæk Greenhouse Co., Onarga, Ill.

*ALTERNANTHERAS*, red 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

*Alternantheras*, P. major, 50c per 100; \$4 per 1,000. A. nana, 50c per 100; \$4 per 1,000. *Brilliantissima*, 60c per 100; \$5 per 1,000. J. W. Davis, 225 W. 16th St., Davenport, Ia.

*Alternantheras*, red and yellow 2½-in., \$2 per 100. Jos. H. Cunningham, Delaware, O.

*Alternantheras*, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALYSSUM.

*Alyssum*, Little Gem, 2½-in., \$2 per 100. Frank Felke, Wilmette, Ill.

## ARAUCARIAS.

*Araucarias*. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

*Araucaria excelsa*, 6-in., 5 tiers, 75c. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

## ASTERS.

*ASTERS* Vick's. Early Branching, Vick's Late Branching, Victoria Imp. all colors separate. Mikado and Vick's Royal Purple, good healthy plants from seed bed at \$2.50 per 1,000 in any quantity. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

*Asters*, Dregg's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lady Roosevelt after plants, fine large incurved pink, stems 24 to 36 inches. Something choice, 50c per 100. Mrs. Edw. Hayden, Greenville, Ill.

*Asters*, Vick's Imperial Purity and Daybreak. New Upright and Non-Lateral Branching, in colors, 2½-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

*Asters*, good strong transplanted, \$1.50 per 100; \$12.50 per 1,000. Otto J. Hembelker, Lincoln, Ill.

## ASPARAGUS.

*Asparagus plumosus* seedlings, \$1.25 per 100; \$10 per 1,000; Sprenger, \$1 per 100; \$7.50 per 1,000. *Plumosus*, 2-in., \$2 per 100. Sprenger, 2½-in., \$2. Jos. H. Cunningham, Delaware, O.

*Asparagus Hatcheri*, 2½-in., \$15 per 100. Sprenger, 4-in., \$10 per 100; 3-in., \$8 per 100; \$50 per 1,000. A. S. Pierson, Inc., Cromwell, Conn.

Potbound 3-in. Sprenger, can be shifted into 5-in., \$8 per 100. C. C. Pollworth Co., Milwaukee, Wis.

*Asparagus plumosus*, 3-in., \$5 per 100; 4-in., \$8. Sprenger, 3-in., \$4; 4-in., \$7. Reeser Plant Co., Springfield, O.

*Asparagus plumosus*, 2-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

*Asparagus Sprenger*, 2-in., \$1.50 per 100. Wetttin Floral Co., Hornell, N. Y.

*Asparagus Sprenger*, 3-in., \$4 per 100; 2½-in., \$3. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

*Asparagus Sprenger*, 2½-in., 2c. Mosbæk Greenhouse Co., Onarga, Ill.

*Asparagus Sprenger*, 4-in., \$5 per 100; 2-in., \$1.50. A. M. Herr, Lancaster, Pa.

*Asparagus Sprenger*, from 3-in. pots, 3½c. J. L. Schiller, Toledo, O.

*Asparagus Sprenger*, 3-in., \$3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

*Asparagus Sprenger*, 3½-in., strong, \$8 per 100. Cash please. Harry Heintz, West Toledo, O.

*Asparagus plumosus* and Sprenger plants. W. H. Elliott, Brighton, Mass.

*Asparagus Sprenger*, 2, 2½ and 3-in. Vaughan's Seed Store, Chicago and New York.

## BAY TREES.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-inch crowns. Prices, \$2.50 to \$25 each. Not cut know your wants. Wager Plant Conservatories, Sidney, O.

Bay trees. Julius Roehrs Co., Rutherford, N. J.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding plants: *Alternantheras*, 2-in., 2c; *Begonia* Vernon, 2-in., 2c; *petunias*, 3-in., 4c; 4-in., 8c; *Coleus* Duster yellow, red, Verschaffelti, Golden Belder, 3-in.; *Thunbergia* Vines, 3-in., 4c; *achyranthus*, 3-in., 4c; *salvias*, 4-in., 8c; 3-in., 5c; *fuchsias*, 4-in., 8c; *marguerites*, white, 4-in., 8c and 10c; yellow, 4-in., 8c; *cobaea*, 4-in., 10c; *vinca* variegated, 4-in., \$2 per doz., extra strong, \$2.50 per doz.; *Caladium esculentum*, 5-in., 10c; 4-in., 10c. Set *Alyssum*, 2-in., 2½c. *Salroli*, 2-in., 3c; 3-in., 5c; *geraniums*, 4-in., 8c; extra strong, \$10 per 100; *ivy geraniums*, 3-in., 4c; 4-in., 8c. *Castor bean*, 4-in., 8c; *Hellebore*, 4-in., 8c. *Agrostum*, 4-in., 8c. *Colobla*, dwarf, 2-in., 2½c; tall, 2-in., 2½c. *Celosia*, 3-in., 4c. *Rose geraniums*, 4-in., 10c. *Stocks*, 4-in., 8c. *Zinnia*, 3-in., 4c. *Nasturtiums*, 3-in., 5c. *Daisy* (*Bellis perennis*), 2c. *Verbenas*, 3-in., 4c. *Grave myrtle*, 2-in., 2½c; 4-in., 4c. *Cannas*, 4-in., 8c; F. Vaughan, Wyoming, Henderson, Engadale, David Harum, Souv. D'Antone Crozy, Allemanina, Austria, Shenandoah, Pa., Chicago, THE GEO. WITTBOLD CO., 739 Buckingham Pl., Chicago.

Bedding stock, 3-in., \$4 per 100; *Salvia*, Bonfire and Zurich; *Ampelopsis* Vitellifol; hardy English ivy, passion vine. From 2½-in., \$2.50 per 100; German ivy, Impatiens, *Hoitsi* and *Sultana*; *cupheas*, *Snagdragons*, *Clematis* paniculata, *Abutilon* Savitzi; *Veronice*, *Salvia*, *Bonfire* and *Impatiens*, *radicans*, *cosmos*, C. Elsie, 11th and Westmoreland Sts., Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. *Verbenas*, plug, 3-in., \$2.50 per 100; *fuchsias*, *Asparagus Sprenger*, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Schmidt, Bristol, Pa.

Bedding plants. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Seasonable stock. For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr. & Sons Co., White Marsh, Md.

## BEGONIAS.

*Begonias* for May and June delivery. All leaf cuttings, very best stock only. *Begonia* Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. *Begonia* Agatha, \$12 per 100. *Begonia* La Patrie (m) \$8 per doz. Julius Roehrs Co., Rutherford, N. J.

*Begonia* Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Vaughan's Seed Store, Chicago and New York.

*Begonias*, 2½-in. *Gracilis* *luminosa*. Vernon, Erfordia Superba and *Primadonna*, \$2 per 100. Storrs & Harrison Co., Painesville, O.

*Begonias*. For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

*Begonia* Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

*BEGONIA* VERNON, 2-in. \$2 per 100; \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

*Begonias* in bloom, 2½-in., 3c; 3-in., 6c. Mosbæk Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Box trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, *begonias*, single flowering, 40c per doz; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz; \$4 per 100; \$35 per 1,000; *Gloxinias*, separate colors, 75c per doz; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Lawson Co., Faneuil Hall Sq., Boston, Mass.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus. Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

*Canna* King Humbert, 3-in., \$5 per 100; from seed, \$4. *Crimson Beder*, Penn., Berat, Fla., Engadale, F. Vaughan, 3-in., \$5.50 per 100; from seed, \$2.50. Reeser Plant Co., Springfield, O.

*Cannas*, Queen Charlotte, Allemanina, Henderson, F. Vaughan, Kate Grey, Victory, Wallace, \$5 per 100. King Humbert, \$8 per 100. Cash please. Harry Heintz, West Toledo, O.

*CANNAS*, 4-in., strong plants. Henderson, Wyoming, Engadale, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

*Cannas*, Engadale, Marlborough, \$1.50. David Harum, \$2 per 100. J. H. Dann, Westfield, N. Y.

## CARNATIONS.

Carnations, strong, well branched fine plants. APPLE BLOSSOM (Grown and endorsed by Patten & Co., carnation specialists, Tewksbury, Mass.) PINK DELIGHT, DOROTHY (GOLDON). Wanoka Greenhouses, Barneteld, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations, from 2-in. pots, White Wonder, Gloriosa, \$12 per 100; \$100 per 1,000. Scarlet Glow, \$6 per 100; \$50 per 1,000. P. Donner & Sons Co., La Fayette, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnation Bright Spot, \$12 per 100; \$100 per 1,000. Nic. Zweifel, North Milwaukee, Wis.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSANTHEMUMS.

### CHRYSANTHEMUMS.

Out of soil and sand, strong rooted cuttings, \$2 per 100.

|               |                |               |
|---------------|----------------|---------------|
| White.        | Yellow.        | Pink.         |
| Oct. Frost    | Monrovia       | Dr. Enguehard |
| Early Snow    | Golden Glow    | J. Rosette    |
| C. Touse      | Robt. Halliday | P. Ivory      |
| W. Bonaffon   | Y. Bonaffon    | Gloria        |
| Estelle       | Golden Beauty  | Monogram      |
| Snow Queen    | Nebraska       | Red.          |
| Mrs. C. Frick | Pink.          | Intensity     |
| Linwood Hall  | Rosiere        | Blackhawk     |
|               | Pacific        |               |

### POMPONS.

|         |         |               |
|---------|---------|---------------|
| Quinola | Emile   | Baby          |
| Lulu    | Preoria | Baby Margaret |
|         | Diana   |               |

WETTER BROTHERS, Chicago.  
162 North Wabash Ave.,

### CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE—Estelle, Touse, A. Byron, Ivory, Desjouis. PINK—Amoria, Pacific, M. Dean, Rosette. P. Ivory. YELLOW—G. Glow, Monrovia, Bonaffon, Crema, Halliday, Golden Eagle, Y. Jones—\$2.00 per 100; \$15.00 per 1,000. Pacific Supreme, Edmond Albe, Baby Margaret, Mrs. Hurley, Yellow Baby, \$2.50 per 100; \$20.00 per 1,000.

Cash or C. O. D.

WM. SWAYNE, KENNETT SQUARE, PA.

Chrysanthemums, R. C. Estelle, V. Poehlmann, A. Byron, T. Eaton, Monrovia, yellow Bonaffon, Mrs. Mary Mann, W. Ivory, Mrs. J. Ben pompon, \$2 per 100 out of soil; \$1.50 per 100 out of sand. Write for price on large lots. Cash with order. The Northwestern Floral Co., Gross Point, Ill.

Halliday, Appleton, Golden Arc and Polly Rose, from 2 1/2-in. pots, No. 1 stock at 3c; \$25 per 1,000; \$250 at 1,000 rate. Joy Floral Co., Nashville, Tenn.

Chrysanthemum plants, V. Poehlmann, Golden Glow, Estelle, Dr. Enguehard, Alice Byron, \$3 per 100; \$25 per 1,000. Chicago Carnation Co., A. T. Fryer, Mgr., 30 E. Randolph St., Chicago.

Chrysanthemums from 2-in. pots, Elise Papworth, 5c. Pres. Tott, 4c. W. H. Chadwick, 3 1/2c. Oct. Frost, Golden Glow, Major Bonaffon, 3c. J. L. Schiller, Toledo, O.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Pacific Supreme, R. C., \$2 per 100; \$15 per 1,000; 2 1/2-in., \$3 per 100; \$20 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, standard vars., \$2.50 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, Stellata, dwarf hybrid grandiflora, 2 1/2-in., \$2.50 to \$100; 3-in., 4c. Mosbæk Greenhouse Co., Onarga, Ill.

## CLEMATIS.

Clematis, large flowering, 2-yr., \$3 per doz. Paniculata, 4-in., \$10 per 100; 2 1/2-in., 3c. Elsie, 11th and Westmoreland Sts., Philadelphia.

Clematis paniculata, 2 1/2-in., \$2.50 per 100. Roeser Plant Co., Springfield, O.

Clematis paniculata, \$10 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COBEAS.

Cobea Scandens, 3-in., 4c; 4-in., 10c; GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus, G. Bedder, Verschaffel and mixed standards, \$1.25 per 100; R. C., \$5 per 1,000; leaved cuttings, \$1 per 100. A. M. Herr, Lancaster, Pa.

Coleus, Golden Bedder, Verschaffel, and others, stocky plants, 3c each. Cash with order. Gus Schiegl, Olney, Ill.

Coleus, standard varieties, 2 1/2-in., \$2 per 100; 3-in., 4c. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, 10 good vars., 2-in., 2c. J. L. Schiller, Toledo, O.

Coleus, 2 1/2-in., \$3 per 100. Cash please. Harry Heintz, West Toledo, O.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## CROTONS.

Crotone, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

Cyclamens. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedman Bulb Co., Santa Cruz, Calif.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 6-in., \$25 per 100. Skidley & Irwin Co., 215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Seranton Florist Supply Co., Seranton, Pa.

## DHALIAS.

DAHLIAS, CLEARING SALE. LAST CALL. 25—Rosenhagen, salmon-rose with bright markings on the rays, 30—Rosine, glowing crimson with purple shading, 106—Elegance, Tyrian rose tipped white, 123—Maid of Kent, cherry-red, tipped white, sometimes all red, 124—Mrs. Langley, cream, peach and purple, 136—Thos. Lisbon, pink shading white at center, 140—Wm. Favett, free flowering and long stem cream and apple blossom, 144—Burlach, rich carnine, tipped white, 147—Bird of Passage, white tipped crimson, 212—Jamaica, beautiful deep sky blue, 213—Japan Pink, quilled petals, pink, 268—Nymphs, shell pink, a beauty, 312—Black Beauty, a giant beauty of dark maroon, 314—Bronze Beauty, bright copper color, 408—Little Herman, deep red tipped white, 412—Snowbird, unquestionably profuse white, 452—Talma, bright crimson with shading of white.

All good seed field-grown clumps as long as they last, \$5 per 100. H. W. Koerner, Sta. B., Milwaukee, Wis.

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J., P. O. Berlin, N. J.

## DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, Shasta, divided pots, \$3 per 100. Len Palmes Greenhouses, Palo Alto, Calif.

Daisies, in bloom, \$10 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## DRACENAS.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracenas. For prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 739 Buchanan Place, Chicago, Ill.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz., 3-in., \$2 per doz; 4-in., \$3 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 2-in., 2c; 2 1/2-in., 2 1/2c; 3-in., 3c. J. H. Dunn & Son, Westfield, N. Y.

Dracena indivisa, 2 1/2-in., 3c. Mosbæk Greenhouse Co., Onarga, Ill.

Dracena, 5-in., \$20 per 100. Cash please. Harry Heintz, West Toledo, O.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

## FERNS.

Adiantum Farleyense, 1 1/2-in., \$10 per 100; 2 1/2-in., \$15. J. A. Peterson, Westwood, Cincinnati, O.

Ferns, Boston, 2 1/2-in., \$4 per 100; 3-in., \$7. Storrs & Harrison Co., Painesville, O.

Ferns, 5,000 handsome little ferns from the bench, well rooted, \$2 per 100. Cash with order. E. F. Rose, Taunton, Mass.

Ferns, Boston, 4-in., \$12 per 100. Wagner Park Conservatories, Sidney, O.

Ferns, Boston, 2 1/2-in., 4c; 3-in., 5c; 4-in., \$1; 10-in., \$1.25; 12-in., \$1.50 each. Mosbæk Greenhouse Co., Onarga, Ill.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$3 per 100; \$30 per 1,000; 500 at 1,000 rate; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ferns, leading vars. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns, for varieties and prices see advertisement elsewhere in this issue. The Reeser Plant Co., Springfield, O.

Ferns, Boston. For prices and sizes see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechlein, 4911 Quincy St., Chicago.

Neph. Glattusli, 2 1/2-in., \$2 per doz.; \$12 per 100; 100 per 1,000. Geo. Glattusli, 463 Summit Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Bobbink & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew, double white, 2 1/2-in., 2 1/2c. Mosbæk Greenhouse Co., Onarga, Ill.

## GERANIUMS.

Geraniums, best standard sorts, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$18.50 per 1,000; 500 at 1,000 rate. Duke of Edinburgh, L. Elegance, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100. Apple, rose, nutmeg, lemon, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent Jr. & Sons Co., White Marsh, Md.

### STOCK PLANTS.

Nutt, Grant, Potevine, Buchner, A. No. 1 stock to bed out for cuttings, one-year-old, \$4 per 100; \$35 per 1,000; 250 at 1,000 rate. Cash with order. W. W. Buckley Co., Springfield, Ill.

Geraniums, 12,000 in full bloom, all leading varieties, principally Nutt, 4 and 4 1/2-in., \$7 and \$8 per 100. Cash please. P. Rieth & Co., Downers Grove, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vlaud, Castellane, Potevine, Japlin, Ricard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, nice stocky plants, bud and bloom, S. A. Nutt, Ricard, Benute Potevine, Buchner, 4-in., \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schiegl, Olney, Ill.

Geraniums, our selection, 4-in., \$7 per 100; 3-in., \$4 per 100; 2-in., \$3 per 100; \$35.50 per 1,000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, Ohio.

Geraniums, standard varieties, 2 1/2-in., \$3 per 100; \$25 per 1,000. Rose, 3-in., 3c; Mosbæk Greenhouse Co., Onarga, Ill.

Geranium Mme. Salleron, 3-in., extra fine stock at \$3 per 100. Cash. Plattville Floral Co., Plattville, Wis.

Geraniums, R. C. Nutt, Ricard, Potevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 4-in., \$3 per 100. Frank Felke, Wilmette, Ill.

## GREENS.

Greens, grand and fancy ferns, \$1 per 1,000. Onix, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel, wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 6c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Out Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsonas & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

## HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Garden phlox, Lychals Hagena, Pyrethrum, Gaillardia, geraniums and Sweet William, \$5 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Gnaphalium, 2 1/2-in., \$2.50 per 100; 3-in., \$5 per 100. Cash please. Harry Heintz, West Toledo, O.

Hardy perennials. Wm. Tricker, Arlington, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Iris. German, blue divided roots. \$3 per 100. Las Palmas Greenhouses, Palo Alto, Calif.  
Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.  
Water lilies. Wm. Tricker, Arlington, N. J.

### HELIOTROPES.

Heliotropes. 3-in. \$4 per 100. Cash, please. Horns, Royal, West Toledo, O.  
Heliotropes. 2-in. \$2 per 100. Geo. M. Emmons, Newton, N. J.

### HYDRANGEAS.

Hydrangeas. 6, 7 and 8-in. 75c, \$1, \$1.25 and \$1.50 each; 12-in. tubs, \$3 each; 14-in. tubs, \$3 each; 16-in., \$1.18-in., \$5; extra large specimen in half barrels, \$10. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Hydrangea Avalanche. 2½-in. pots. 50c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

### JUMPING BEANS.

Mexican Jumping Beans. Live beans that continues to jump for weeks; the greatest wonder for show window and counter trade, 50c per 100; \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

### LILACS.

Lilacs. Jacs Smits, Lt., Naarden, Holland.

### LILY OF THE VALLEY.

#### To Import.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

#### From Storage.

Lily of the valley, cold storage pipe, case of 1,000, \$13; case of 3,000, \$36. J. M. Thorburn & Co., 35 Barclay St., New York.

Lily of the valley. H. N. Bruns, 3038-42 W. Madison St., Chicago.

### MOONVINES.

Moonvines. 2½-in. \$3 per 100; 5-in. 4 ft. top, \$2 per doz. Storrs & Harrison Co., Painesville, O.

Moonvines. 2½-in. \$5 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

### MUSHROOM SPAWN.

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spaw Co., Lockport, N. Y.

Mushroom Spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

### NURSERY STOCK.

Japanese maples. Polymorphum atropurpureum, P. atropurpureum dissectum, Japonica aureum, S. Hydrangeoides, the climbing hydrangea, Clematis Montana grandiflora. For prices see advertisement elsewhere in this issue. Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Agave, var. 1 to 1½ ft., \$30 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

Nursery stock, large trees, oaks, maples, pines and cypresses. Andorra Nurseries, Chestnut Hill, Philadelphia.

Loquat, seedlings, 2 to 3 ft., \$3 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

### ORCHIDS.

Orchids, importers, exporters, growers and hybridists. Sander, St. Albans, England; New York office, room 721, 258 Broadway.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

### PANDANUS.

PANDANUS UTILIS. 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

Pandanus Veltchii, 60c, 75c, \$1, \$1.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

### PANSIES.

PANSIES, giant, transplanted, field-grown, in bud and bloom, in good assortment of the finest strains at \$1 per 100; \$9 per 1,000. Special price on 5,000 lots and over. E. Rawlings, Wholesale Grower, Olean, N. Y.

### PALMS.

Palms. Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latex, 3-in. \$8 per 100; \$80 per 1,000. GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

Phenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. Kentia Nurseries, Santa Barbara, Calif.

Palms. For prices and varieties see advertisement elsewhere in this issue. Storrs & Harrison Co., Painesville, O.

Phoenix Can. seed, postpaid, \$3 per 1,000. Las Palmas Greenhouses, Palo Alto, Calif.

### PEONIES.

Peonies, all vars., Jacs Smits, Naarden, Holland.

### PHLOX.

Phlox. Miss Lingard, 75c per doz.; \$6 per 100; clumps, \$2 and \$3 per doz.; \$15 and \$20 per 100. Wm. Tricker, Arlington, N. J.

Phlox. 15 vars., R. C. \$1.25 per doz. by mail, \$10 per 1,000 by express. A. M. Herr, Lancaster, Pa.

### POINSETTIAS.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidley & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, \$6 per 100. The Leedham Bulb Co., Santa Cruz, Calif.

### PRIVET.

CALIFORNIA PRIVET. 18 to 24 inches, \$10 per 1,000. AMOOR RIVER. 18 to 24 inches, \$16 per 1,000. All 2-year, well branched, to storage for immediate shipment, F. O. B. cash with order. Have about 10,000 each kind. Order quick. Valdesian Nurseries, Bostic, N. C.

### RHODODENDRONS.

RHODODENDRONS for Decoration Day forcing. \$1 each. GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

### ROSES.

|                         | Per 100. | Per 1,000. |
|-------------------------|----------|------------|
| Bride, 2½-inch          | \$3.00   | \$25.00    |
| Bridesmaids, 2½-inch    | 3.00     | 25.00      |
| Uncle John, 2½-inch     | 3.00     | 25.00      |
| Mrs. Jardine, 2½-inch   | 3.00     | 25.00      |
| Richmond, 2½-inch       | 3.00     | 25.00      |
| Pink Killarney, 2½-inch | 5.00     | 40.00      |

#### WETTOR BROTHERS,

162 North Wabash Ave. Chicago.

#### ROSE PLANTS FROM 3-IN. POTS.

|                               | Per 100. | Per 1,000. |
|-------------------------------|----------|------------|
| Pink Killarney                | \$4.00   | \$35.00    |
| White Killarney               | 6.00     | 50.00      |
| American Beauty, bench plants | 6.00     | 50.00      |

#### GEO. REINBERG,

162 N. Wabash Ave. Chicago.

Roses, strong clean stock, own roots, Brides and Bridesmaids, \$7 per 100. Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. P. R. Quinlan, Syracuse, N. Y.

Roses, 2½-in., Pink Killarney, \$3 per 100; \$55 per 1,000. Richmond, \$5 per 100; \$45 per 1,000. Perle, \$5.50 per 100; \$55 per 1,000. Richmond, 3½-in., \$8 per 100; \$85 per 1,000. Bench Pink Killarney, \$20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000; 2½-in., \$5 per 100; \$45 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses. For prices and varieties see advertisement elsewhere in this issue. The Phoenix Nursery Co., Bloomington, Ill.

Roses. Killarney and White Killarney, 2½-in., \$6 per 100. Castle Grove Greenhouses, Danville, Pa.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; \$4 per doz. GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

American Beauty, strong 2-inch plants, thrifty and healthy, \$50 per 1,000. Shelman Nursery Co., Charles City, Iowa.

Roses. Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses. Leeds Floral Co., Springfield, O.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses, Kaiserin, Rheia Red, Killarney, Bon Silene and Safrano. W. H. Elliott, Brighton, Mass.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

### SALVIAS.

Salvias, 4 different varieties, 2 and 2½-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. P. Rieth & Co., Downer's Grove, Ill.

Salvia Zurich, 2-in., 2c; 3-in., 3¼c. Bavaria, White Zurich, 2-in., 2¼c. Jewell, introduction 1911, 2-in., \$1 per doz.; J. L. Schiller, Toledo, O.

Salvia splendens, 2-in., \$2.50 per 100; 3-in., \$4. Reeser Plant Co., Springfield, O.

Salvia Zurich and L. Fauntleroy, 3-in., \$4 per 100. Cash please, Harry Hehl, West Toledo, O.

Salvias, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvias, 4-in., \$8 per 100. THE GEO. WITT-BOLD CO., Edgebrook, Chicago, Ill.

Salvia Splendens, 2½-in., 2c. Mosbak Greenhouse Co., Onarga, Ill.

Salvia Splendens and Zurich, 2½-in., \$2.50 per 100. Storrs & Harrison Co., Painesville, O.

Salvias, 2,000 healthy plants, 4-in., \$8 per 100. Frank Felke, Wilmette, Ill.

### SEEDS.

Seeds, Pheonix canariensis, \$1.50 per 1,000. Pheonix recinata, \$2.25 per 1,000. Pheonix sylvestris, \$3 per 1,000. Washington Bifera, \$1 per 1,000; \$4 per 5,000. Chamomops excelsa, 75c per 1,000. Erythra amata, 100 seeds, \$1; 85 per 1,000. Asparagus plumosus nanus, 1,000 seeds, \$2.50; 2,000 seeds, \$1.75; 5,000 seeds, \$1.15; 10,000 seeds, \$20. Strawberry guava, 35c per oz.; \$3 per lb. Frank M. Warner, 1100 So. Flower St., Los Angeles, Calif.

Seeds, Asparagus Imperial palmetto and rhubarb roots. Peach pits, cracking, with fine little green trees. Warren Shinn, Woodbury, N. Y.

Seeds, onions, peppers, early tomato, cauliflower, beans, 97 vars., melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seeds, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Calif.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, Roemer's Suprbr Prbe pansies. Fred. Roemer, Quodlinberg, Germany.

Seed, Asparagus plumosus nanus, \$2.25 per 1,000. Drake Point Greenhouses, Yalaha, Fla.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Den mark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

#### Contract Growers.

Seeds, cauliflower and cabbage. Hjalmar Hartmann & Co., Copenhagen, Denmark.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodier & Sons Co., Los Angeles, Calif.

Seeds, growers of peas, beans, sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohrbert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, field, garden and flower. Routzbach Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fly Seed Co., Carpinteria, Calif.

Seeds, Growers for the wholesale trade only. Brasilian Seed Growers' Co., San Jose, Calif.



**SMILAX.**

SMILAX, 10,000 fine strong 2½-in. plants, \$2 per 100; \$17.50 per 1,000. Immediate shipment. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Smilax, \$1.50 per 100; \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax. Wood Bros., Fishkill, N. Y.

**SNAPDRAGONS.**

Snapdragons, pure pink, best seller of all snapdragons, 2½-in., \$2 per 100; \$18 per 1,000; 500 at 1,000 rate. Cash. Clement S. Lewis, Alden, Del. Co., Pa.

Snapdragons, 2½-in., white, pink, yellow and red, \$3 per 100. Cash please. Harry Heintz, West Toledo, O.

**STEVIA.**

Stevia, \$1 per 100; \$8 per 1,000. Express paid. C. Humfield, Clay Center, Kans.

**SPIREAS.**

Spirea. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Reehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Oids, Union City, Pa.

**VEGETABLE PLANTS.**

**VEGETABLE PLANTS.** Cabbage: Chas. Wakefield, Succession and Danish Ball Head, \$1 per 100; \$7.50 per 1,000. Lettuce: Grand Rapids and Big Boston, \$1 per 1,000; \$7.50 per 10,000. Cauliflower: Henderson's Early Snowball, equal to transplanted, \$2.50 per 1,000. Tomatoes: Transplanted, \$3 per 1,000. Our plants are in excellent shape and well hardened in cold frames. Careful packing, prompt shipment. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Vegetable plants: Cabbage, Wakefield. All Head, Succession, etc., \$1 per 1,000; 10,000 and over, 85c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 85c per 1,000. Beets, Crosby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Cabbage plants; lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

200,000 Yellow Jersey and Red Bermuda sweet potatoes, 100,000 Early and late tomatoes, \$2 per 1,000. 100,000 early and late cabbage, \$1.50 per 1,000. Cash. Mrs. Edw. Hayden, Greenview, Ill.

**VERBENAS.**

Verbenas, 4 colors or mixed, 2-in., 2c. J. L. Schiller, Toledo, O.

Verbenas, seedlings, 2½-in., \$2.50 per 300. Cash please. Harry Heintz, West Toledo, O.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid by express, \$3 per 100. Chas. Frost, Kendallville, N. J.

Vinca variegata, 2-in., 2c; rooted cuttings, \$1 per 100; \$8 per 1,000. Russell Bros., Route 4, Syracuse, N. Y.

Vinca Var., strong, 5-in., 15c. Cash, please. Harry Heintz, West Toledo, O.

Vinca variegata, 2-in., \$2 per 100. Reeser Plant Co., Springfield, O.

**VIOLETS.****VIOLET CUTTINGS.**

FANCY PRINCESS OF WALES.  
\$12 per 1,000.

KENNICOTT BROS. COMPANY,  
163-165 N. Wabash Ave.,  
CHICAGO.

Violets, California and Princess of Wales, \$7.50 per 1,000. Las Palmas Greenhouses, Palo Alto, Calif.

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 20th St., New York.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wlks's self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

Boiler dues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungicide, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kild Tobacco Powder, \$3 per bag 100 lbs. The H. A. Soothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphis Plan, \$6.50 per case of 12 paraffined boxes.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly! Peerless glass points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Steuert's zinc glazing points, 40c per lb.; 5 sizes, \$1.35; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Stebert's zinc never-rust glazing points, 2 sizes, ¼ and ½ 40c per lb.; 15c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Betty Sts., Pittsburgh, Pa.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

**GUTTERS.**

Gutters. Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**MISCELLANEOUS.**

Galvanized wire stakes, 4 ft., \$1 per 100; \$9 per 1,000; 5 ft., \$1.25 per 100; \$11 per 1,000. Japanese cane stakes, 4 ft., 75c per 100; \$6 per 1,000. A Henderson & Co., 162 N. Wabash Ave., Chicago.

Coal, Sunshine, Indiana Brazil Block, Pocahontas, W. Va. Salent, Youghiogheny, Southern Illinois. R. C. Whitsett Coal and Mining Co., 537 S. Dearborn St., Chicago.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoo, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1224 Pine St., St. Louis, Mo.

Coal, Black Gem Block, Illinois, Indiana lump, Hocking lump, Smokeless coals, Black Gem Coal & Coke Co., Old Colony Bldg., Chicago.

Florist Coal, New River, Pocahontas and W. Virginia. Finger Coal Co., Old Colony Bldg., Chicago.

Model extension carnation support; galvanized rose stakes. Igloe Bros., 206 N. 9th St., Brooklyn, N. Y.

Gummed gold, silver and purple letters. J. Lichtenberger, 1504 Ave. A New York.

Photographs of horticultural subjects. Nathan B. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Boigiano & Son, Baltimore, Md.

Mastic for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Peerless Sulphur Blower, \$1. McMoran & Co., 162 N. Clinton St., Chicago.

Boiler flues, all sizes. H. Munson, 506 N. State St., Chicago.

Florists' Supplies of all kinds. J. Janaky, 19 Province St., Boston.

Cut flower and design boxes, all sizes. C. C. Polivorth Co., Milwaukee, Wis.

Superior Carnation Staple, 1,000 for 50c. L. J. Waite, 233 Main St., Springfield, Mass.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Chiffons, any color, 4-in. wide, 3c per yard; 6-in., 4c; 10-in., 6c. Geo. H. Angermueller, 1224 Pine St., St. Louis, Mo.

New imported florists' baskets. The Radelin Basket Co., 713 Milwaukee Ave., Chicago.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Seed packets. The Brown Bag Filling Machine Co., Fitchburg, Mass.

**POTS, PANS, ETC.**

The Red Pot, C. C. Polivorth Co. All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Pots of all kinds. L. Hrudka Pottery Co., 2919 Herndon St., Chicago.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

**RAFFIA.**

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

**STAKES.**

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

## Circulation in Buyers' Brains

Is the kind enjoyed by the American Florist. Its actual paid circulation we believe, is the largest in its class. The contents are of real present value and are preserved for future reference. Advertisers who realize this establish permanent business with the best trade in the United States and Canada.

# Florists' Coal!!

New River, Pocahontas  
and W. Virginia Coals.

Write or Phone for Immediate  
or Summer Deliveries.

## Pinger Coal Co.

Phone Harrison 6823.

Old Colony Bldg., Chicago.

### June Coal Prices.

| Carterville—                       | Chicago     | Mines.      |
|------------------------------------|-------------|-------------|
| Egg.....                           | \$2.25-2.30 | \$1.15-1.25 |
| Lump.....                          | 2.20-2.30   | 1.15-1.25   |
| No. 1 washed.....                  | 2.30        | 1.25        |
| No. 2 washed.....                  | 2.30        | 1.25        |
| Franklin County—                   |             |             |
| Egg, lump and nut.....             | \$2.30-2.45 | \$1.25-1.40 |
| Screenings.....                    | 1.90-2.00   | .85- .95    |
| Harrisburg—                        |             |             |
| Dom. lump, egg and nut.....        | \$2.25-2.35 | \$1.25-1.35 |
| Screenings.....                    | 1.85-1.90   | .85- .90    |
| Pocahontas and New River—          |             |             |
| Egg and lump.....                  | \$3.55      | \$1.50      |
| Miner-run.....                     | 3.15        | 1.10        |
| Smokeless (B. & O. and Tug River)— |             |             |
| Egg and lump.....                  | \$3.45      | \$1.40      |
| Miner-run.....                     | 3.05        | 1.00        |
| Springfield—                       |             |             |
| Domestic lump.....                 | \$1.95-2.05 | \$1.15-1.25 |
| Stream lump.....                   | 1.80-1.90   | 1.00-1.10   |
| Miner-run.....                     | 1.70-1.80   | .90-1.00    |
| Youghiogheny—(on contract)—        |             |             |
| ¾-inch steam.....                  | \$3.10      | \$1.20      |

### Notes of the Chicago Coal Trade.

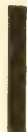
With the full realization of the importance of a good grade of steam coal in the successful management of a greenhouse business many growers are giving this matter timely attention and are making inquiries as to the quality of the several grades of coal and the contract prices for immediate and fall deliveries. From all indications some have taken advantage of the present dull coal market and have already placed their orders with the dealers. The Pinger Coal Co., Harrisburg-Franklin Coal Co., Black Gem Coal and Coke Co., and the R. C. Whitsett Coal & Mining Co., are quoting very reasonable prices on steam coals of all grades for both immediate and summer deliveries. Those greenhouse men who prefer Indiana Brazil Block for heating purposes, will find it to their advantage to have their orders booked in June, for block coal will advance fifteen cents per ton July 1—which would make an average of about \$6.00 more per car than the June price. Other grades of steam coal are at their minimum summer prices and will remain so until September 1.

M. A. Rolfe, manager of the Black Gem Coal & Coke Co., states that the greenhouse men have taken advantage of the low prices of the high grade Black Gem block coal of which his company is sole distributor, by sending in orders for this coal last month for June deliveries. This coal is of a very fine grade, being absolutely smokeless, and free from clinkers, and as a special inducement he is offering it at greatly reduced prices for summer deliveries.

R. C. Whitsett, president of the Whitsett Coal & Mining Co., who had a very successful season last year with the greenhouse trade, looks particularly pleased when this trade is mentioned. He expects 1911 to be his banner year with the florists and gardeners for he is offering some very fine grades of coal at greatly reduced sum-



Here is a striking comparison between the size of a wood post and our wrought iron.



And here you see the angle purlin used in our iron frame house in comparison with the old fashioned wood purlin.



## The Good Sense of It

When you buy a greenhouse, constantly keep in mind that strength and durability do not always go together. Take, for instance, a 5-inch wooden post. It is plenty strong to start with, but it doesn't stay strong; while our Guaranteed Wrought Iron Post is less than a third the size, and keeps on being just as strong for years and years. In fact, it has stood an actual test of a quarter century. Wood posts actually cost more, because you have to use twice as many and dig twice the holes. And think of the difference in shade. By the same good sense compare the wood and angle purlin.

The matter simmers down to two things: Our Pipe-Frame house is actually the cheapest house you can afford to buy, and our Sectional Iron Frame is the best investment. Both are constructed on the lines of greatest endurance and greatest lightness—for the money.

Keep in touch with us.

## Lord & Burnham Company

Factories: Irvington, N. Y.; Des Plaines, Ill.

New York  
St. James Building.

Boston  
Tremont Balking.

Philadelphia  
Heed Building.

Chicago.  
The Rookery

## Black Gem Coal & Coke Co.

OLD COLONY BUILDING, CHICAGO.

Save Money **Black Gem Block**  
Order Now

Illinois, Indiana Lump, Hocking Lump,  
Smokeless Coals.

Write us—Tell us your needs—We will quote bargain price for immediate or summer delivery. Long Distance Phones Harrison 962--1163.

R. C. Whitsett Coal and Mining Co. 537 South Dearborn St., CHICAGO.

We Mine and Ship the Following High Grade Coal:

SUNSHINE  
INDIANA BRAZIL BLOCK  
POCAHONTAS

## COAL FOR

WEST VA. SALENT  
YOUGHIOGBENY  
SOUTHERN ILLINOIS

Write us for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.

IMMEDIATE OR SUMMER DELIVERIES.

mer prices for June deliveries or on contracts.

President Pinger of the Pinger Coal Co. at the Old Colony building, has catered to the greenhouse trade for many years, and reports that he has renewed many of his greenhouse contracts for this year, and is out for more. He would be pleased to answer all coal inquiries and quote prices for deliveries during 1911.

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO., 131 East 26th St. NEW YORK.

Mention the American Florist when writing





## ADVANCE MACHINES

Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2-inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**

542 N. 14th St.,  
RICHMOND, IND.

## Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University.

Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250-page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.

# Raffia

## For Florists' Use

We are positively headquarters for two best grades,  
1 bale or 10 bales.  
Write today for prices.

**VAUGHAN'S SEED STORE**  
New York Chicago.

## Galvanized Wire Stakes

|             |        |        |
|-------------|--------|--------|
| 4 feet..... | 100    | 1000   |
|             | \$1.00 | \$9.00 |
| 5 feet..... | 1.25   | 11.00  |

Write for price on larger quantities and other sizes.

## Japanese Cane Stakes

6 feet.....\$0.75 \$6.00

**A. HENDERSON & CO.**

162 N. Wabash Ave., CHICAGO.

**Holds Glass Firmly**  
See the Point

**PEERLESS**  
Glazing Points are the best.  
No rights or lefts. Box of 1,000 points 75 cts. postpaid.

**HENRY A. BREER,**  
714 Chestnut St., Philadelphia.

## Greenhouse Construction.

By Prof. L. R. Taft. Price \$1.50  
**A. MERICAN FLORIST CO.**  
440 Dearborn St., CHICAGO

# Everything for the Greenhouse

**Woodwork, Glass, Pipe,  
Boilers, Fittings, Hose,  
Ventilating Machinery**

PRICES ALWAYS RIGHT.

**JOHN C. MONINGER GO.,** —902—  
Blackhawk St., Chicago

# GLASS

We Manufacture the best Glass made for greenhouse purposes. If your dealer does not have our brand, write us. All our goods are "Hand Made."

**W. R. Jones & Company**

502 Union Nat. Bank Bldg., COLUMBUS, O.

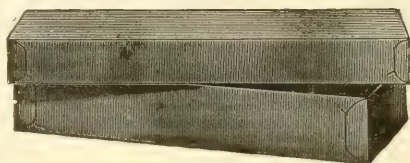
# CYPRESS

Is a wood that has come into very general use in

**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA



## CUT FLOWER AND Design Boxes

All sizes, lowest prices, write.

**C. C. Pollworth Co.,**  
MILWAUKEE.

**SIEBERT'S ZINC**  
Never Rust  
**GLAZING POINTS**

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes 3/4 and 1/2. 40c per lb. by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

**RAND OLPH & McCLEMENTS, Successors to**  
Chas. T. Siebert, Baum & Beatty Sns., Pittsburg.

**Siebert's Zinc**  
Glazing Points.  
Good for small or large glass, do not rust, easy to drive 3/4 and 1/2 inch Per lb. 40c. 5 lbs. \$1.85. 20-lbs. \$7.00

**VAUGHAN'S, SEED STORE,**  
Chicago New York

## Peerless Sulphur Blower

"A great improvement over the bellows."

Price, \$4.00 F. O. B. Chicago.

**McMORRAN & CO.,**

162-166 N. Clinton St., CHICAGO  
Mention the American Florist when writing

## Flower Colors

Use our COLOR CHART in describing them.

PRICE, \$1.00 POSTPAID.

**American Florist Co.,**

440 S. Dearborn St., CHICAGO

## Tobacco Paper

IS THE  
STRONGEST  
BEST PACKED  
EASIEST APPLIED

|                  |         |
|------------------|---------|
| 24 sheets.....   | \$ 0.75 |
| 14 sheets.....   | 3.50    |
| 288 sheets.....  | 8.50    |
| 1728 sheets..... | 35.10   |

# "Nico-Fume" LIQUID

OVER 40% NICOTINE

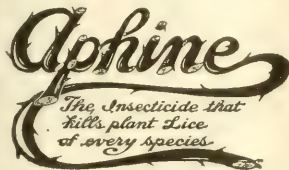
By far the  
CHEAPEST

JUST NOTE PRICES

|                |         |
|----------------|---------|
| Pint.....      | \$ 1.50 |
| ½ Gallon.....  | 5.50    |
| Gallon.....    | 10.50   |
| 5 Gallons..... | 7.25    |

Furnishes the  
Most Nicotine for the Money!

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.



Government Entomologists Office,  
Entebbe, UGANDA, (Central Africa)  
18th April, 1911.

Aphine Manufacturing Co.,  
Madison, N. J., U. S. A.

Gentlemen:—I have to thank you for the Aphine received a few weeks ago. I have tried this insecticide on a new species of Coccid, *Stictococcus dimorphus* Newst., which attacks cacao with very favorable results. This pest is a very difficult insect to keep under control.

Yours faithfully, W. GOWDEY,  
Government Entomologist.  
\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

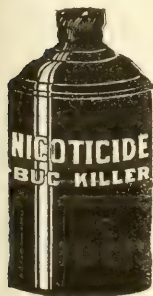
An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material.

It has no equal for destroying mildew on roses and carnation rust.

\$2.00 per gallon; 75c per quart.

Send for name of nearest selling agent. Aphine and Fungine can be used in house or field.

Manufactured by  
Aphine Manufacturing Company  
MADISON N. J.



THE BEST  
Bug Killer and  
Bloom Saver

For PROOF  
Write to

P. R. PALETHORPE  
COMPANY,  
Owensboro, Ky.

Green Flies and  
Black ones too

Are easy to kill with  
The Fumigating Kind Tobacco Powder

\$3.00 per bag 100 lbs.  
Satisfaction guaranteed or money back;  
why try cheap substitutes that makers do  
not dare to guarantee?

W. E. A. SPOFFORD CO., MOUNT VERNON, N. Y.

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

Sold through Seedsmen and Dealers in Florists' and Poultry Supplies.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass. The pump is of brass throughout, simple and powerful. The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous milk-like spray for 15 minutes.

All parts are made to gauge and may be had for repairs.

Ask your Dealer about our Extension Hose, Extension Rods, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

J. G. MASTIN CO.

3124 W. LAKE STREET, CHICAGO, ILL.

Mention the American Florist when writing

## Nikoteen

for spraying plants and blooms.

## Nikoteen

refined; it is clean and easy to apply.

## Nikoteen

does the work when vaporized either in pans on pipes or over a flame. Full Pint Bottles, \$1.50.

The most effective and economical material there is for spraying plants and blooms.

Is skillfully extracted from leaf to tobacco and carefully refined; it is clean and easy to apply.

does the work when vaporized either in pans on pipes or over a flame. Full Pint Bottles, \$1.50.

## Nikoteen Aphis Punk

Specially prepared for fumigating closed houses. It vaporizes the Nicotine evenly and without waste. Nothing keeps a house free from Aphis so cheaply.

Price \$8.50 per case of 12 paraffined boxes All Seedsmen.

## Garman's Antipest

INSECTICIDE AND FUNGICIDE  
For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless to vegetation.

Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

PERFECTION CHEMICAL CO.,  
FLUSHING, N. Y.

Approved by the New York State Agricultural Dept. Certificate No. 223, July 8, 1910

Guaranteed under insecticide act, 1910. Serial No. 91 of U. S. Agricultural Dept.

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## Cattle Manure in Bags Shredded or Pulverized

Pure—dry—uniform and reliable! The best of all manures for the greenhouse. Florists all over the country are using it instead of rough manure.

## Pulverized Sheep Manure

Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequalled for all field use. Write for circulars and prices.

The Pulverized Manure Company

32 Union Stock Yards.

Chicago

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**BIG BARGAINS**

in Greenhouse Boilers

- 2 42-in. x 10-ft. Kewanee Fire Box Boilers.....\$175.00  
 6 60-in. x 16-ft. Horizontal Tubular Boilers..... 275.00  
 2 54-in. x 12-ft. Internal Fired Steam Boilers..... 225.00  
 3 54-in. x 12-ft. Internal Fired Hot Water Boilers..... 200.00  
 Several carloads of Cast Iron Greenhouse Fittings, including Valves, etc., at a positive saving of 50%.  
 4-in. Tubes.....8¼c  
 Several carloads of good Tubes, thoroughly rattled and cleaned.  
 All kinds of Pipe, Valves, Fittings, etc.

Write for our List No. 47.

**CHICAGO HOUSE WRECKING CO.**  
 35th and Iron Sts., CHICAGO

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**WILKS'****Hot Water Boilers**

ARE THE MOST ECONOMIC

Boiler for Greenhouses

No Night Fireman Required  
with our**SELF-FEEDING HOT WATER BOILERS.**

Send for Catalog and Prices.

**S. WILKS MFG. CO.,**

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**MASTICA**  
 FOR Greenhouse Glazing  
**USE IT NOW.**  
**F.O. PIERCE CO.**  
 12 W. BROADWAY  
 NEW YORK

**MASTICA** is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass, as occurs with putty. Lasts longer than putty. Easy to apply.

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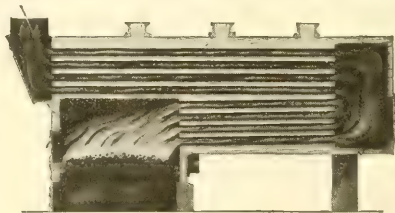
**Kramer's Pot Hangers**For sale by Wholesale Seedsmen, Florists  
and Supply Dealers.Price, \$1.00 per dozen by express. Sample  
dozen by mail, \$1.25.**I. M. KRAMER & SON, Cedar Rapids, Iowa****Garden City Sand Co.**

Chamber of Commerce Bldg., CHICAGO.

Phone: Main 4827.

**Building and Propagating Sands**Fire Brick and Fire Clay, Portland Cement  
Stonckote, Hard Wall Plaster**R. I. W. DAMP RESISTING PAINT****"SUPERIOR"**

To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**

840-850 W. Superior St.,

CHICAGO, ILL.

Mention the American Florist when writing

**To Tell All the Good Points of Our Construction**in this advertisement  
are planning any  
things, it will payis impossible. If you  
rebuilding or add-  
you to write us.TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSESCONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES**Pecky Cypress**

**Pecky Cypress** is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

**Ship Lap, Drop Siding, Sheathing, Flooring,  
 White Cedar Posts, Etc.**

WRITE FOR PRICES.

**ADAM SCHILLO LUMBER CO.**

Hawthorne and Weed Sts.,

**CHICAGO.**

Telephones: Lincoln 410 and 411

**Greenhouse Construction**

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50**

**Greenhouse Management**

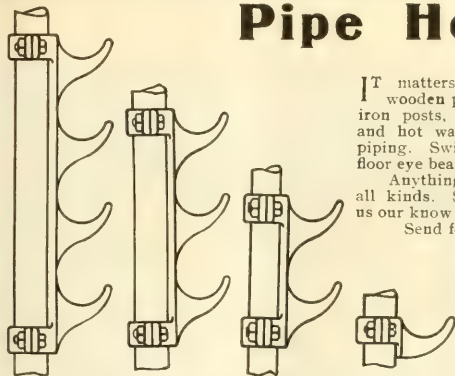
By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

**AMERICAN FLORIST CO.,**

440 S. Dearborn St.

**Chicago**

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Pipe Hooks for Columns

IT matters not whether you want them to attach to wooden posts, to clamp around columns or to fit flat iron posts, we have all kinds in all sizes, for both steam and hot water. Also swing hangers for under bench piping. Swing hangers for suspending mains from the floor eye beams of the work room.

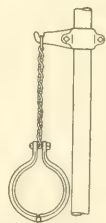
Anything and everything for heating systems of all kinds. Sixty years of heating engineering have given us our know how.

Send for our heating circulars.

### Hitchings & Company,

Write to our General Office  
ELIZABETH, N. J.

Or call at our New York Office  
1170 Broadway.



Swing Hanger for Mains

## A. DIETSCH COMPANY

2642 Sheffield Ave.  
CHICAGO



## Greenhouse Material

### Hot Bed Sash

Do you wish to have a perfect gutter, lasting, not leaking, not sweating? Use our Cedar Gutter.

### Greenhouse Material and Sash

Of Every Description.  
Get Our Prices and Catalogue.

S. Jacobs & Sons, Established 1871,  
1361-1383 Flushing Ave Brooklyn, N. Y.

## Attention!! Glass Buyers!!

### GREENHOUSE GLASS.

You will save money if you obtain our prices before you buy.  
Quality A No. 1. Prompt shipments.

### Hooker's Greenhouse White Paint

The most durable white paint for this purpose  
Half barrels, (25 gallons) per gal., \$1.75. 5 gal. pails, per gal., \$1.60.

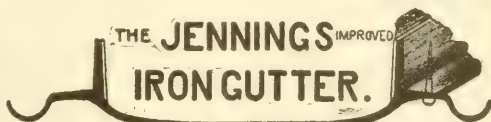
### H. M. HOOKER COMPANY,

WHOLESALE GLASS AND PAINTS.

Long Distance Phone  
Monroe 4994.

651-659 West Washington Boulevard, CHICAGO.  
Near Desplaines Street.

Use our patent  
Iron Bench  
Fittings and  
Roof Supports



### IMPROVED VAPORIZING PANS

For Tobacco Extracts, etc. Send for Circulars.

### DILLER, CASKEY & KEEN,

S. W. Corner Sixth and Berk Streets,

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VENTILATING  
APPARATUS



### EVANS' Improved Challenge Ventilating Apparatus

Write for Illustrated Catalog.  
Quaker City Machine Works,  
Richmond, Ind

### H. BAYERSDORFER & CO.

### Florists' Supplies.

1129 Arch Street, PHILADELPHIA, PA.  
Send for our new catalogue.

### REED & KELLER,

122 W. 25th St., NEW YORK.

### FLORIST'S SUPPLIES.

We Manufacture all Our

Metal Designs, Baskets, Wire Work,  
and Novelties, and are dealers in Glass-  
ware, Pottery, Decorative Greens and  
all Florists' Requisites.

## The Trade Directory

Florists, Seedsmen and Nurserymen  
of the United States and Canada.

Price: \$3.00, postpaid.

### American Florist Co.

440 S. Dearborn St., CHICAGO.



**CYPRESS**  
IS FAR MORE DURABLE THAN PINE.  
**CYPRESS**  
**SASH BARS**  
UP TO 32 FEET OR LONGER.  
**GREENHOUSE**  
AND OTHER BUILDING MATERIAL,  
MEN FURNISHED TO SUPERINTEND  
ERECTION WHEN DESIRED.  
Send for our Circulars.  
The **A.T. Stearns Lumber Co.,**  
NEPONSET, BOSTON, MASS.

Mention the American Florist when writing

## Wired Toothpicks

10,000, \$1.75: 50,000, \$7.50. Manufactured by

**W J. COWEE, Berlin, N. Y.**

Sample free. For sale by dealers.

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## BUCHBINDER BROS.,

518-20 Milwaukee Ave., CHICAGO.

**Florists' Ice Boxes**

Manufacturers and Dealers of

**Store and Office Fixtures.**

Tel. Monroe 5616.

Mention the American Florist when writing

**KRICK'S**  
**R** **Florist Novelties**  
Manufacturers and Patentee of  
The Only Genuine Immortelle  
Letters on the market. Order  
at once.  
CHAS. AUG. KRICK, 1164-66  
Greene Avenue,  
BROOKLYN, N. Y.  
Every letter marked.

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For Photographs of

## Horticultural Subjects

For illustrating Catalogues, Price Lists,  
Circulars, etc., write

**NATHAN R. GRAVES, Photographic**  
**Illustrator ....**

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## A. HERRMANN,

Cape Flowers, all colors, Cycas  
Leaves, Metal Designs and all  
Florist Supplies.

—Send For Prices—

404-412 East 34th St., NEW YORK.

**CUT FLOWER BOXES**  
**EDWARDS FOLDING BOX CO**  
MANUFACTURERS  
PHILADELPHIA, PA.

## EVENTUALLY YOU WILL BUY King Greenhouses

WHY NOT NOW?

YOU WILL NOT REGRET IT FOR THEY ARE

**STRONG  
LIGHT  
LASTING**

**Easy to Keep in Repair**

THEY SATISFY THE MOST DISCRIMINATING

We will send you Bulletins and question  
blanks to express your requirements on

## King Construction Co.

Home Office and Works:

**N. TONAWANDA,  
N. Y.**

Eastern Sales Office:

**No. 1 Madison Ave.,  
NEW YORK.**

Lock the door before the horse is stolen,  
and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

**JOHN G. ESLER, Secretary**

SADDLE RIVER, N. J.

Mention the American Florist when writing

## Superior Crimped Invisible Carnation Staple

(PATENT APPLIED FOR.)

For repairing split carnations 1000 for 50 cents  
Postpaid. Sample free.

L. J. WATKINS, 203 Main St., Springfield, Mass.

## GORHAM & CHAPLINE PRINTERY

Close Prices on all  
Kinds of Printing.  
Pontiac Bldg, Harrison & Dearborn Sts., Chicago  
1000 Letter Heads..... \$3.50  
1000 Envelopes.....

**HAVE** your customers kept their  
promise to pay their bills at  
Easter? If not do not wait; but send  
the claims to us. When we remind  
them they will probably pay.  
The National Florist's Board of Trade, 58 Pine St.,  
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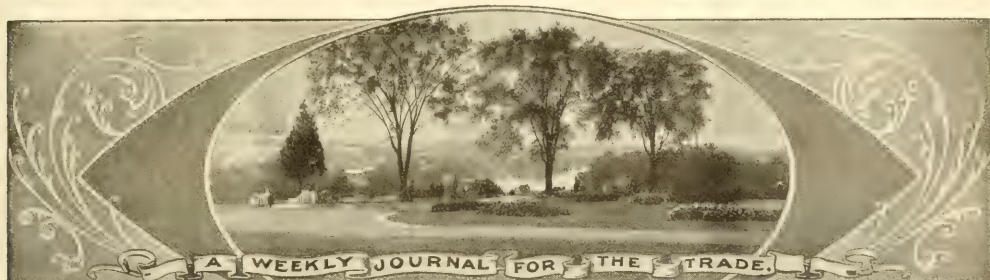


CHURCH WEDDING DECORATION.





# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JUNE 10, 1911.

No. 1201

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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### SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—GEO. ASMUS, Chicago, President;  
RICHARD VINCENT, JR., Baltimore, Md., Vice-  
Pres.; H. B. DORNER, Urbana, Ill., Sec'y; WM.  
F. KASTING, Buffalo, N. Y., Treas.  
Annual Convention at Baltimore, Md., August,  
1911.

### AMERICAN PEONY SOCIETY.

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1911, B. H. FARR, Reading, Pa., President; A. H.  
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### NATIONAL SWEET PEA SOCIETY.

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teenth St., New York, Secretary.

### AMERICAN GLADIOLUS SOCIETY.

Next meeting and exhibition at Baltimore, Md.,  
August, 1911, L. S. HENDRICKSON, Floral Park,  
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### AMERICAN ROSE SOCIETY.

Next annual meeting and exhibition at Detroit,  
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dent; PHILIP BRITNEYER, Detroit, Mich., Vice-  
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### THE AMERICAN CARNATION SOCIETY.

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eighth St. and Rockwood Ave., Indianapolis,  
Ind., Secretary.

### CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition in conjunc-  
tion with the St. Louis Horticultural Society, St.  
Louis, Mo., November 7-11, 1911, ELMER D.  
SMITH, Adrian, Mich., President; C. W. JOHNSON,  
Morgan Park, Ill., Secretary.

## SUGGESTIONS FOR PLANT GROWERS.

### Peonies.

The season for these popular June flowers was very early this year and the extremely warm weather forced the mid-season and late varieties all out together, so that the blooming period was shortened considerably. But the work on these plants is not finished by any means when the blooms are cut, for they must be taken care of to insure a good crop for another year. Where the plants are grown in rows the constant traveling has packed the soil down hard and the ground should be given a good cultivation in order to lighten it up. The weeds should be kept down all summer and not allowed to rob the soil of its richness. If the plants were severely cut in harvesting the bloom, so that there is not much foliage left on the plant, it is well to spread a mulch of strawy manure on the surface. This is often the case with the officinalis varieties which do not make the heavy growth of the later varieties, and as it is natural for the roots of the peonies to have the shade of the heavy foliage of the plants during the summer, the cutting of the stems and foliage of these varieties robs the roots of this, and a mulch that will protect the ground from the hot summer sun, is very beneficial and will also reduce the labor of weeding. Any old blooms left on the plant should be cut and thrown away. Plants that have become broken down by high winds or heavy rains should be tied up in shape.

### Cinerarias.

The sowing of cinerarias is better done in June than later, many post-pone this until July, but during the extremely hot days of that month it is often difficult to obtain good germination, and the seed pans or boxes will have to be watched carefully or they will become dry and the young seedlings burn off. The soil should be well shaded until the young seedlings show themselves, when the shade should be made lighter. As soon as the plants have one or two well defined leaves, they should be potted in small pots and given a nice airy posi-

tion near the glass, which should be shaded, but care should be taken that the young stock does not get drawn. Always bear in mind that the one thing in growing cinerarias to be on the watch for, is the aphids. These insects quickly infest these plants and rapidly suck the life out of them. Constant fumigation will keep them in check, but if not attended to regularly it will be time and money thrown away to attempt their culture. Cineraria hybrids is the variety most grown, and these are obtainable in some elegant strains with large high-colored flowers. The Cineraria stellata is a much larger and more rapid growing plant which is very showy, but is not so well adapted for house culture when in flower.

### Small Ferns.

The fern spores that were sown in late winter should now be in condition to transplant into flats. It will be difficult to separate the plants yet into individual specimens, but little clumps can be lifted with a toothpick and planted in flats about an inch apart. The flats or boxes should not be deep, about an inch and a half of soil is sufficient. The soil should be composed of two parts live loam and one part leaf mold, with a generous sprinkling of sand and sifted through a fine sieve. The flats should be placed in a moist house that is well shaded, and the walks kept well wet down all through the hot weather. If a nice warm moist temperature is maintained, the plants themselves will not require much watering, only light sprinklings, and they will very rapidly root into the new soil and send forth their fronds. If the grower has not grown his own ferns, it is a good time now to place an order for them with the fern specialists, for they can be purchased at very low prices and they are very easily grown on and where there are many fern dishes to be filled in the fall, the difference in cost of the young plants lifted from the flats in mid-summer and those purchased out of small pots in the fall is considerable; plants that will cost three and four dollars a hundred at that time



can now be obtained for one-third of that amount and a thousand or more of this small stock need not take up much space and will be disposed of before the bench room is needed in winter.

#### Primulas.

The young primulas that were sown early should now be in 3-inch pots and be given as cool and airy a location as possible. To get the best growth on these plants, they should never be subjected to great heat for the species are naturally a cool growing plant on the edges of the woodland in their native state. Outside in a frame with a lath covering, is the best place that they can be grown, the pots sunk in the soil even to the rim. In potting these plants they should be placed in the soil deep enough for them to stand firmly; they will not stand deep potting, but many growers do not pot them deep enough, and they frequently get turned over sideways during the watering. They must be watered carefully and preferably with a can with a fine rose. The later sowings will have to be carried on in the houses until they are large enough to be placed outside. They will have to be shaded, but do not shade them heavily enough to cause them to get drawn.

#### Solanums.

These little Christmas plants should not be allowed to stand around in the hot greenhouses badly pot bound and drying up every day, for they will grow hard and it cannot be expected to obtain a good plant under these conditions. They will stand lots of abuse and do fairly well, and that is the reason probably that they are so often neglected during these busy days. But it is much better to plant them out in the field than to carry them along in this condition. They can be easily handled in this manner, lifting them early in the fall. They will need to be kept pinched back into shape—any strong leading shoots should be cut back when they are soft. They can be planted fairly close together and will need frequent cultivation. If there is no suitable outside location where they can be planted out they can be plunged in a frame and potted up as it becomes necessary, but outside treatment of some kind is far preferable to the greenhouse, which is too warm, unless shaded, and they make better growth and bloom more freely in the bright sunlight.

#### Names and Colors of Plants.

##### ED AMERICAN FLORIST:

I desire to know the names and colors of plants especially of geraniums and coleus. Can I purchase a book that will give me the colors and names of plants so that I may know what I will get when placing orders?

A. W.

The color chart which is issued by THE AMERICAN FLORIST at \$1 each will show the colors properly named, and the catalogues of the geranium and coleus specialists describe the several varieties, giving the respective colors of each.

W.

SCRANTON, PA.—Miss Annie Griffiths, formerly with W. H. Davis, has opened a flower store at 129 N. Main avenue.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

#### Wedding Decorations.

So many and varied are the ways of arranging the butterfly design, which has become so popular with florists as an added ornament to their baskets, etc., that a suggestion for the bridal canopy is opportune. The wire frame should have a good sized body with exaggerated and extended wings made of good length and not the stubby, wide design. The body can be made of white roses and the wings of lily of the valley, using pink roses for the markings of the wings; the inside of the frame should have a covering of white satin; the antennae of the butterfly should be wound with white satin ribbon and from these can be suspended tiny streamers of baby ribbon, the ends of which can be arranged in among some tall palms standing at the sides, or little flower girls can hold the extended streamers forming a bower.

The musicians may be placed behind a screen made of maiden hair or other light green through which is arranged

lily of the valley. Back of the musicians place the usual tall palms as a background. A butterfly made like the canopy should adorn one end or the center of the screen, whichever is the most practical, arranged in a flying position, and clusters of electric lights on either ends of screen. As an aisle for the bridal party use palms on either side; the middle ones being taller and tapering sizes to the end of each line. Connect these palms with wide white satin ribbon and to the center of the ribbon suspend and arrange loosely bunches of pink roses and have a string of electric lights beneath the roses. The prie-dieu should be of pink roses.

For the wedding supper table use a pink satin sash ribbon, the widest procurable, in the center attach lily of the valley and extend across the table, tying a loose bunch of valley at the ends, and over the edge of table. In the center place a good sized loving cup made of pink roses and filled gracefully with valley. A touch of pink in the center of the valley on the table is effective.

For the bridesmaids' bouquets use pink sweet peas arranged in colonial style with maiden hair fern, in making,



CLIMBING PINK SEEDLING ROSE AT C. B. NEWBOLD'S, JENKINTOWN, PA.



ROSE GARDEN OF CLEMENT B. NEWBOLD, JENKINTOWN, PA.

use the flat effect instead of the pointed. The ribbon should be of the palest pink—the bow small and the streamers long. White orchids for the bride's bouquet in the same arrangement; attach a white chiffon bow of same design as bridesmaids, but in the center of each ribbon streamer attach a small ring of orange blossoms with showers of the same flower hanging from, and almost covering the wide streamer below, the ring.

#### Flowers for School Exercises.

It is the fashion now in most schools of any size and standing to have the "Flower Prom" at the school closing exercises. A rose bowknot for the graduate may be made by fastening roses on a long wire and then shaping it into a bowknot, to which should be attached long streamers of ribbon of the dominant color and on this sew roses gracefully arranged with fine green as a background. This is particularly effective with the new style of dress now being worn where the high waist line is accentuated. The knot should be attached to the upper part of belt at the left, and should not be larger than ten inches across, or much smaller, depending upon the person wearing it. This can be made of sweet peas with their own foliage and is very graceful and pretty; cornflowers are also good, where class colors are the vogue and wish to be emphasized. A gold basket may be carried by the graduates' attendants in which to place the floral offerings. They in

turn to designate their mission should wear the floral necklace made of the forget-me-nots, lily of the valley, or any other appropriate small flower.

For the undergraduates make a double shoulder corsage, if their class color should happen to be blue and white—use white sweet peas, making the part falling over the left front shoulder larger than that over the back and tie in the center with the class colors; the bow should be a pretty rosette. For the other members of the younger class a floral bandeau for the hair is pretty. This is usually three to five inches in width and is tied with a pretty little bow at back of head dress. This made of lily of the valley on a background of maidenhair is good. In fact small rose buds or sweet peas or any of the smaller flowers can be effectively used.

For the still younger class a loose bunch of peonies with long stems for which tall baskets are arranged on the front platform to conceal the lower woodwork where each little member places her individual bunch—thus showing their artistic taste and lends a pretty conclusion to the "Floral Prom." The armlet corsage is a good substitute for any one desiring a simple little bunch where it will not interfere with the gown or its trimming.

The "Floral Prom" is sometimes headed by the smallest pupil carrying a huge bouquet of American beauty roses. A wide American beauty shade of sash ribbon is usually carried around the neck to help support the heavy

bouquet which is supposed to be embraced with both arms and the loop of sash ribbon is a support for the same. Golf bags made of the class colors and in which long stemmed American beauties are placed are very attractive for the "Prom" and are particularly appropriate for the athletic class.

A suggestion for the graduate where the "Prom" is not the vogue is the long arm bouquet with its loop of satin sash ribbon to throw over the lower arm and carried like a basket effect to which a loose arrangement of marguerites is suspended with small showers of daisies intermingled.

#### Wreaths Made in Germany.

The Archdeacon of Huntingdon, in his visitation charge at Huntingdon, made a special protest against the use of imported wreaths of painted tin or china—wreaths under glass, made in Germany or Belgium, which, he said, were an eyesore in cemeteries, and even some of the country churchyards. He asked church-wardens to use their influence, so that country churchyards, at any rate, might not be made hideous with Continental importations.—London Journal of Horticulture.

MARIETTA, O.—Articles of incorporation were granted the Marietta Floral Co. to J. A. Gallagher and others, capital \$20,000.

HARTSDALE, N. Y.—The first annual flower show will be held in Firemen's hall September 29-30. Liberal premiums will be offered and the competitive classes will be divided into amateur, gardeners and nurserymen.



## THE ROSE.

### Cleaning Out and Planting.

The rose houses should now be put in readiness for planting. One had better start in time to clean out the old stock for very often the repairs require more time to complete than appeared at the start. The houses should receive a thorough cleaning up, and all the painting and repairs to the roof, the heating system, etc., should be done at this time. There is nothing better than hot lime wash to which has been added some sulphur when slackening, and even where concrete is used the lime and sulphur wash is beneficial in many ways. If the houses are cleaned properly, especially a house containing raised benches, there is no waste of the fresh soil which is spilled when refilling the tables. Very often considerable soil filters through the cracks between the bottom boards.

The compost by this time should have been turned several times and it is of the greatest importance that the soil should be broken up finely, and thoroughly mixed before filling the houses. Then it is a great mistake to plant in wet soil; should the soil be too wet for planting it can be carried in and left rough until it becomes dry enough to handle easily and pack firmly instead of having it form a solid mass by firming it when it is soggy. In preparing raised benches to receive the soil we have found straw to be the best medium to use to prevent the soil from running through the drain holes or cracks, and it can be wheeled over without packing or choking up the drainage. There is quite a difference of opinion as regards the drainage of the solid beds—some prefer a layer of crushed stone at the bottom with five inches of soil to plant in; again some growers use tile on both raised benches and solid beds. Clinkers we have found very satisfactory, and where one has a sandy subsoil or a subsoil that drains the beds quickly it is not at all necessary to use drainage of any kind. The opening of the bottom boards is very important where raised benches are used; three-quarters of an inch between six-inch boards is about right. Five inches of soil is about right for most any variety of roses (that is, after firming). We prefer filling the beds a little full and tamping them down to five inches; by walking on the soil it can be made uniformly firm which is not always the case when pressing the soil down by hand.

After filling the benches the rows can be laid off by using a stick a little wider than the beds. By driving a wire nail for each row and a nail for a guide at the outside plank or wall the rows four or five in number can be laid off at one operation, the spacing can be done by marking off the distance on a long stick and then making a mark on the row to plant by, one row in the center of the bed is sufficient for the plant spacing, the other rows can be planted by eye very accurately by taking a little pains. The Killarneys and Richmond do not require more than 15 inches in the rows and four rows to a four-foot table will answer nicely. American Beauty will require a table four feet six inches wide and the plants should be spaced about 18 inches in the row. Be sure

to plant the grafted stocks deep so as to have the splice covered when the soil has been leveled. Own root plants just a little deeper than the soil line in the pots.

Plant firmly and pound the soil down when the plant is set, leaving a saucer-like depression around each plant so they can be watered individually for some time, for a general watering will be disastrous to the weaker plants. Stake the grafted stocks immediately after planting and do not put off staking the own root stocks too long either. Do not level the soil until most of the weed crop has been removed, which generally speaking, will take about a month. Great care must be exercised when watering until all the young stock begins to break away nicely, then one must keep on being careful, for it doesn't pay to let up on the daily care and watchfulness in the rose houses.

Do not forget that good, healthy bench stock of Richmond and Killarney make excellent plants for moving over into solid beds into fresh soil. A little drying off will be necessary so they may be lifted with good clumps. Plant them in rather small lots, pack the soil good and water thoroughly. In this way the plants will receive no noticeable check. Very light pruning will be necessary until the plants become established in their new quarters. They should also be tied at once after planting. E.

### Roses in 1910.

It may sound like a strange prophecy to hear it said that the rose is the coming flower. But when the new in-

brid teas as to be almost forgotten, while Baltimore Belle, Greville, Prairie Queen and other climbers, the great porch and pillar roses of their day, are now scarcely seen except in the oldest gardens. The introduction of the hybrid tea can be said to have revolutionized the rose; beds and borders of this class are now seen in continuous bloom so free as to almost rival the geranium in its mass of color. New varieties of exceptional merit, showing great diversity of form and color, follow one another in rapid succession from the hands of the hybridizers. At the exhibitions of the national rose societies of this and European countries, gold medals are annually awarded to new roses of the hybrid tea class that the judges are unanimous in saying are great advances in this or that particular over existing sorts.

Jacob G. Elsele, of the H. A. Dreen Co., one of the best judges of roses in this country is very enthusiastic over the future of the hybrid tea. All the new sorts as soon as introduced and even before are given a place in their trial grounds at Riverton. The display here during June was a revelation to even before are given a place in the scarcely believe in looking over the recent importations that such form and color existed in roses grown in the open ground. The Lyon, Harry Kirk, Md. Jules Grolez, Viscountess Folkestone, Earl of Warwick, Dean Hole, and others are almost sensational in their breaks of size, color and productiveness. In the rambler class the improvement has been most remarkable. M. H. Walsh of Woods Hole, Mass., has given us sorts that will be



BED OF KILLARNEY ROSES AT C. B. NEWBOLD'S, JENKINTOWN, PA.

introductions of the past 10 years or those that have been tried out in that short time are examined it will be seen that the improvement has been most wonderful and that this beautiful flower is entering upon a new era. The old standard sorts that were the pride of the garden in the ever blooming class, such as Hermosa, Sanguinea, Malmesbury, Pink and White Daily and others, are so completely eclipsed by the hy-

brid teas as to be almost forgotten. A. Manda's seedlings are especially valuable and he has pointed the way to even greater triumphs. Dr. Van Fleet, if he did nothing but raise American Pillar, this wonderful single pink climber which is in a class by itself, will deserve a niche in our hall of fame.

The accompanying illustrations are of the rose gardens on the estate of



JAPANESE SINGLE ROSE GROWING AT C. B. NEWBOLD'S, JENKINTOWN, PA.

Clement B. Newbold, Esq., at Jenkintown, Pa., where the plants are brought to great perfection. Hybrid teas occupy the central ground beds while ramblers are seen over arches and trellises and here and there a standard adorns the top of the terraces. A large plant of American Pillar, covering a trellis 20x20 feet, was just past its best. It is an exceptionally strong grower and very profuse bloomer and when in full flower a most gorgeous sight. A number of single Japanese varieties of their own importation were seen very full of flowers. Mr. Newbold, who is president of the Pennsylvania Horticultural Society, is very fond of plants and flowers and the exhibits of the society are always graced by numerous entries of the best stock from his conservatories. ROBERT KIFT.

#### Trying Out New Roses.

The last decade has seen a most phenomenal improvement in new roses, especially in the climbing and rambler classes. It is within the memory of most growers of the present day when the Crimson Rambler and Wichuraiana were introduced and but a few years since the dwarf ramblers were first shown, and it has been a great and steady advancement with new varieties being added every year to the already large number that possess so much merit. The intimate knowledge of the characteristics of these novelties which can only be obtained by planting and testing is of paramount importance to the florist or nurseryman who sells or grows roses in any quantity. In the hybrid teas and other classes a similar

advancement is continually going on, and it should be the aim of the progressive grower and dealer to supply his customers with the best roses in cultivation and to acquire a knowledge of what is suitable for the purposes required. We are living in an age of progress and it is impossible to stand still, for this means that those who are progressive are passing us by, which will ultimately lead to our elimination in the onward movement. The time has passed, S. W. Crowell, of Roseacres, Tenn., is reported to have told his fellow nurserymen at a recent convention, when with only an assortment of cheap, indifferent varieties a dealer can present his wares to an over-indulgent buying public and hope to reap the full benefits therefrom and still retain the confidence of the buyer, who now demands the best that grows, which requires skill, proper selection of varieties, scientific fertilization, careful cultivation, storing and shipping—in other words the best obtainable product.

This is the day of good roses and the wise dealer will take notice and profit thereby. As an illustration a customer was cited who must have regarded that a rose was just a rose, no matter what the name, and the list of roses with which he hoped to attract the customers and beautify their gardens consisted of Prairie Queen, George the Fourth, Seven Sisters and others of the older types. He ordered a few hundred plants of Mme. Planter for a certain planting and it was suggested to him the use of Frau Karl Druschki, but he promptly stated that he knew

what he wanted. Included in the order which was sent him were ten plants each of Capt. Hayward, Frau Karl Druschki and other newer varieties, with the request that he plant the same in his own grounds and watch the results, and the next summer was a revelation to him. He was smart enough to discern the writing on the wall and is now doing a profitable business and supplying his customers with newer and up-to-date varieties that will enhance the beauty of their grounds and prove "a thing of beauty and a joy forever."

It is necessary that the grower should become thoroughly acquainted with the newer varieties and a trial ground of his own should be established, while it is only occasionally that a great improvement like a Killarney or a Frau Karl Druschki is found, yet the only way by which comparison with the older commercial varieties can be made is to grow them side by side under actually the same conditions. The expense of such trials is merely nominal, and no rose grower or dealer should at the present day ever offer a rose for dissemination until it has proved worthy. This is quite necessary, for the reason that the buyer is often wary and does not care to make investments when there is a possibility that a new rose will fail to make good. We must pay for our experience, and if in a trial of 50 or even 100 varieties, one good rose be found, the investment will be profitable and the knowledge incalculable, for with the added interest to the work, and if, after planting, the new rose proves to be distinct and



adapted to one's needs material advantage has been gained. If, on the other hand, the investment does not prove profitable in dollars and cents, we have gained in knowledge and helped in the support of the raisers and disseminators of new roses who are endeavoring to make an advance over existing types.

#### Roses of Distinctive Coloring.

A small number of roses are so peculiarly colored as to deserve a few remarks. Of recent years this has become more noticeable, writes a correspondent in the Gardener's Magazine. Not all of these are new, however, for one of them is the Austrian Copper, with a color I fail to find in any other flower, much less in roses. Grand indeed, is this oldest of roses, in its bright and glowing copper, shaded with clear terra-cotta. If it were only perpetual, and not so fleeting for the short time it is with us, it would be of immense value. Leading from this class of Austrian and Persian briars we find Soleil d'Or, in 1900, obtained from crossing Persian briar Harrisoni with Antoine Ducher. Here we have a color varying from deep orange-yellow to reddish-gold, shaded with nasturtium-red, and quite distinct from any other rose. A couple of years later we had Gottfried Keller, another remarkably shaded rose, varying from clear apricot to orange and yellow, with veins of deep rosy-orange at the base of its petals. The crosses from seedlings of Soleil d'Or are giving us some of the most unique color of all, Lyon Rose being now well known, with its coral or shrimp-pink, suffused with deep orange-yellow. Arthur R. Goodwin varies from coppery-red to salmon-pink. But one of the most unique shaded of all is Rayon d'Or, a rose there is considerable discussion about just now, because of its very indifferent behaviour up to the present. This is as yellow as the marsh marigold, with a streak of orange and red in the bud stage.

In Irish Elegance we have a single rose that is almost indescribable in its shadings, of bronzy-orange and apricot. Jacques Vincent is another difficult to describe. Its main shades are coral-red and yellow, with a rosy-salmon centre; a very hardy and beautiful variety this. Juliet is a cross between Soleil d'Or and Captain Hayward, and a charming combination of the glorious shades of these grand roses has resulted. Hugo Roller must not be omitted; rich rosy-crimson on the outer petals, with a lemon-yellow centre. The aptly-named Beaute Inconstante has coppery-red, carmine, and yellow flowers, with seldom two shaded alike. Many peculiarities are found in the striped roses, such as York and Lancaster, Merrie England, Pride of Reigate, and Rainbow. In Grand Duc A. de Luxemburg and Mrs. E. G. Hill we have deep coral rosy-reds on the reverse of the petals that give the flowers a peculiar appearance.

DEEP RIVER, CONN.—D. F. Doane is planning to erect a greenhouse and engage in the florist business.

HARRISBURG, PA.—The florists of the Philadelphia & Reading railway have about finished planting the grounds at the several stations of the line. About 200,000 plants are used which are raised at the greenhouses at Wayne Junction.

#### The Conard & Jones Co., West Grove, Pa.

The Conard & Jones Co., whose nurseries are at West Grove, Pa., are specialists in cannas and roses. Among the meritorious climbing or rambler roses that were introduced by this firm are American Pillar, the finest rose in its class; Philadelphia Rambler, a great improvement over Crimson Rambler, which is one of its parents; Ruby Queen, a rose of most exquisite color; May Queen and a number of other varieties that have not been given the prominence they deserve, for, as seen growing here in the nursery rows, they make a gorgeous display. All these are the products of that noted hybridizer, Dr. Van Fleet. Although introduced several years ago American Pillar is not as well known as it should be, as it is unquestionably one of the greatest climbing roses ever introduced. Had it been forced, for an Easter plant like Crimson Rambler it would have met an even greater reception than this popular favorite. It is most striking in appearance with its large strong clusters of single flowers, each flower over two to two and one-half inches in diameter, of a brilliant carmine pink with a white blotch in the center and a great circle of yellow powdered stamens. The foliage is large and glossy making a fine background for the flowers. This is the home of the canna where under the master hand of Antoine Wintzer have originated so many choice varieties, many of them being almost in a class by themselves. Prominent among the new ones are New York, Louisiana, Wyoming, Wm. Sanders, Jupiter and Pennsylvania. There are seedlings as yet under number of which great things are expected. K.

BUSHNELL, ILL.—E. D. Lauterbach reports that the Memorial day trade was a "hummer," the best they ever had.

SPRINGFIELD, MASS.—Mark Aitken is building a new greenhouse on the river road 40x160 feet to be used for growing violets. The Lord & Burnham Co. of New York have the contract.

#### Rose Culture.

Read by W. J. Kelmed at the Joint Meeting of the Chicago and Milwaukee Florists' Clubs at Milwaukee, June 1, 1911.

In treating plants in general, especially roses, I have studied plant life on a similar rule to animal life and have come to the conclusion which may sound wrong on first thought, but on close examination I think you will find it not far wrong.

We have been told that plants require so much nitrogen, so much potassium and so much phosphorus, and by giving them that much, with enough water to dissolve it, we will get the desired results, but do we? Now take animal life. Does an animal or human being absorb all it takes in? Evidently not, for if it did there would be no manure, or if there was it would be of no use for feeding plants. We are told to drink three pints of water per day. Does the body absorb it? No. The most of it is taken to remove impurities out of the system. I believe the same is true with plants. The nearer we come to giving plants the exact amount of food and water they require, the poorer is the result. Therefore, I believe that plants should be fed and watered as liberally as animals, believing that the surplus will be employed in purifying the system of the plant, as it purifies the system of the animal. Some plants require more and some less. I believe the rose is one that requires more.

This, of course, does not mean that the feeding and watering cannot be overdone. On the contrary a plant can as easily be overfed as an animal, or easier, and here is where a good many mistakes are made. No man would think of taking in enough food at one time to last a week. Therefore, no one should try and give a rose, growing in a greenhouse giving four to six crops a year, enough food to last during that time, or a quarter of that time. This is where we find Killarney roses and roses of that class the most sensitive. These roses are gross feeders; at the same time they are the easiest overfed. They like lots of water, but they are the first to suffer from sour or stagnant soil, and there



HEDGE OF ROSE SEEDLINGS AT THE CONARD & JONES CO.'S, WEST GROVE, PA.

is nothing that will put soil more quickly or more surely in such a condition than giving it too much water, for that is the one way of closing up all the pores in the soil and cause it to hold every particle of impurity that the plant throws off. I firmly believe that a rose or any other plant throws off impurities, the same as an animal, and while these impurities may be useful to some other plant, they are the death of the plant that throws them off. Therefore, I believe, as I have said before, that a plant should be fed and watered just as liberally as an animal, expecting it to take out of the soil only that part of the nourishment that it requires.

#### PLANTING.

In growing roses I find that those which are planted in the benches in early spring before the hot weather starts in, irrespective of their size at the time they are planted, will make a much stronger and larger growth than plants planted during the heat of the summer, and I believe in planting young plants. There is more gained by throwing out old plants in spring, when they are about through doing their best, and replanting with young stock than to wait until the spring has glutted the market and the hot weather is making it almost unprofitable to grow them any longer.

#### SOIL.

There has been some discussion lately regarding soil from bottom lands for roses, as if this was a new idea, but some of the most successful rose growers have been using such soil for years, either piling it up in the fall or spreading it out on high ground and allowing the frost to work through it during the winter, then mixing it with manure and fertilizer in the spring before taking it off the field. But whether it is soil from high or low ground, the main thing is that it is virgin soil, or at least soil that has never been used for roses before, and has laid in grass at least three or four years before using.

#### DISEASES.

One of the greatest, if not the greatest enemy of rose growers is mildew and also one of the hardest to fight. About the only way to conquer it is to practically keep firing the year around and to keep sulphur on the pipes. Of course, houses built on high and sandy soil have little trouble in this direction, as compared to those built on low and marshy places, where there is heavy dew during the summer. But as long as the plants are kept in good growing condition and have sufficient nourishment, there is never great danger from mildew.

#### THRIPS.

I want to mention in conclusion a subject very dear to not only rose growers, but all florists just now—dear not in their hearts, but very dear to their pocketbooks—and that is thrips. We are told by some the only way to kill them is to smoke until we are blue in the face and the plants black. Others say to burn red pepper and many others to spray with nicotine solutions, but for myself I have found one remedy, and only one. That is Paris green and brown sugar. If that does not kill them, it is simply because the plants were not sprayed evenly enough and the thrips could not reach the sugar, for they will go for it if they can get to it. Entomologists



SPRAY OF ROSE AMERICAN PILLAR—CONARD & JONES CO., WEST GROVE, PA.

tell us that thrips are sucking insects and therefore poison has no effect on them, but when we look at a fine crop of American Beauties all chewed to pieces we feel tempted to differ with them, for the insect must certainly attack the tissues of the flower to create such an effect.

fine, better results are obtained when the soil is left a little coarse and open, also do not plant when the soil is on the dry side, but wet it down a little and wait until it is in fit condition for planting.

The depth of soil in the benches is sometimes a stumbling block for many of us, and the general supposition is that six inches of soil is necessary and seven or eight is better but experience has taught us that the opposite is the case, and some of our best blooms have been produced in less than five inches of soil. We recall some Miss May Seddon, Nellie Pockett and Mrs. Wm. Duckham that were grown in soil that appeared as hard as a rock, needing water once every day and sometimes more, and only about four inches in depth, these conditions gave us the best results with these varieties and it has been our aim to use less than six inches of soil since then. We are pleased when our soil conditions are solid enough for the water to pass quickly through it, and when wet it is not spongy, and if dry hard enough so that it is difficult to press one's finger into it. The principal cause of trouble from planting in deep soil comes at the time the blooms are developing, which is a period when it is difficult for the soil to dry out readily which is a very important item, because wet sodden soil at the roots is bound to cause the petals to rot.

A large number of growers throughout the country follow the method of growing their exhibition stock entirely in pots, potting them along from the cuttings until they are fit for 8-inch

## CHRYSANTHEMUMS

### Exhibition Blooms and Plants.

The grower of chrysanthemums for exhibition will find plenty to do among his plants at the present time, whether they are being grown for exhibiting as cut blooms or as specimen plants. The cut flower stock should be got into their permanent quarters as quickly as possible. They require a long season of growth to produce wood of sufficient strength for developing blooms to measure up to the present day exhibition standard. If the plants are to be grown in benches the planting should be finished up at once.

The matter of soil is the one most vital question at this time and the very best live soil procurable will not be any too good. Old worn out greenhouse soil in which some other crop has been grown should not be used, it being a big handicap for a grower to try to grow exhibition stock in old soil. The best soil to use is a porous loam with a texture of clay running through it, add well rotted manure to this in proportion of one part in four and a liberal dressing of fine florists' bone, do not make the compost over



pots which is the size in which they are to bloom. If this is the method of culture followed they should be potted into their final pots without any further delay, give plenty of drainage and pot firmly. Such plants as are already in their final pots and with a month or more of growth before them can be pushed a little by being given a light top dressing of Clay's fertilizer or some of the other commercial fertilizers with which the grower may be familiar, these manures are highly concentrated and should be used with caution, a dessert spoonful shaken over the surface of the soil and scratched in is ample for 8-inch pots, at one application, then follow along with another in about three weeks. One very important feature with this class of stock as with all chrysanthemums, no matter what the method of culture may be, and that is to stake them up as soon as they are ready, to insure straight rigid stems.

The large specimen plants are now growing rapidly and they should receive attention as regards topping back the shoots, also stake out the branches that need it to prevent their getting broken. Those that are not in their final pots should receive attention at once, give plenty of drainage and pot firmly, being particularly careful directly after potting not to give an over-abundance of water until the roots have again control of the soil. The standards should also receive the same treatment as regards potting. They will also need sufficient supports to guard against their stems being broken. The work of keeping down the black and green aphids should be followed up closely right along by frequent sprayings or fumigations.

C. W. JOHNSON.

### Chrysanthemums for December.

ED. AMERICAN FLORIST:

We would like to plant a house of Chadwick chrysanthemums to bloom the third week in December. When should they be planted? When should they be stopped? When should the bud be taken? F. B.

Columbia, B. C.

To be successful with the Chadwick chrysanthemum for the third week in December a special course of culture will have to be followed. In British Columbia, the Puget Sound district and Oregon many of the varieties which are classed in the middle west as mid-season or Thanksgiving varieties can be timed to be at their best for the Christmas holidays. The method of culture is to put the cuttings in the propagating bed in June, pot up as soon as rooted, and plant out on the benches early in August, they will still be very small stock but they quickly take on a rapid growth. Not any stopping back is necessary and they should be allowed continuous growth until the time for taking the buds which generally appear about the middle of October. Not all of the standard commercial varieties of the eastern states adapt themselves to this treatment, many of them coming blind in the bud and the time of taking the buds has to be timed entirely different; late propagating, late planting, grow along uninterruptedly, and take the first bud that appears will give the best results in the far western country. I recall an experience with the variety Mrs. Jerome Jones early propa-

gated stock, they commenced to show buds around the first of August and, thinking this entirely too early they were rubbed out and allowed to go on for another bud, the growth they made after this was out of all proportion and finally after budding up and blooming they did not amount to very much. Another batch of the same variety grown from late propagated stock and the buds taken the latter part of September or early in October were very successful. It is necessary to figure on the long continued cool weather in that part of the country which allows for steady bud development.

C. W. JOHNSON.

### Highland Park, Rochester, N. Y.

The conservatory which is to be constructed at Highland Park, Rochester, is intended to be the finishing touch to that beautiful, and in many respects unique, public garden. In all essential respects Highland Park is already ideal. Its favorable location, overlooking as it does an immense stretch of the Genesee Valley on the south and the attractive farming region on the east, and the rapidly growing city lying at its feet on the north, gives it a commanding position. From no other point of view can the sky line of the city be viewed so advantageously. By day the tall buildings stand out clearly against the northern sky, with glimpses of Lake Ontario in the distance. By night this same outline is revealed by a blaze of electric lights, from Cobbs Hill reservoir on the east to a point miles to the westward.

Highland Park is easily accessible from all parts of the city, as it has entrances through Reservoir avenue

whichever way the eye is turned. The elevations are not so high nor the depressions so deep that traversing its undulations becomes wearisome; but there is constant and charming variety. The park embraces altogether fifty-four acres, but it is so laid out that visitors can traverse the entire grounds without fatigue and with ever-sustained interest.

The collections of coniferous trees, rhododendrons, lilacs, azaleas, pæonies, and the rare magnolias are unsurpassed in any park anywhere. Indeed, the collection of magnolias is unequaled and is one of the most complete known. These great exclusive and rare collections are all embraced in the fifty-four acres of the park. Highland Park for rare beauty is not equalled anywhere, writes William C. Barry in the Technical Educator. The pinetum, just now beginning to develop its beauty, is destined to be an exceedingly attractive feature of the park; and it will grow more and more beautiful as the years pass. In it can be found almost every known variety of evergreen, many of which have been brought from far distant lands, and they are constant objects of study. Taken as a whole, we have in Highland Park a great educating force. It is frequently compared to a great picture gallery, with choice bits of coloring. And here the parallel fails; for the views in Highland Park change from day to day, and almost from hour to hour. From early spring until the fall frosts kill vegetation, there is a continuous change and the colors are kaleidoscopic.

On the extreme summit of Highland Park is the Children's Pavilion, donated forever to the park, and dedicated



ROSE MANDA'S GARDENIA AT THE CONARD & JONES CO.'S, WEST GROVE, PA.

from South avenue, from Mount Vernon avenue through the delightful drive along the pinetum, from Goodman street with its easy road through the evergreens to the pavilion, and from Highland avenue directly into the floral gardens. Unlike most city parks Highland Park is undulating, affording an almost infinite variety of views,

to the children of Rochester. In the summer evenings this pavilion is brilliantly illuminated and stands as a beacon in the western range of the Pinnacle Hills of which Highland Park forms a portion. At stated intervals during the summer choice band concerts are given in the pavilion and thousands upon thousands of delighted



LAMBERTON MEMORIAL CONSERVATORY, HIGHLAND PARK, ROCHESTER, N. Y.

listeners gather at its base, and often the crowd overflows and fills the sloping sides of the dome of the park.

Highland Park is peculiarly interesting to expert visitors, owing to its large number of rare trees, shrubs and plants. As has been said, many of these trees and shrubs have been brought from the uttermost ends of the earth, and many have been propagated in profusion. Much has been said regarding Rochester as the coming "City Beautiful," and it has been well said. But a city which possesses the beautiful parks which adorn Rochester, and throws open to the public such a garden as Highland Park, has already laid broad the foundations of a city of unsurpassing beauty.

It has been realized for several years that a public conservatory has been needed to make Highland Park complete. Its greenhouses and plant houses, while especially designed for specific park purposes, have nevertheless been opened to visitors when possible, and have invariably been thronged during the hours when they could be open. But the lack of a conservatory which should belong exclusively to the people, open to them at all times and particularly in the long winter months, and which the people could properly call their own, has been felt by the members of the Highland Park Committee of the Park Board. From time to time appropriations for this purpose have been sought, but other demands of Rochester's great park system have obtruded, and the building of the public conservatory was not accomplished. It was not until the late Miss Mary A. Starbuck bequeathed the sum of \$20,000 to be devoted to a magnificent public conservatory, to be a memorial to Hon. A. E. Lambertton, President of the Rochester Park Board, that such a boon for visitors to Highland Park became possible. The fund was placed in the hands of President Lambertton, and became at once available for use by the Highland Park Committee on the death of the generous donor. From the illustration of the new building which we herewith publish it will be seen that the Lambertton Memorial Conservatory will be worthy of the name.

The slightly location at the entrance to the park, at the intersection of South and Reservoir avenues has been selected and the conservatory will be ready for the reception of the public September 1, next.

In the summer season, perhaps, the need of a large and commodious plant house for the instruction and pleasure of visitors is not so manifest, as there is so much to attract the visitor out-of-doors. But a great plant house in the winter is a joyful possession. Usually it is only the more wealthy who can enjoy the winter conservatories, but it is intended that the pleasure shall be brought within the reach of all at Highland Park. For this reason a location close to the street railway has been selected, thus making the conservatory easily accessible from all parts of the city, even in the most inclement weather. Here all will be welcome, as all are welcome in these balmy early summer days and evenings to the grassy slopes, the evergreen wooded hills and the lovely floral nooks of Highland Park, which in summer is only less than Paradise. In order that the conservatory shall fulfill its real mission of giving pleasure and comfort as well as instruction, it will be equipped with comforts and will be made as homelike as possible.

Throughout the winter months the conservatory will be filled with the choicest flowering trees, shrubs and plants, and it will be sufficiently large to accommodate even the large number of daily visitors who will bask in the warmth of its semi-tropic atmosphere. It is the intention of Superintendents Laney and Dunbar to maintain the conservatory at the highest standard and to provide during the winter months a continuous and varying display of plants in flower, and a sequence not unlike that of the summer outdoor exhibit will be followed. In a very definite way, as has been said, the Lambertton Memorial Conservatory will take the place of a private conservatory, and its beauties can be enjoyed by each individual as if it were his or her own. It cannot be said too frequently or too emphatically, that the Lambertton Memorial Conservatory is a people's conserva-

tory, they will own it and will enjoy it with the same freedom and joyous feeling of possession that they carry with them on their summer visits to Highland Park and the other beautiful parks of Rochester. The tribute to President Lambertton is eminently fitting, for he has ever been a loyal friend to the parks of the people. Towering memorial shafts of marble and granite could never so greatly benefit the people as will this constant source of pleasure and instruction, which will add to the sum of human enjoyment for long years which are to come. I am delighted that the loving tribute to President Lambertton has taken on the form of such a valuable addition to our lovely Highland Park gardens and in this expression of heartfelt gratification I know I will be joined by the tens of thousands who have learned to love and appreciate the beauties of Highland Park.

#### Dandelions Doing Great Damage.

According to experts the plague of dandelions has done about \$100,000 damage to lawns in New Jersey within the last fortnight. Some natural enemy of the dandelion that has kept it down in other years has been prevented this year from completing its work. Just what this enemy is no one seems to know. Science, however, has provided an artificial enemy, a solution of sulphate of iron in water.

## OBITUARY.

### Charles Armitage.

Charles Armitage, president of the well known firm of greenhouse builders, Hitchings & Co., died suddenly at his home, 11 Irving street, Montclair, N. J., May 22 from heart disease, aged 65 years. Mr. Armitage was born at Matteawan, N. Y., and lived in New York city for many years, taking up his residence in Montclair fourteen years ago, where he was a member of many social organizations. He is survived by a widow, one son and four daughters.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

THIS ISSUE 52 PAGES WITH COVER

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RENEW subscriptions promptly so that no copies of the papers may be missed.

The next meeting of the American Peony Society will be held at Horticultural Hall, Broad street, Philadelphia, Wednesday and Thursday, June 8-9, 1911.

The United States government is supervising the importation of goods from abroad with a view to prevent the entry of foreign goods bearing brands copying or imitating the marks or brands of domestic manufacturers.

## Personal.

President Asmus of the Society of American Florists will attend the banquet to be held at Peckmann's hotel, 4295 Olive street, St. Louis, by the St. Louis Florists' Club on its twenty-fifth anniversary, June 28.

Patrick O'Mara, of Peter Henderson & Co., New York, will spend the summer in Europe, sailing at the close of his firm's spring business.

## Civic Improvements and Florists.

There is one feature which is making rapid strides in the cities and larger towns of this country in which the florist should take a more active part, and that is the beautifying of the city. In Springfield, O., the florists, through the medium of the Florists' Club, have undertaken the planting and care of the Esplanade and the institution of a rose garden in Snyder park, and have other plans for the beautifying of the city under consideration. This work, for which the florist by the nature of his business, is especially fitted, is worthy of emulation by all in the business and is sure to be appreciated by the public. In many localities improvement societies are formed for the purpose of beautifying the streets and grounds, and with these the florist should be in touch, assisting to the best of his ability, and above all do what he can to make his own place an attractive spot. He has the necessary goods and should be among the first to extend this grand work and it will redound to his credit.

## National Sweet Pea Society of America.

The following additional prizes have been added to the schedule for the exhibition to be held in Philadelphia at the end of this month. The prize list now amounts to nearly \$600.00 in cash and cups.

### RETAILER'S SECTION.

Class 36.—Table decoration of sweet peas; first prize \$15.00, second prize \$10.00.

Class 37.—Basket of sweet peas; first prize \$10.00, second prize \$5.00.

Class 38.—Bride's bouquet of sweet peas; first prize \$10.00, second prize \$5.00.

Class 39.—The Stump & Walter Co.'s prize for the best three vases of Aurora Spencer, Countess Spencer, and King Edward Spencer; first prize \$5.00, second prize \$3.00, third prize \$2.00.

Class 40.—The John Lewis Child's prize for the best vase of mixed sweet peas, not more than 100 sprays (amateurs only); first prize \$5.00; second prize \$3.00; third prize \$2.00.

Class 41.—The Aphine Mfg. Co.'s prize for the best six vases, 50 blooms each, sweet peas, open to florists only; first prize \$10.00.

Class 42.—The Sutton & Sons' prize (Reading, Eng.), cup, value \$25.00, for the best table of sweet peas to be arranged on a space four by three feet and not to exceed three feet in height (amateurs and gardeners only).

Class 43.—Watkins & Simpson's prize for the best six vases Spencer or Unwin sweet peas; first prize \$10.00.

HARRY A. BUNYARD, Sec'y.

## Cornell Bulletin on Sweet Peas.

The first report of the co-operative work between the National Sweet Pea Society and the Horticultural Department of Cornell University is being published as a bulletin of the Cornell Experiment Station. It is just off the press and may be secured by all residents of New York State interested in sweet pea culture, and by non-residents who are members of the National Sweet Pea Society. The secretary of this society is Harry A. Bunyard, care of Arthur T. Boddington, 342 West Fourteenth street, New York.

This first bulletin contains mainly

the results of fall and spring planting tests in addition to a very thorough study of the forcing or winter-flowering type of sweet peas. The Department of Horticulture has been studying these types under glass for the past two seasons, and this bulletin contains the results of this study. The bulletin has been prepared by Professor John Craig and A. C. Beal of the Department of Horticulture.

## Employes Sharing in Profits.

### REWARDING FAITHFUL DEPARTMENT HEADS

John G. Shedd, president of Marshall Field & Co., the concern operating Chicago's big general store, in announcing some changes among the heads of departments, says: "We have been perfecting a plan looking toward the initial step in a co-operative principle of ownership of stock by a large number of individuals employed in the management of this business.

"Marshall Field & Co. have always, either by the bonus plan or percentage division of profits, to a certain extent, operated on a co-operative plan as to profits, but have long recognized the desirability of broadening the scope of that principle and have finally concluded on what we deem a scientific plan of profit-sharing and stock-holding, which, when carried to its finality, will make this institution in its broader sense a co-operative one.

"Some of the larger organizations of the country have adopted methods of distribution to those who were able to buy stock, but we have endeavored to do something different from this; and feeling that the time is ripe for the introduction of some plan which will make in a greater degree for increased efficiency in our organization, we have coupled a stock-holding plan with a profit-sharing plan, thereby making it possible for some of those in the management who might not have the money wherewith to pay, to buy stock and pay for the same out of the profit-sharing.

"We have extended the profit-sharing and stock-holding privilege to as many of our department managers as we can arrange for at this time, and while our plan is by no means carried to its final conclusion, it contemplates the recognition of a considerable number of our department heads and those of our managerial staff who have been connected with the business for many years and whose efforts have contributed to the building up of the business."

## Sowbugs.

From time to time we notice inquiries about how to get rid of sowbugs and the remedy always given is some kind of poison. Now, a few years ago we were simply being eaten up with sowbugs, for every one killed with poison ten would come to the funeral, till we did not know what to do to save our plants. We just happened to try Slugs-Shot, which simply exterminated them and by always keeping it on hand we have kept them down ever since. It is a cheap preparation, a five pound bag will go over a hundred-foot house. We just sift it on tables and under the tables. It will surely kill them, large and small. Be sure and go over the house carefully and sift on all available space. Be sure and use it in the evening when the foliage is dry.

D. M. TIPTON.

## Meetings Next Week.

Baltimore, Md., June 12, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.

Chicago, June 14.—Gardeners, and Florists' Union No. 10615, 10 and 12 Clark street.

Cincinnati, O., June 12, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market.

Cleveland, O., June 12, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2610 Detroit avenue.

La Crosse, Wis., June 13.—La Crosse Gardeners' and Florists' Society, Hotel Stoddard.

Lake Geneva, Wis., June 17, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, New building.

Mason, N. J., June 14, 8 p. m.—Morris County Gardeners and Florists' Society, Masonic hall.

New Orleans, La., June 11, 2 p. m.—Gardeners' Mutual Protective Association, 118 Exchange alley.

New Orleans, La., June 15, 8 p. m.—New Orleans Horticultural Society, Kolb's hall, 127 St. Charles avenue.

New York, June 12, 7:30 p. m.—New York Florists' Club, Grand Opera House building.

New York, June 14, 4:00 p. m.—Horticultural Society of New York, American Museum of Natural History.

Pasadena, Calif., June 8, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.

Rochester, N. Y., June 12, 8 p. m.—Rochester Florists' Association, 97 Main street, east.

Scranton, Pa., June 16, 7:30 p. m.—Scranton Florists' Club, Guernsey building.

Springfield, O., June 12.—Springfield Florists' Club, office of the Good & Reese Co.

St. Louis, Mo., June 14-16.—American Association of Nurseries, Southern hotel.

Toledo, O., June 14.—Toledo Florists' Club.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—As working foreman, by a first class grower of cut flowers and potted plants single. German, strictly sober, can handle help, etc. Key 453, care American Florist.

**Situation Wanted**—German all around florist and gardener, married, middle age, wants situation on private or commercial place. Address Key 460, care American Florist.

**Situation Wanted**—By grower of carnations, 'mums and pot plants. German, single, 18 years' experience; New England states preferred. Address E. SWINGER, 247 5th Ave. Paterson, New Jersey.

**Situation Wanted**—First class salesman and decorator wishes to secure a situation immediately. Can furnish the best of references in regard to character and ability. Address Key 454, care American Florist.

**Situation Wanted**—As working foreman on commercial or private place; first class practical experienced grower of all cut flowers and pot plants, propagating and forcing, landscape gardening, also designer and decorator; German, married, no family; 30 years' experience in America and Germany; good references; please give particulars in first letter. Address E. J., care Th. Werner Florists, Springdale, Pa.

**Help Wanted**—Position open for a good truck gardener; \$15.00 per week; German preferred. Address Box 182, Waterloo, Iowa.

**Help Wanted**—A sober and honest man, with experience in carnations, ferns and bedding plants. State particulars and wages wanted in first letter. E. A. KUHNKE, Toledo, Ohio.

**Help Wanted**—Three good orchid growers; give full particulars as to your ability by letter if you cannot come personally. FUEHLMANN BROS. CO., Morton Grove, Ill.

**Help Wanted**—Young or middle aged man who is a practical florist and gardener with \$500 or more to take stock in and manage new plant to be built in the best location in the west; do not write unless you mean business and can furnish unquestionable reference; must be honest, sober, capable and industrious. Address Key 452, care American Florist.

**Help Wanted**—An industrious workman that can grow roses, carnations, 'mums and general bedding stock for an up-to-date retail place of 10,000 ft. in southern Iowa; must be a total abstainer; only those who want a steady place and can give the best of references need apply; either married or single; position open at once; \$15 per week. Key 459, care American Florist.

**For Sale**—3 greenhouses and 8-room residence; a bargain. DEAL'S GREENHOUSES, OWOSSO, MICH.

**For Sale**—Good second hand ice box, for retail or small wholesale store. \$125 spot cash takes it. Call or address, BUCHHEIMER BROS. 518 Milwaukee Ave., Chicago, Ill.

**For Sale**—Small but good greenhouse plant in fast growing city in Oklahoma; no competition within 30 miles; cheap, and easy terms if taken at once. Address Key 457, care American Florist.

**For Sale**—Five big greenhouses, 7-room house hot and cold water, steam heat, good condition; population 2500 at Waverly, Ill. Address OTTO DITTERNEY, 208 S. 5th St., Springfield, Ohio.

**For Sale**—Sunnyside Greenhouses for sale; on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. JNO. S. SCHLEIDER, OWOSSO, MICH.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, Sheffield and Lincoln Avenues. Greenhouse in connection. For further particulars call on or write J. T. HELBOE, 941 Wrightwood Ave., Chicago, Ill.

**For Sale Cheap**—Failing health; 9½ acres with 2 greenhouses 20x100; 75 sash, house and barn; drilled well, tank and pumping engine. One block to interurban car line; to center of city one mile; 20,000 population. N. NEY, Second Avenue, Appleton, Wis.

**For Sale**—Greenhouse of 3000 sq. ft. of glass enclosing in N. E. Nebraska; good cut flower and design trade, over 200 miles west and north, no competition. R. K. center; cause advancing change. Address Key 446, care American Florist.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants, one 20x12½ feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 16x22 feet in connection; good location for retail trade; for further particulars call on or write AUG. KOEHL 4228 N. 40th Ave. Chicago, Ill.

**For Sale**—A whole or one half interest in 8,000 square feet of glass, flower store, and about four acres of land; one half for \$5,000 cash; the whole for \$5,000 half cash and terms. The land itself sold for \$4,000 in 1890. The present owner cleared better than ten years and growing rapidly. Party buying a half interest must be competent to take full management and furnish unquestionable references as to ability, honesty and sobriety. Unless you can fill all the requirements, don't write. Reason for selling, other business requires my attention. Address Key 458, care American Florist.

## Rose Growers Wanted

Good men wanted who can grow high grade roses; also helpers in rose and other greenhouses.

BASSETT &amp; WASHBURN

131 N. Wabash Ave., CHICAGO

## Wanted---Seedsmen

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

## WANTED

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX &amp; SONS, Council Bluffs, Iowa.

## Wanted---Carnation Grower

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves he is a \$15.00 per week man. Address

Key 461, care American Florist.

## Plant Grower

We need a first-class grower of a general line of greenhouse plants, including palms, ferns and other foliage plants, also leading lines of flowering plants for the holiday and Easter trade.

Full particulars of experience, with references, may be addressed to

Key 456, care American Florist.

## FOR SALE Nursery and Farm.

A well located up-to-date nursery of more than 100 acres, one-half mile from thriving town on railroad, and near two large cities; 14 greenhouses, all stocked; 230,000 trees of all kinds; other growing stock and crops. A going concern, with bright prospects. Good reason for selling. Full particulars by addressing

Key 458, care American Florist.

## Offer Them Now

## ALL SPECIALTIES

For Cemetery Use

All Bedding Plants

Window Box Stock

Plants for Vases

The season is three weeks early, and the growers will get left who do not clean out their surpluses.

## WHILE DEMAND IS STRONG



# American Beauties and other choice ROSES

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz. |
|------------------|----------|
| Extra long.....  | \$3 00   |
| 24-36-in.....    | 2 00     |
| 18 to 24-in..... | 1 50     |
| 12-in.....       | 1 00     |
| 8-in.....        | 75       |
| Short stems..... | 4 00     |

### Rhea Reid

|                        | Per 100 |
|------------------------|---------|
| Extra long select..... | \$8 00  |
| Good length.....       | 7 00    |
| Medium length.....     | 6 00    |
| Short.....             | 4 00    |

### Maryland, Killarney, White Killarney, Kaiserin and Richmond.

|                        | Per 100        |
|------------------------|----------------|
| Extra select.....      | \$ 8 00        |
| Good length.....       | 6 00           |
| Medium length.....     | \$4 00 to 5 00 |
| Good short length..... | 3 00           |

### CARNATIONS

|                                         | Per 100               |
|-----------------------------------------|-----------------------|
| Extra fancy, long O. P. Bassett.....    | \$2 00 to \$3 00      |
| Fancy long pink and white.....          | 2 00 to 3 00          |
| Fancy seconds.....                      | 1 50                  |
| <b>HARRISH LILIES</b> .....             | per doz. 1 25         |
| " ".....                                | \$ 10 00              |
| <b>Lily of the Valley</b> .....         | 3 00 to 4 00          |
| <b>Select Pink and White Peas</b> ..... | 75 to 1 00            |
| <b>Peonies</b> .....                    | 5 00 to 8 00          |
| <b>Adiantum</b> .....                   | 1 00 to 1 50          |
| <b>Asparagus</b> .....                  | per string 60         |
| <b>Asparagus Sprays</b> .....           | 3 00 to 4 00          |
| <b>Ferns, New Mich</b> .....            | per 1000 2 00 to 2 50 |
| <b>Galax, Green</b> .....               | per 1000 1 00         |
| <b>Bronze</b> .....                     | per 1000 1 00         |
| <b>Smilax</b> .....                     | per doz. 2 50         |

**Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

### Chicago.

#### BUSINESS VERY LIGHT.

The conditions that usually prevail after one of the great floral days is very manifest in the market this week, trade being exceptionally dull at all the stores, with large quantities of stock of all kinds arriving throughout the day, with the ultimate result that much stock is going to waste. The inside stock is still showing the effects of the extreme hot weather of the two preceding weeks and much of it is very soft, having but little substance and consequently not lasting well, and unless immediately shipped can hardly be guaranteed to carry long distances. The trade during the week is generally reported as light, some dealers expressing it in even worse terms, and declare that it is the worst first week in June ever experienced in the history of the business, as the local trade is extremely flat, the retailers doing very little and buying very light. The only saving feature being the shipping trade which is holding up very well in some quarters. The complaints from the soft stock that had to be shipped at Memorial day are still being received and the necessary explanations forwarded. Generally speaking, however, the stock has improved and is in about the condition that it is usually found at this season of the year. Roses are being received in large quantities, the American Beauty growers are cutting very heavily and the counters of the large dealers in this rose are filled every morning with extra long-stemmed stock and large quantities of the short- or grades. The foliage and stem are all that could be asked for but the flowers are not in many cases of the highest quality, yet under the conditions that have prevailed are very good. Killarney is still of good quality and is in bountiful supply, but My

Maryland is of better quality and will soon replace the great favorite for summer use. Kaiserins are good and the best white rose, yet some White Killarneys are very fine. Carnations and sweet peas both still show the hard time they have passed through. The stock of both of these flowers is very soft and the sweet peas are approaching their end and are almost all short-stemmed, the only really long-stemmed ones being those that are cut with their foliage. Peonies are in great plenty and the blooms are much better than those that were on the market the week previous. Gladioli are fine, really the best flowers there are on the market. Orchids are good and plentiful enough to fill all orders and the same can be said of lily of the valley. Pond lilies can be seen in the retailers' windows and add a refreshing look on the warm, hot days. The warm weather, the poor stock and light business gives the pessimist a good chance to enlarge upon all his complaints.

#### NOTES.

With but few exceptions the cars in the automobile floral parade were decorated with artificial flowers, and some very startling effects were produced. The prize for the best car decorated with natural flowers was awarded to Mrs. Coey, whose auto was very nicely decorated with dark pink peonies, being literally covered with flowers. A. Lange, the enterprising florist on E. Madison street, had a very prettily decorated delivery wagon using peonies, hydrangeas and other shrubs.

The American Beauty roses that Poehlmann Bros. Co. is cutting from their young stock are of exceptionally fine quality, with good color, foliage and with stems three feet long. The other stock is also of good quality, especially the Killarney, My Maryland and Richmond roses.

## U S Budlong's E Blue Ribbon Valley.

Bassett & Washburn have had a very busy week and filled a large number of shipping orders for June weddings and school closings. The American Beauties that this firm is cutting are of good quality and the kind that stand shipment.

The new passenger terminal station of the Northwestern railroad, located on Madison street, between Canal and Clinton streets, was opened to the public Sunday, June 4, all its passenger trains now arriving and leaving from this depot.

The Ernst Weinhaber Co. has acquired from George L. Healy the property on Elm street, 225 feet east of State street, north frontage 50x173 feet, consideration not given out.

Schiller's office and workrooms are already too small for this firm's rapidly increasing business and Manager Asmus is now planning changes and additions.

Tim Matchen, the hustling manager at the Peter Reinberg store, has turned gardener and is now devoting his spare moments to planting his garden.

Manager Pyfer of the Chicago Carnation Co. filled an order for 25,000 carnations for a Buffalo florist on Friday, June 2.

E. H. Hunt's traveling representative, F. A. Longren, left Monday, June 5, for an extended business trip. August Lange says his May business was far ahead of that of last year.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone Randolph 35 CHICAGO, ILL.

## For June Weddings

Call on us for Orchids and Valley

## For Commencements

Call on us for  
Roses, Carnations, Peonies, Sweet Peas.

We will be especially strong on Roses and Carnations; all orders filled promptly.

**Short Roses, our selection, \$15.00 per 1000**

### CURRENT PRICE LIST

Subject to change without notice.

#### AMERICAN BEAUTIES

Per Doz.

|                |                                 |
|----------------|---------------------------------|
| Long, specials | \$3 00                          |
| 30-inch        | 2 50                            |
| 24-inch        | 2 00                            |
| 18 to 20-inch  | 1 50                            |
| Short          | Per 100, \$4 00, \$6 00, \$8 00 |

#### KILLARNEY, Special

Per 100

|        |                |
|--------|----------------|
| Fancy  | \$10 00        |
| Medium | 8 00           |
| Short  | \$4 00 to 6 00 |
|        | 3 00           |

#### RICHMOND, Special

Per 100

|        |                |
|--------|----------------|
| Fancy  | 10 00          |
| Medium | 8 00           |
| Short  | \$4 00 to 6 00 |
|        | 3 00           |

#### WHITE KILLARNEY, Special

Per 100

|        |                |
|--------|----------------|
| Fancy  | 10 00          |
| Medium | 8 00           |
| Short  | \$4 00 to 6 00 |
|        | 3 00           |

#### MY MARYLAND, Special

Per 100

|        |                |
|--------|----------------|
| Fancy  | 10 00          |
| Medium | 8 00           |
| Short  | \$4 00 to 6 00 |
|        | 3 00           |

#### PERLE, Select

Per 100

|        |      |
|--------|------|
| Medium | 8 00 |
| Short  | 6 00 |
|        | 3 00 |

Cattleyas..... per doz. \$1 00 to \$8 00

#### CARNATIONS,

Per 100

|                                                          |                |
|----------------------------------------------------------|----------------|
| Extra fancy Perfection, Victory, Beacon, Enchantress     | 3 00           |
| 1st grade Lawson, Winsor, Enchantress, Red, White Lawson | \$1 50 to 2 00 |

Harrisii Lilles, Callas..... 10 00

Valley..... 3 00 to 4 00

Sweet Peas, Butterfly..... 50 to 1 00

Pansies..... 75

Marguerites..... 1 00

Daisies, Shasta and Yellow..... 2 00

Peonies..... \$4 00 to 6 00

Plumosus Sprays, Sprengerl..... 3 00 to 4 00

Plumosus Strings, extra long...per string, 60c

Galax..... per 1000, \$1 25

Ferns..... per 1000, 3 00

Adiantum..... 75

Adiantum Croweanum..... 1 00

## POEHLMANN'S FANCY VALLEY EXTRA FINE HARRISII LILIES

We make these a specialty.  
Can supply them all the Year.  
Once tried you will have no other

Harry Manheim of Hoerber Bros. visited the firm's greenhouses at Des Plaines and found the stock looking in fine condition. Mr. Manheim says that they will have plenty of good outdoor stock for their customers this year.

Fred Schraumm and August Priebis of Park Ridge have finished planting their carnations and are now prepared for the summer work.

Frank Ayres of Chas. W. McKellar's had a painful operation performed upon his left eye on Saturday, June 3. The Batavia Greenhouse Co. are fill-

ing many orders for a fine grade of Festiva and Festiva Maxima peonies.

Vaughan & Sperry are pleasing their customers with an exceptionally fine grade of peonies and roses.

J. A. Budlong is showing a very good line of sweet peas considering the hot weather which has prevailed.

Chas. W. McKellar's growers are supplying him with a large quantity of Cattleyas gigas and Mossie.

The E. F. Winterson Co. is receiving some very fine water lilies in their daily shipments.

## U S Budlong's E Blue Ribbon Valley.

W. J. Keimel and family made an auto trip to Aurora and Geneva last Sunday.





# A Large Crop of Roses

## OF ALL THE BEST VARIETIES

The quality is as fair as the weather conditions will permit, and we can truthfully say that there are no better flowers coming into this or any other market.

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

### PRICE LIST:

#### AMERICAN BEAUTIES

Per doz.

Per 100

|                       |            |
|-----------------------|------------|
| Extra long stems..... | \$4 00     |
| 36 inch stems.....    | 3 50       |
| 30 inch stems.....    | 3 00       |
| 24 inch stems.....    | 2 50       |
| 20 inch stems.....    | 2 00       |
| 15 inch stems.....    | 1 50       |
| 12 inch stems.....    | 1 00       |
| Short stems.....      | .50c to 75 |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|              |                                 |
|--------------|---------------------------------|
| Ivory.....   | } Select..... \$6 00 to \$ 8 00 |
| Sunrise..... |                                 |
| Perle.....   | } Medium..... 4 00 to 5 00      |
|              |                                 |

Roses, our selection..... 3 00

Carnations, fancy..... 2 00

“ good..... 1 50

Harrisli..... 12 00

Valley..... 3 00 to 4 00

Adiantum..... 1 00

Asparagus, per bunch..... 50

Ferns, per 1000..... 3 00 to 4 00

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

#### Chicago and Milwaukee Florists Meet.

The joint meeting of the Chicago and Milwaukee Florists' Clubs, held at Milwaukee, June 2, was a most interesting one and was largely attended by members of both clubs. The Chicago delegation, 41 strong, made the trip in a special car via the Chicago and Milwaukee electric line, leaving Evanston at 6:00 p. m. and reaching Milwaukee at 8:00 p. m. Upon their arrival the visitors were met by the Milwaukee florists and escorted to the Hotel Blatz where President Hunkel of the Milwaukee Florists' Club promptly called the meeting to order. Upon motion of Wm. E. Dallwig the meeting was turned over to President Philpott of the visiting club who responded to an address of welcome by C. C. Pollworth. W. J. Keimel then read his paper on "Roses," and it was freely discussed by the many growers present. The fall flower shows were also discussed and it was the general opinion of those present that the managers of the different shows should get together and arrange the dates so that they would not conflict. This, it was said, would give the grower an opportunity to make the necessary arrangements to exhibit his stock at all the shows if he so desired. When President Hunkel heard that it was undecided whether Chicago would hold a fall show, on behalf of the Florists' Club he invited the visitors to attend

## If You Find Yourself Short

### AT ANY TIME

## WIRE US

We will have plenty of stock,  
as much as anyone.

**KENNICOTT BROS. CO.**  
**163 N. Wabash Ave., CHICAGO**

the show which is to be held at Milwaukee November 16-19.

H. V. Hunkel, Wm. E. Dallwig, C. C. Pollworth, Fred Holton, James Cur-



# FULL CROP OF ROSES

Try Some of Our **MRS. JARDINE**, the Finest **PINK ROSE** in the Market.

**CURRENT PRICE LIST**—Subject to change without notice.

| <b>BEAUTIES</b>                         |  | Per doz.     | Per 100      |
|-----------------------------------------|--|--------------|--------------|
| Extra Select.....                       |  | \$3 00       |              |
| 36-inch stem.....                       |  | 2 50         |              |
| 30-inch stem.....                       |  | 2 00         |              |
| 24-inch stem.....                       |  | 1 75         |              |
| 20-inch stem.....                       |  | 1 50         |              |
| 16-inch stem.....                       |  | 1 25         |              |
| 12-inch stem.....                       |  | 1 00         |              |
| Short stem.....                         |  | 75           |              |
|                                         |  | Per 100      |              |
| Killarney, select.....                  |  | \$ 6 00      |              |
| "    medium.....                        |  | 3 00 to 4 00 |              |
| Jardine (finest pink rose), select..... |  | 6 00         |              |
| "    medium.....                        |  | 3 00 to 4 00 |              |
| Bride, select.....                      |  | 6 00         |              |
| "    medium.....                        |  | 3 00 to 4 00 |              |
|                                         |  | Per doz.     | Per 100      |
| Maid, select.....                       |  |              | \$ 6 00      |
| "    medium.....                        |  |              | 3 00 to 4 00 |
| Uncle John, select.....                 |  |              | 6 00 to 8 00 |
| "    medium.....                        |  |              | 3 00 to 5 00 |
| Richmond, select.....                   |  |              | 6 00 to 8 00 |
| "    medium.....                        |  |              | 3 00 to 5 00 |
| Carnations, fancy.....                  |  |              | 2 00         |
| "    good.....                          |  |              | 1 50         |
| Easter Lilies, medium.....              |  |              | 12 50        |
| "    long.....                          |  |              | 15 00        |
| Valley.....                             |  |              | 3 00 to 4 00 |
| Ferns.....                              |  |              | 4 00         |
| Sprengerl and Asparagus Sprays.....     |  |              | 50           |

All Green Goods at market rates.

**ROSES, our selection, - \$4.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

rie, Wm. Currie and Nic. Zweifel of Milwaukee and H. E. Philpott, A. C. Kohlbrand, W. J. Keimel, P. J. Foley and Allie Zech of Chicago were the speakers of the evening contributing greatly to the making of the meeting enjoyable as well as instructive. After the meeting the participants were ushered into a dining hall where a bountiful lunch awaited them. Ample justice having been done to the good things served, President Philpott of the visiting club thanked the Milwaukee trade for the invitation to the meeting and the kind reception extended, concluding by asking the Milwaukee florists to bring a large delegation to Chicago, where the next joint meeting will be held, either in September or October.

## Milwaukee.

### GOOD DEMAND.

The demand for good roses and carnations has been very brisk all the week and the stock cleaned up at an early hour. Peonies are arriving in good condition and in quantities large enough to meet the demands. The Memorial day trade was very satisfactory although the stock suffered considerably from the warm weather of the previous week. The growers are now busy planting and making repairs to their greenhouses.

### NOTES.

Holton & Hunkel Co. are cutting an exceptionally fine grade of American Beauty roses and lily of the valley. The latter is of the first quality with large bells and splendid foliage. The three new houses which this firm recently erected will be devoted to the growing of Killarney roses.

James J. Quirk, a representative of the Eagle Lime Products Co., who manufacture a good soil tonic, is calling on the growers this week. He is meeting with much success and has already sold several carloads of what he says is the best soil tonic there is in existence.

The C. C. Pollworth Co. is cutting a good grade of Richmond and Killarney roses and a splendid grade of carnations, which are of exceptionally good quality, considering the weather that we have had the past week.

Currie Bros.' force has been working overtime to fill the many funeral or-

ders which they have received. The Memorial day business was exceptionally good and much better than last year.

G. H. Hunkel reports the seed business as rather quiet but says that the season on the whole has been a very satisfactory one, 30 per cent better than last year.

McKenna & Co. report trade brisk with plenty of funeral and wedding work. They have experienced a little trouble in securing good stock to fill their orders.

Miss E. M. Vollmar, of the Loveland Floral Co., filled a number of orders for two weddings last week which helped trade considerably.

James Chalona is again in charge of the store formerly conducted by C. L. Sherer, the change having been made June 1.

Nobos & Co. are enjoying a splendid transient as well as a good city trade at their store on Grand avenue.

J. Arnold is planning on building a new residence on the premises that adjoin his greenhouses.

The Walter M. Maas Co. filled a large number of out of town orders on Memorial day.

A. F. Kellner left June 2 for Appleton to arrange a large decoration.

James Fox & Son are kept very busy with funeral and wedding work.

Mueller & Schroeder are cutting some very good carnations.

## Albany, N. Y.

At the June meeting of the Albany Florists' Club an invitation was extended by Frederick Goldring to hold the July meeting at his place, Font Grove, Slingerland, on the evening of Thursday, June 6. The club for three years has held the meeting for this month at Mr. Goldring's and the invitation was at once accepted. Besides arranging for the next meeting the members had some interesting discussions on pertinent subjects. Charles Sanders mentioned the trouble caused by cut worms in beds out of doors. It was brought out by Mr. Goldring that melon growers in this section have a great deal of trouble with these worms and from their experience it is believed that the only remedy is to catch and to kill them. Experience with dandelions in lawns also afforded

## U S Budlong's E Blue Ribbon Valley.

an interesting topic. A discussion of an article in a trade paper suggesting that elimination of the weed is possible by cutting the plant off below the crown brought out the fact that the thing has been tried extensively in Washington park in this city with no success. Mr. Sanders had specimens of plants to show that even when cut off far below the crown dandelions still throw up shoots. In the park, too, it has been found that the plant will flower deep in the grass below the reach of either a lawn mower or a scythe and after being fertilized will throw up almost at once its long seed bearing stalk loaded with downy messengers of propagation, an astonishing example of plant adaptation to environment. The club decided to hold another clam bake this year at Henkes Brothers' grove, Newtonville, toward the end of August. President F. A. Danker left the arrangements in charge of a committee composed of Lewis Schaefer, Frederick Henkes, and Patrick Hyde. William Newport, H. Woodland, and R. D. Griffin were named a committee on sports. A letter was read from Patrick and Mrs. Hyde thanking the members for the gift of a handsome Morris chair received as a wedding present.

Reports of the presence of the brown tail moth, which has proved so destructive in Massachusetts, have been received from Jamaica, Long Island, by Raymond A. Pearson, state commissioner of agriculture. The first moth was found in the collection of butterflies made by a boy in Queens county and an investigation later by inspectors from the state department of agriculture resulted in finding adult brown tail moths under an electric light in Jamaica. A careful inspection of farms and gardens in the vicinity is being made. R. D.

# OUT OF TOWN FLORISTS

Who appreciate High Grade Stock will find it to their interest to write us for prices before placing their orders elsewhere.

## We are in Full Crop for June

with an exceptionally fine grade of Killarney, White Killarney, Richmond, Bride and Bridesmaid Roses and can supply you (in addition to the above flowers) with a choice grade of Beauties, Peonies, Carnations and Gladiolus. We have these in large quantities

## AND CAN FILL ALL ORDERS

promptly at a moment's notice. If you have not already placed an order with us, do so immediately and see what good care we take of our customers, by supplying them with first class stock. Stock that will stand shipment and arrive in good condition.

# HOERBER BROS.

Wholesale Growers of Cut Flowers

162 North Wabash Avenue,  
Greenhouses, Des Plaines, Ill.

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

### Terre Haute, Ind.

The bedding trade is now practically over, only a few odd jobs left. The parks, which were planted about May 10, are a blaze of beauty. All public planting this year was divided up among the local florists. Cowan Bros. & Co. planted Collett park, Fred Wunker the City park, Fourteenth street; Harry Richmond, Thompson park; Henry Graham, the planting at the State Normal and also for the Vandalia Railroad Co. The bedding stock never was better and everyone is sold out. Memorial day trade was unusually good this year, but the quality of the stock was very poor owing to the extreme hot weather which prevailed in this section the last two weeks; the drought also had an effect on the size of the flowers. Peonies promised to be just right for May 30, but orders which had been placed for that date had to be cancelled on May 28, stating they had all passed. One firm, who has three acres, lost about 10,000 blooms, another grower lost about 1,000, and some flowers that had been ordered outside came in such poor condition that they were returned to the parties who sent them, for they were worthless. Outdoor roses are almost a thing of the past and the ramblers are just coming into bloom, about four weeks ahead of other years. There has not been any rain to speak of for the past month, and everything is suffering for lack of water. The strawberry crop was entirely lost and unless there is rain very soon the corn crop will be seriously injured, if not a total failure.

### NOTES.

Fred Heinel has issued a call for a meeting of the Florists' Club. By-laws will be adopted at the meeting. We also hear of plans for a picnic some time in July.



## ORCHIDS

For June Weddings

Valley, Sweet Peas,  
Peonies, Orchids and  
all seasonable flowers  
and Supplies of all kinds.

Send for Price List.

**CHAS. W. MCKELLAR**

162 N. Wabash Avenue,  
**CHICAGO.**

Mention the American Florist when writing

N. B. Stover has purchased a beautiful home at 1731 Sycamore street and will move June 1. A conservatory will be built this fall in connection with the store.

Fred Wunker at Highland Lawn was simply swamped May 29. He said he did not know there were so many people in the city.

Minnie Duenweg, of Fred Heinel's, is sick at French Lick.

Mamie Breeden, of Stover's, is on the sick list. B.

**U S Budlong's**  
**E Blue Ribbon Valley.**

WESTBROOK, ME.—Ernest Conant has opened a flower store.



# Fancy Ferns, - \$2.00 per 1000



|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| New Crop Galax, Bronze or Green.....            | \$1.25 per 1000; 10,000 \$7.50             |
| Sphagnum Moss, large bales.....                 | \$1.25; 6 bales, \$7.00; Extra Fine        |
| Leucothoe Sprays, Green and Bronze.....         | \$1.50 per 100; \$7.50 per 1000            |
| Boxwood.....                                    | per bunch, 35c; 50-lb. case, \$8.50        |
| Magnolias, Brown and Green, Imported stock..... | per basket, \$2.50; 6 baskets, \$2.00 each |

Discount on orders of 10,000 or more. Florists in the Middle and Western States can save money by placing their orders with us. A trial order solicited.

## MICHIGAN CUT FLOWER EXCHANGE, Inc.

Wholesale Commission Florists and Florists' Supplies,

All Phone Connections.

DETROIT, MICH.

38-40 Broadway,

### Baltimore.

#### THE DROUGHT BROKEN.

At last we have had rain, and the drought, which was becoming a serious matter not only with the florists but also with the farmers, has been broken. Water was getting very scarce and stock was consequently suffering considerably, and the flowers were of inferior quality. Memorial day was very generally observed, and the demand for plants and flowers was large. There was, however, an over-supply of cut flowers, and business with the Market street men was disappointing, stock sold well the early part of the day, but by evening it was a case of selling at any price and missing no sales. Peonies sold well, especially the pink varieties, but there was a large quantity offered, making a glut on the market, and some sold as low as two cents each. The farmers were much to blame for this; they invariably overstock the market at this time, but usually maintain good prices. Roses are in good supply but not of average quality. It is difficult to procure first-class carnations, yet they are a glut on the market, the quality is so poor that the street boys are selling at any price they can obtain, and in many cases peonies are substituted for them. Callas are shortening up, but there is little demand. Sweet peas are in great supply but move slowly and at low prices. The quantity of greens is about adequate to meet the demand. Bedding plants are about sold out, but there is still a fair demand. Ferns have had a good sale this season.

#### NOTES.

A. G. Fiedler & Co., South Baltimore's leading florists, did an exceptionally fine business Memorial day. The sale of plants and flowers and the orders for funeral designs kept the large force very busy.

Andrew Anderson is not only an American Beauty rose grower; one house devoted to tomatoes is a sight to behold, and he has picked bushels of the vegetables from the plants this season.

H. J. Quick of Weadeg Cliff is erecting two new greenhouses 25x100 feet, and will install a 50-h. p. steam boiler. Mr. Quick is one of the largest growers of geraniums in the state.

Isaac H. Moss has his place at Govanstown in splendid condition; the place never looked better, and his rose houses are looking very fine.

Conrad Hess of Waverly had a good sale of fancy ferns in the Lexington Market June 3, keeping him busy all day.

A number of growers are short of chrysanthemum plants and are making inquiries for stock.

Frederick Reitz is cutting Harrisii lilies, but there is little demand for them.

## Loretta or Huckleberry, \$1.50 per case

A fine substitute for Southern Wild Smilax. Extensively used for June decorations. Order direct from our Southern Branch.

HENRY M. ROBINSON & CO.,

McWilliams, Ala.

F. C. Bauer has quite a surplus stock of pot plants still on hand.

J. L. T.

### Montreal.

#### THE SPRING RUSH.

The bedding season is in full swing and everybody is rushed, busy is no name for it. The amount of work connected with the sale and handling of the plants cuts the profit to very small figures at the prevailing prices, the cost of everything connected with their culture has steadily increased but the same old prices of long ago still prevail and are often lowered by some nervous competitors. The demand this year has been very good, especially for large plants and vines for window-boxes and rustic stands. Geraniums sold well if they were good but it is hard to dispose of poor stock. Vegetable plants were in large demand and brought good prices. The season has been very dry and unusually hot, but lately there has been some relief. Very little could be planted and those who attempted it had to replant much. This has been one of the worst seasons for the nurserymen, the spring was so short that it might be called no spring at all. The ground could not be worked until the middle of May and then the hot weather came on and within a week we were in the middle of summer. There was not more than two weeks for planting at the most, before trees and shrubs were rushed into foliage. The winter has been very severe, shrubs and perennials and even large trees have been partially or totally killed, newly planted perennials planted last fall suffered badly.

#### NOTES.

P. McKenna & Son are erecting a large greenhouse 60x200 feet for general pot plants and chrysanthemums in benches. Their new auto-delivery car is the first in this city for carrying floral products.

S. S. Bain is making his new store the best equipped in the city. He has a large assortment of bedding plants which he could handle much more profitably could he obtain experienced help.

Hall & Robinson have been rushed with the many orders received.

LUCK.



Mention the American Florist when writing

## George Cotsonas & Co.

Wholesale Retail Dealers

in all kinds of

Evergreens

Fancy and Dagger

Ferns, Bronze and

Green Galax, Holly,

Leucothoe Sprays,

Princess Pine, Etc.

Delivered to all parts of United States and Canada

127 W. 28th St., bet. 6th & 7th Aves., New York

Telephone 1202 Madison Square.

Mention the American Florist when writing

## Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and Natural Sheet **MOSSSES**

Quality and service unequalled.

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

SEND US YOUR ORDERS FOR

## HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.

Same size cases as Wild Smilax, \$2.50.

Caldwell the Woodsman Co.

EVERGREEN, ALA.

ROCHESTER, N. H.—Elihu A. Corson is making preparations for the erection of an addition to his greenhouse plant this summer.

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

St. Louis.

EXTREMELY HOT WEATHER.

The torrid weather continues, outside stock is nearly burnt up and inside stock has suffered greatly. Roses arrive in a very soft condition and open quickly, and carnations are wilted when the boxes are opened. The conditions of the market at Memorial day were greatly influenced by the weather, the prices being lower and the quality inferior. A fine lot of candidum lilies is seen in the market and some extra fine tuberoses.

### NOTES.

The Missouri Botanical Gardens were beautiful June 1, the bright flower beds were a sight worth going to see and the air was fragrant with sweet bay. More than 7,000 persons visited the gardens that day and many were doubtless prevented from going by the excessive heat of the day.

Vincent Gorly of Grimm & Gorly desires to express through the trade press his thanks to the Florist Hall Association for the prompt settlement of claims which were caused by the recent hailstorm.

The twenty-second annual banquet of gardeners, florists and nurserymen, provided for in the will of the late Henry Shaw, will be given at the Southern Hotel Thursday, June 15, at 7 p. m.

Ostertag Bros. have had additional refrigerators installed in the rear of the store. Henry is a hustler, ably assisted by Will Sanders, an old timer, but up to date.

Robert J. Windler reports trade as good notwithstanding the hot weather. He always has a fine grade of cut flowers.

The W. C. Smith Wholesale Floral Co. is now receiving some of the best ferns seen in this market.

The M. M. Ayres Floral Co. arranged several sprays of orchids for a funeral last week.

Planting out is nearly finished and a shortage in some varieties of bedding stock is reported.

All the wholesale houses close at 5 o'clock during the week and at noon on Saturdays.

The convention of the American Association of Nurserymen will keep all hands busy.

W. F.

### Wichita, Kans

"Decoration Day," as it is popularly styled in this section of the country, held its own in the record for good business. While exact figures have not yet been available, it is a safe guess that the volume of business done will show an encouraging increase over that of last year. There was, generally speaking, ample supplies of cut flowers, although a shortage of good carnations developed early Monday, and of course blooming geraniums were closely cleaned up with calls for more, which had to be satisfied by turning the customer's attention to other stock. Weather conditions were almost per-

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, June 7.                              | Per doz.     |
|-----------------------------------------------|--------------|
| Roses, Beauty, specials. ....                 | 3 00         |
| " " 30 in. ....                               | 2 50         |
| " " 24 in. ....                               | 2 00         |
| " " 18 to 20 in. ....                         | 1 50         |
| " Shortstem. ....                             | 75 @ 1 00    |
| Per 100                                       |              |
| " Killarney. ....                             | 3 00 @ 10 00 |
| " White Killarney. ....                       | 3 00 @ 10 00 |
| " Richmond. ....                              | 3 00 @ 10 00 |
| " My Maryland. ....                           | 3 00 @ 10 00 |
| " Cardinal. ....                              | 3 00 @ 6 00  |
| Bride. ....                                   | 3 00 @ 8 00  |
| Bridemaid. ....                               | 3 00 @ 8 00  |
| Rhea Reid. ....                               | 3 00 @ 8 00  |
| Mr. Jardine. ....                             | 3 00 @ 8 00  |
| Perle. ....                                   | 3 00 @ 6 00  |
| Carnations. ....                              | 1 50 @ 2 00  |
| " fancy. ....                                 | 3 00         |
| Daisies, Shasta and Yellow. ....              | 2 00         |
| Gladiolus. .... per doz. 1 00 @ 1 50          |              |
| Harrist and Callas. .... per doz. 1 50        |              |
| Marguerites. ....                             | 1 00         |
| Mignonette, large spikes. ....                | 4 00         |
| Orchids, Cattleyas. .... per doz. 4 00 @ 6 00 |              |
| Peonies. ....                                 | 4 00 @ 6 00  |
| Sweet Peas. ....                              | 50 @ 1 00    |
| Valley. ....                                  | 3 00 @ 4 00  |
| Adiantum Crowneum. ....                       | 3 00         |
| Forget-me-not. .... per 100                   | 1 25         |
| Galax. ....                                   | 75           |
| Leucothoe. ....                               | 60           |
| Plumosa String. .... each                     | 2 00 @ 3 00  |
| Smilax. ....                                  | 3 00 @ 4 00  |
| Sprenger, Plumosa Sprays. ....                | 3 00 @ 4 00  |
| Wild Smilax. .... per case.                   | 5 00         |

fect and very early Monday morning the question confronting the florist was, "How much can we do," rather than "how much demand will we have?" Prices were about the same as previous years, but there was possibly a slightly lessened demand for made-up design work. As on previous occasions, most of the florists worked practically all of their force till midnight of May 29, while the Boss and a few "favored ones" put in practically the entire night in getting stock in shape and packing orders for next morning's delivery. The early maturing of the Cape jasmine crop in Texas promised a shortage in that important item for this season. This was, however, successfully averted by putting carefully selected stock in local cold storage, an experiment which was quite satisfactory. The supply of peonies was largely handled the same way. Peonies that were locally stored and brought to the florist's shop as needed, allowing time to open, gave better satisfaction than cold storage stock which had to stand a 12 to 24-

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

70 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange All Departments. If you do not receive our price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3619.

## Percy Jones

56 E. Randolph St., CHICAGO

## John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., CHICAGO

ROSES and CARNATIONS

Our Specialties.

## U S Budlong's E Blue Ribbon Valley.

hour trip after coming out of storage before it got into the retailer's shop. W. I. CHITA.



## YOUNG ROSE STOCK

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.

Asparagus P.N. and Asp. Sprenger Seedlings  
SEND FOR PRICES

W. H. ELLIOTT,

Brighton, Mass.

## WELCH BROTHERS,

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley,  
Carnations, Killarney, Richmond, Maryland  
and other seasonable stock.

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Both L. D. Phones.

Supplies and Everything in Season always on hand

## CHIFFONS

(About 35 to 40 yards to piece.)

Plain (any color). 4 in. wide..... 3c yard  
" " " 6 in. wide..... 4c yard  
" " " 12 in. wide..... 6c yard  
Fancy Chiffons and other ribbons at equally low prices.

GEO. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

Boston.

BUSINESS GOOD.

It has been a generally accepted fact that after a holiday there is a slump in trade, but ever since Memorial day, trade in all lines has been good, and it is expected that the call for inside flowers this summer will be better than ever, partly on account of the hot weather we have had, and also the great drought. Sweet peas, we are told, are almost gone, and what are coming in are small and show signs of the struggle they have had. One large grower has already thrown his sweet peas all out. We used to have inside sweet peas until July, then the flowers from those planted outside came in, but as things look now, there is no telling if there will be any, and by the way asters are being eaten by the cut worms they will be a scarce article. There is a fortune for the person to come forward with a remedy that will kill this "cuss," and all his healthy family. In the old country, we used gas lime to kill wire worms, and if it could be got here I think it would make short work of the cut worm. There is no patent on this and the prescription is free. Peonies are coming in and they are very good.

NOTES.

Welch Bros. report the greatest Memorial day trade they ever had. They received permission from the Public Commissioner to do business, Sunday, May 28. Puritan Boston forbids any such business, but it was stated in the permit that this case was considered a necessity. The American Express Co. placed a team at their disposal for three days.

N. F. McCarthy & Co. had the greatest trade on roses at Memorial day they ever had. They report bedding stock selling better in the auction rooms than ever before. Their second importation of bay trees has just arrived and they are certainly a fine lot. A third lot is on the way direct from Belgium.

William Nicholson, of Framingham, has a novelty just now which sells at sight. It is the Roc-y Mountain columbine. They have tried it for some years, but they have met with their greatest success the present season. The retailers pick it up very quickly.

H. M. Robinson & Co. say it was the best Memorial day they have had and far exceeded their expectations. Loretta, a substitute for southern smilax, they have in quantity just now.

## HOLTON &amp; HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## Wholesale Flower Markets

| BOSTON, June 7.            |       | Per 100 |
|----------------------------|-------|---------|
| Roses Beauty, best         | 25 00 | 25 00   |
| " " medium                 | 15 00 | 15 00   |
| " " culls                  | 2 00  | 4 00    |
| " " Bride, Bridesmaid      | 2 00  | 6 00    |
| " " Extra                  | 4 00  | 8 00    |
| " " Killarney and Richmond | 2 00  | 8 00    |
| " " My Maryland            | 2 00  | 8 00    |
| " " Carnot                 | 2 00  | 8 00    |
| Carnations, select         | 1 00  | 2 00    |
| " " fancy                  | 2 00  | 3 00    |
| Callas                     | 8 00  | 12 00   |
| Cattleyas                  | 6 00  | 12 00   |
| Gardenias                  | 6 00  | 12 00   |
| Lilium Longiflorum         | 8 00  | 10 00   |
| Lily of the Valley         | 2 00  | 4 00    |
| Smilax                     | 12 00 | 16 00   |

| MILWAUKEE, June 7.      |       |       |
|-------------------------|-------|-------|
| Roses Beauty, per doz.  | 75 00 | 3 00  |
| " " Bride               | 4 00  | 8 00  |
| " " Killarney           | 4 00  | 8 00  |
| " " Richmond            | 4 00  | 8 00  |
| " " Kaiserin            | 4 00  | 8 00  |
| Carnations              | 1 50  | 3 00  |
| Lilium Giganteum        | 6 00  | 10 00 |
| Lily of the Valley      | 3 00  | 4 00  |
| Snagdragons             | 50 00 | 1 00  |
| Sweet Peas              | 50 00 | 1 00  |
| Adiantum                | 25 00 | 1 50  |
| Asparagus               | 50 00 | 1 50  |
| " " Plumosus, per bunch | 35 00 | 50 00 |
| " " Sprenger            | 25 00 | 50 00 |
| Boxwood                 | 25 00 | 50 00 |
| Ferns, Fancy            | 25 00 | 50 00 |
| Galax                   | 1 50  | 50 00 |
| Magnolia                | 35 00 | 50 00 |

| ST. LOUIS, June 7.        |       |       |
|---------------------------|-------|-------|
| Roses, Beauty, long stems | 20 00 | 20 00 |
| " " medium stems          | 20 00 | 25 00 |
| " " short stems           | 2 00  | 3 00  |
| " " Bride, Bridesmaid     | 5 00  | 8 00  |
| " " Killarney             | 5 00  | 8 00  |
| " " My Maryland           | 5 00  | 8 00  |
| " " Richmond              | 5 00  | 8 00  |
| Carnations                | 1 00  | 2 00  |
| Easter Lilies             | 12 50 | 15 00 |
| Valley                    | 3 00  | 4 00  |
| Adiantum                  | 1 25  | 2 00  |
| Asparagus Sprenger        | 2 00  | 3 00  |

| CINCINNATI, May 31.   |       |       |
|-----------------------|-------|-------|
| Roses, Beauty         | 1 00  | 4 00  |
| " " Bride, Bridesmaid | 2 00  | 6 00  |
| " " Golden Gate       | 2 00  | 6 00  |
| " " Killarney         | 2 00  | 6 00  |
| " " Richmond          | 2 00  | 6 00  |
| " " Pres. Taft        | 3 00  | 8 00  |
| Carnations            | 2 00  | 3 00  |
| Callas                | 8 00  | 10 00 |
| Lilium Longiflorum    | 10 50 | 12 50 |
| Lily of the Valley    | 3 00  | 4 00  |
| Sweet Peas            | 50 00 | 75 00 |
| Adiantum              | 1 00  | 1 50  |
| Asparagus Plumosus    | 25 00 | 50 00 |
| " " per string        | 50 00 | 1 50  |
| Asparagus Sprenger    | 25 00 | 50 00 |
| Smilax                | 12 50 | 15 00 |
| Fonies                | 3 00  | 4 00  |
| Iris                  | 2 00  | 3 00  |

Martin Lally, of the Boston Rose Co., leaves that concern to accept a position with another firm, July 1.

MAC.

BROOKLYN, N. Y.—Florists and others carrying flowers to Evergreen cemetery on Memorial day found great difficulty in obtaining water in which to place them, causing much complaint and disappointment.

TRY MY PRICES.

J. JANSKY, Tel. Main 36521, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50-lb. case \$7.50; by the lb., 25c. Laurel Wreath, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

Mention the American Florist when writing

## RICE BROTHERS

Wholesalers of Cut Flowers  
and Florists' Supplies.

Minneapolis, Minn.

Mention the American Florist when writing

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

Cleveland.

BUSINESS GOOD.

The month of May has been a very busy and prosperous one, Mothers' day this year helping the amount of total sales considerably, and Memorial day business was very good, stock of all kinds was plentiful and prices moderately low. The local crop of peonies helped materially, as the stock was far above any stock shipped to this market, which was proved conclusively by duplicate orders. Gladioli and Easter lilies were a big factor in Memorial or spirea, were conspicuous by their absence. Carnations and roses were plentiful and cleaned up well, although carnations are small for this time of the year. Sweet peas are not over-plentiful and good stock is hard to get. There has been a scramble to obtain smilax all the month, and what stock comes in is short and thin. Orchids find a good sale and lily of the valley is sold in large quantities. American Beauty roses are holding up nicely. Water lilies are beginning to arrive. Lilac had a short season. Greens of all kinds are quite plentiful with good demand and long adiantum is having a fine call. Roses for funeral work are plentiful.

C. F. B.

# 3,500 American Beauties

2-inch pots, \$50.00 per 1000.

Fine healthy plants. Ready for immediate shipment.

THE LEO NISSEN CO.,

Business Hours: 7 a. m. to 8 p. m.  
1209 Arch St.,

Philadelphia, Pa.

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA

Cincinnati.

TRADE AND WEATHER GOOD.

The weather man is at last showing us some consideration. Since the evening of Decoration day he has managed to give us quite a few thunderstorms and some rain. The rain on last Tuesday evening, the first for a long time, was of a substantial kind that makes you think the whole heavens were coming down at once. Since then he has remembered us handsomely with a few showers and even at this writing promises more before tomorrow morning. The nights, too, are now such that they are comfortable for both men and flowers. The supply of flowers is as a whole adequate for all requests. Now and then something runs short but this lasts for perhaps only throughout the day. There will be a heavy drain upon the market the latter part of this week when the local high schools have their joint commencement exercises and the Conservatory of Music and College of Music confer their diplomas. Many recitals of students of the numerous musical and dramatic schools take their quota of blooms. In roses the bright feature is the Taft. Its larger buds, keeping qualities and good stem make it eagerly sought by the buyers. It far outstrips anything in the market in summer roses. The Killarney, too, are good and find ready sales. The supply of red is running short, but after this week it will hardly find much favor with the buyers, for then the largest part of the commencement work will be over. Ivory is holding up nicely during the hot weather, while Brides and Bridesmaid clearly show the effects of the heat. The carnation market is good considering the large amount of stock coming in. Clean-ups are next to impossible except at the very lowest prices. All colored sorts plainly show the effect of the hot weather. Lily of the valley has been none too plentiful. Lilies are more than adequate for demands, while callas are about at an end for the season. Some very fine gladioli come into town regularly. Sweet peas drag somewhat when compared to the way in which they have moved during the past several weeks. Sweet williams have found some favor with those wanting very cheap flowers. Peonies, feverfew and candy-tuft are also offered. The green goods market is ample. Southern ferns are getting longer and better and more available for use. A few eastern ferns have appeared in the market.

### NOTES.

Revenge is believed to have been the motive of the burglary of the wholesale florist's establishment of Peter J. Olinger & Co., 120 East Third street, but Olinger declares he has no idea who is the marauder or what his fancied grievance. The burglar stole little of value, but wantonly destroyed more than \$50 worth of flow-

## Wholesale Flower Markets

| PHILADELPHIA, June 7. |            | Per 100     |
|-----------------------|------------|-------------|
| Roses, Beauty, extra. | 20         | 000225 00   |
| " " first.            | 10         | 000215 00   |
| " Brides and Maid.    | 4          | 0002 8 00   |
| " Killarney.          | 4          | 0002 10 00  |
| " White Killarney.    | 4          | 0002 10 00  |
| Callas.               | 8          | 0002 10 00  |
| Cattleyas.            | 25         | 000250 00   |
| Forget-me-nots.       | 2          | 0002 4 00   |
| Geranias.             | per doz.   | 2 0002 3 00 |
| Lilium Harrisi.       | 6          | 0002 10 00  |
| Lily of the Valley.   | 3          | 0002 5 00   |
| Mignonette.           | 3          | 0002 6 00   |
| Peonies.              | 3          | 0002 8 00   |
| Snapdragons.          | 4          | 0002 12 00  |
| Sweet Peas.           | 400        | 1 00        |
| Adiantum.             | 1          | 0002 1 50   |
| Asparagus.            | per bunch. | 50          |
| Smilax.               | 15         | 0002 20 00  |

| PITTSBURGH, June 7.             |    | Per 100   |
|---------------------------------|----|-----------|
| Roses, Beauty, special.         | 15 | 000220 00 |
| " " extra.                      | 10 | 000212 00 |
| " " No. 1.                      | 5  | 0002 5 00 |
| " Bride Bridesmaid.             | 2  | 0002 6 00 |
| " Chateaux.                     | 2  | 0002 6 00 |
| " Killarney.                    | 2  | 0002 6 00 |
| " My Maryland.                  | 2  | 0002 6 00 |
| " Richmond.                     | 2  | 0002 6 00 |
| Carnations.                     |    | 2 00      |
| Cattleyas.                      |    | 50 00     |
| Lilium Longiflorum.             |    | 10 00     |
| Lily of the Valley.             |    | 4 00      |
| Sweet Peas.                     | 50 | 1 00      |
| Adiantum.                       |    | 1 00      |
| Asparagus Sprengeri, per bunch. | 35 |           |
| " strings, per string.          | 35 |           |
| " sprays, per bunch.            | 35 |           |
| Peonies.                        | 3  | 0002 4 00 |
| Smilax.                         |    | 15 00     |

ers. A man was seen lurking in the vicinity of the store early Saturday evening and is believed to have been the vandal. The burglary was discovered Monday when the florist's shop was opened.

Frank Farney, representing M. Rice & Co., Philadelphia, was here the early part of last week as jovial and busy as ever.

The Cincinnati Florists' Society will hold its regular monthly meeting on Monday, June 12.

### Davenport, Ia.

Never in the history of the local trade was there such a rush for bedding stock as occurred the last two weeks in May,—last year's experience in having everything frozen the middle of the month made buyers more cautious and in consequence the florists were rushed to death when the plant trade opened. More stock was sold this year than ever before, with prices about the same as in former years. A few of the smaller growers tried to give plants away, selling geraniums and other stock below the wholesale prices. Why they do this when the higher price is easily obtained is more than we ever had with enough stock to meet the demand. Peonies were in their glory, and sold well, the stock being extra fine this year.

We are receiving a fine line of

## ORCHIDS

Peonies, Beauties, and all flowers that are in season.

THE McCALLUM CO., Inc.  
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you want them. Ask for prices.

Asparagus Plumosus Strings at..... 50c

Roses were in bloom in the gardens as were also sweet peas and other outdoor flowers, this being the first year we have ever seen roses in bloom on and before Memorial day. Every plant in bloom, and nearly everything in the way of cut flowers, was sold out clean; the day was pleasant and everybody was able to get out to the cemetery, so taken all in all, this has been a banner spring business.

T. E.



## New York.

## CLUB MEETING.

The regular meeting of the New York Florists' Club will be held Monday evening, June 12, when addresses will be made by J. G. Ester on "Hall" and L. W. C. Tuthill on "Advertising." The Bowling Club will meet on Monday afternoon, June 12, and on every Friday evening. The scores June 2 were as follows:

|              |          |     |     |
|--------------|----------|-----|-----|
| Chadwick     | .....217 | 101 | 224 |
| Scott        | .....194 | 148 | 131 |
| Irvine       | .....170 | 180 | 165 |
| Richards, W. | .....195 | 172 | 163 |
| Richards, A. | .....178 | 169 | 132 |
| Shaw         | .....114 | 141 | 158 |
| Kakada       | .....132 | 134 | 118 |
| Manda        | .....162 | 198 | 181 |
| Nagout       | .....109 | 113 | ... |
| Nagout       | .....105 | 124 | ... |
| Holt         | .....108 | 99  | ... |
| Eldering     | .....108 | 99  | ... |

## Philadelphia.

## WARM WEATHER AFFECTS STOCK.

The June weddings of the past week lived up to business considerably, there being several of these important affairs at which the decorations were quite elaborate. Peonies were largely used as were American Beauty roses. The peony market was largely overstocked while the Beauties cleaned up fairly well every day at good prices. There was a large outside demand for Beauties, one order of over 1,000 making quite a dent in the stock. Lily of the valley was in good demand as it always is in the wedding season. Sweet peas were not up to the mark either in supply or quality, the dry weather being responsible for the troubles here. Luckily copious rains have fallen the past few days and all outside stock should now improve. Carnations are fast showing the effects of the heat and are much smaller. The Kaiserin rose is now queen of the whites, the White Killarney being off color, quite single, and opening out quickly. Double white petunias are now to be had in quantity and are much in demand for funeral work. Snapdragon is feeling the effects of the heat and will not last much longer, it being pretty well cut out. Much of this stock that has come to the market the past month has been very poorly handled. Surely the growers do not give this stock the care they should. The trouble is either with the staking or later with being left too long in the shipping box, when it turns up at the ends making it crooked and consequently unsaleable. We believe, broadly speaking, that ten per cent or even more of the stock that comes to market is not saleable from causes, such as being cut too soon or not soon enough, from not being given an hour or two longer in water, from being crowded into too small boxes, or careless picking that allows the contents to fall to one end and get bruised, etc. All of these errors could be avoided by a little care and foresight.

## CLUB MEETING.

There was a fair attendance at the June meeting of the Florists' Club held Tuesday evening, June 6. The special feature was the paper of Mrs. S. I. Smith of Seacane, Delaware Co., on "Violets and Carnations." This proved very interesting, pertaining not so much to the culture of the flowers named as to the history of her achievement in establishing a profitable business from a very small beginning. It is believed to be the first paper prepared by a lady member of a florists' club in this country and will no doubt be received with interest by the many women now engaged in the business. At the July meeting Paul Heebner will read a paper, the subject of which will be "Railroad Gardening." Bowling nights for those wanting to keep the convention team are Monday and Thursday evenings in June.

## NOTES.

The interest in the rose display at Dreer's increases as the season advances and the grounds are crowded each day by enthusiastic lovers of the rose or those who become converted by the overpowering loveliness of the beautiful display. Roses about the lawns of the private dwellings are highly prized by the owners but there is not room to try out but a few of the many beautiful varieties now considered standard sorts and which list is rapidly increasing. In every public park in this country there should be a rose garden, grounds set apart and arranged so that when planted there would not only be sufficient room for the proper display and growth of the roses, but so that the great crowds that would come to enjoy the display would have ample space to view them from on foot or in vehicles and also provide seats and plenty of them for the spectators who would desire to rest in the beautiful places and enjoy it to the full. When such a seasoned grower and dealer as Jacob C. Elsiele goes almost daffy in his enthusiasm over the collection to be seen at Riverton what would the effect be on the average rose lover of an elaborate display such as could be placed and kept in our principal parks and for a comparatively small sum, in fact, infinitesimal for the pleasure it would give.

K.

## Buffalo.

## BETTER WEATHER.

We have at last got the weather on the right track and conditions are more favorable. The weather preceding Memorial day was simply terrific, consequently flowers that are always to be depended upon were gone, and those that are staple, especially carnations, were so small it was a shame to offer them for sale. Harrisii lilies were the only flower that withstood the heat and they were used in everything. Wreaths of magnolia, boxwood, and galax were very much in demand this year and as the weather was so unfavorable they were very acceptable. Peonies very gracefully kept back until the day after Memorial day, and have been a great help ever since. Roses, sweet peas and other flowers have been poor, but are showing improvement now. It is many years since the patience of the greenhouse man has been so sorely tried as this year. The unusually warm weather in May led many to believe that they had neglected their ordering of veranda boxes, etc., and all wanted them at once. Those that were last are the ones that are the best pleased, for the early planting was very hard on all boxes, baskets and cemetery vases. The demand for saw work of every description is larger than last year, box trees, bay trees, vases, veranda boxes and bed planting has been good. The only thing to look forward to is that the greenhouse man will be through earlier than usual.

## NOTES.

Again, and so suddenly, it has taken us a week to collect ourselves and write about it, the florists have had another wedding, not an employee, but in the front ranks. The quiet of Kasting's was rudely disturbed last month when the announcement that Miss Rachel M. Rebstock had joined the matrimonial colony and forsaken those who had looked upon her as the one woman to run a successful business without a man to boss it, but he came at last. He was no layman but a man with a prefix; it is now Mrs. Captain Johnson. We extend our heartiest congratulations to the newly-wedded and wish them every joy that can come to them.

S. A. Anderson had three men in Olean last week taking care of the

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BROOKLYN, N. Y.

floral arrangements for the funeral of a prominent man who was killed in an automobile accident in that city. Flowers were sent from several places and all arrangements were in Mr. Anderson's care.

Phonetic spelling was urged by President Roosevelt during his administration without success, but a recent recruit in the flower business has tried it and spells mignonette this way: min-yon-net, and he was very serious about it, even willing to argue the question.

Notices have again been sent out and the Buffalo Florists' Club may have a meeting under the newly-elected officers. There is plenty of time yet, nine more months to call one if they should miss again.

Visitors: C. B. Knickman of McHutchinson & Co., New York; S. L. Green of H. Bayersdorfer & Co., Philadelphia, Pa.

BISON.

## Pittsburg.

## MARKET OVERSTOCKED.

The beginning of June finds the market overcrowded with almost everything, and while lots of stock is dumped, yet business is good for this time of the year. Naturally, commitments and weddings are responsible for the greater part of it. American Beauties are in strong demand and clean up daily. Red roses would sell well if they did not fly open so soon. Good pink roses have healthy calls as well as fine Kaisersins. Outdoor peas are still scarce. Miniature gladioli sell well, and the large varieties clean up on sight.

## NOTES.

Wm. Potter of The McCallum Co. is resting up after the Memorial day rush by spending a week on Lake Erie.

Mrs. E. A. Williams is cutting a very fine lot of Spanish iris.

J.

## Yonkers Horticultural Society.

The regular meeting was held in Wiggins Hall, Yonkers, N. Y., June 2. The executive committee made a most satisfactory report with regard to the coming show, the prize money being already assured. H. Nichols, superintendent for H. Trevor, exhibited a fine collection of sweet peas, and received a cultural commendation. A similar award was made to L. Milliot for some fine glloxinias. The next meeting, July 7, will be of a social character and T. Mahony, W. Macdonald and J. Hoffman were appointed a committee to make the necessary arrangements.

H. M. B.

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**Wholesale Flower Markets**

| New York, June 7.                    |             |
|--------------------------------------|-------------|
| Rose, Beauty, special.....           | 10 00@70 00 |
| " " extra and fancy.....             | 5 00@8 00   |
| " " No. 1 and No. 2.....             | 1 00@3 00   |
| " " Bride, Bridesmaid, special.....  | 3 00@5 00   |
| " " extra and fancy.....             | 2 00@3 00   |
| " " No. 1 and No. 2.....             | 50@1 00     |
| " " Killarney, My Mary Ind. spl..... | 3 00@5 00   |
| " " extra and fancy.....             | 2 00@3 00   |
| " " No. 1 and No. 2.....             | 50@1 00     |
| " " Richmond.....                    | 1 00@2 00   |
| Carnations.....                      | 1 00@3 00   |
| Callas.....                          | 4 00@5 00   |
| Cattleyas.....each.....              | 35@ 75      |
| Gardenias.....per doz.....           | 50@2 00     |
| Lilium Longiflorum.....              | 2 00@5 00   |
| Lily of the Valley.....              | 1 00@3 00   |
| Sweet Peas.....per doz.bchs.....     | 35@1 00     |

| BUFFALO, June 7.                          |             |
|-------------------------------------------|-------------|
| Roses, Beauty, special.....               | 20 00@25 00 |
| " " fancy.....                            | 15 00@20 00 |
| " " extra.....                            | 10 00@12 00 |
| " " No. 1.....                            | 8 00@10 00  |
| " " No. 2.....                            | 20@3 00     |
| " " Bride, Maid, Killarney.....           | 2 00@6 00   |
| " " Killarney, White and Pink.....        | 2 00@8 00   |
| Carnations.....                           | 1 50@2 00   |
| Callas.....                               | 6 00@8 00   |
| Daisies.....                              | 1 00@1 50   |
| Lilium Longiflorum.....                   | 6 00@8 00   |
| Lily of the Valley.....                   | 3 00@4 00   |
| Mignonette.....                           | 2 00@3 00   |
| Peonies.....                              | 3 00@5 00   |
| Sweet Peas.....                           | 40@ 75      |
| Adiantum Crownatum.....                   | 75@1 50     |
| Asparagus per bunch.....                  | 35@ 50      |
| Asparagus Sprengeri.....                  | 35@ 50      |
| Asparagus Str.....                        | 1 00@1 50   |
| Ferns.....per 1000.....                   | \$2 00      |
| Galax, green and bronze.....per 1000..... | 1 00        |
| Smilax.....                               | 15 00       |

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Mention the American Florist when writing**Moore, Hentz & Nash,**

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American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

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## European Horticulture.

FROM THE FRENCH TRADE PAPERS.

The Japanese Radish or Daikon.—This new vegetable, shown recently in France, is of wonderful productiveness, and is freely used in Japan, both for human consumption and for feeding stock; eight varieties were tested, the best being Mia-Ohige, the longest variety, sometimes reaching five feet in length. The flavor is reminiscent of the turnip, without its watery quality, and still is quite characteristic; it is nourishing and should be a good diabetic food, as it contains no sugar. Seed should be sown at the end of July, on light, deep, clay-like soil, heavily manured with cow manure; germinating in four or five days, the plants make a rapid growth and are ready for use in two and a half to three months. The flavor of the raw Daikon is that of the black radish, but it loses the piquant flavor in cooking. All the Daikons are eaten with meat, and it is predicted that when known they will become popular.

*Primula Cockburniana*.—Discovered in Western China, in 1890, by E. H. Wilson and introduced by James Veitch & Son. Native of moist prairies of high altitude, this new *primula* is a perennial; leaves are almost smooth, oval oblong, rounded at the tip, narrow at the base, finely toothed, and lightly powdered on the under side; flower stalks stiff, bare, 10 to 12 inches high, in clusters, and each bearing three to five whorls of five to eight small flowers of a very handsome fiery orange red. It is not to be recommended as a variety for ordinary open air culture, although it is apparently hardy; it seems to be a little difficult in the matter of location and soil; if, however, as seems likely, hybridizations between related species of *primulas* are possible, what may we not expect in the way of color and freedom of bloom from the descendants of this variety?

Krelage & Son's Jubilee.—In the month of April the firm of Krelage & Son, of Haarlem, celebrated their centennial. An exhibition of diplomas, certificates of merit and medals showed the continual success of this noted firm, and a veritable library of publications illustrated their contributions to the science of horticulture. Twelve of their gardeners have passed forty years in the service of this firm, which at present specializes in bulbous plants. At the Jubilee, a large painting of a field of Darwin Tulips was presented to Ernest Krelage, the present head of the firm, and many pleasant speeches were made.

*Begonia Aurore*.—A new *begonia* of V. Lemoine, *Pis. filis*, issue of the same cross which produced *P. Pattrie*, of a color resembling that of the ordinary tuberous *begonia*, leaves rounded, dark green, somewhat leathery; the inflorescence very compact, crowning the plant, consisting of numerous crowded flowers, attaining a diameter of two inches, the male flowers having four, sometimes five or six very round petals; the female flowers are few. The color is a light salmon, blooms in December, January, and recommences in March, April.

New *Cydonia Maulei* var. *Sargenti*.—This new quince, a close relation of the Japan quince, introduced by V. Lemoine et Fils, is of dwarf growth, stiff wood, and is distinguished by its vermilion red flowers, disposed along the branches. The *Cydonia* Maulei varieties are rare in our gardens, but are the most brilliantly colored flowers, if not the first, of the spring; are charming and lasting for decoration, and the shrubs are easy of culture.

Early Stocks, Bouquet or Abundance.—The superb race of early large flowering winter stocks has a worthy addition in this new and distinct

The Old Reliable Firm of Godfrey Aschmann is more active than ever. No competitor can harm him. He will look to your interests. Mail him your orders.



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## Bedding Plants

WELL GROWN. Over 100,000 of all descriptions are now at your disposal.

For Immediate Shipment. Now Ready. Slaughtering Prices.

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Cannas</b> , John D. Eisele (best improved, Per 100 red flowers, dark foliage). <b>Exandale</b> , bronze Mme. Crozy, 4-in. ....                                                                                                                                                                            | \$ 8.00               |
| <b>Canna</b> Alpina, Bouver, Richard Waller, 7-10 in. In addition to the above, we have <b>Austria</b> (yellow), Mt. Blanc, <b>Robusta</b> (giant crimson), and few more good varieties.                                                                                                                      | 7.00                  |
| <b>English Ivy</b> , 5-in., big as the 4-in., 3 in a pot. 100                                                                                                                                                                                                                                                 | 5.00                  |
| <b>Begonia Erfordi</b> , our well known strain, our latest improvement, always in bloom, best of all pink varieties, 4-in. pots. ....                                                                                                                                                                         | 8.00                  |
| <b>Begonia Vernon</b> , the gentian's favorite, bed of them once seen growing on a lawn in bloom speaks for itself, it is our latest improvement of the Vernon type; always a mass of flowers, stands the sun heat and the dry weather well; 7000 4-in., now ready medium size 4-in. \$7.00; large 4-in. .... | 8.00                  |
| <b>Lemon Verbena</b> , 4-in. ....                                                                                                                                                                                                                                                                             | 5.00                  |
| <b>Scarlet Sage</b> , everybody's favorite, <b>Clara</b> Redman or Bonfire (in bloom), 4-in. ....                                                                                                                                                                                                             | 7.00                  |
| <b>Ageratum</b> , dwarf, best blue, 4-in. ....                                                                                                                                                                                                                                                                | 7.00                  |
| <b>Fuchsias</b> , assorted colors, 4-in. ....                                                                                                                                                                                                                                                                 | 7.00                  |
| <b>Fuchsias</b> , 5-in. ....                                                                                                                                                                                                                                                                                  | 10.00                 |
| <b>Double Petunias</b> , assorted, 4-in. ....                                                                                                                                                                                                                                                                 | 7.00                  |
| <b>Lantanas</b> , assorted, 4-in. ....                                                                                                                                                                                                                                                                        | 7.00                  |
| <b>Geraniums</b> , for bedding purposes: A. Nutt. best crimson, <b>Alfons</b> , <b>Nicar</b> , red; <b>Mme Buchner</b> , double white, 4-in. ....                                                                                                                                                             | \$7.00 per 100        |
| <b>Ivy Geraniums</b> , assorted, 4-in. ....                                                                                                                                                                                                                                                                   | 6.00 per 100          |
| <b>Bontysuckie</b> , sweet scented, <b>Halleana</b> , 4-in. ....                                                                                                                                                                                                                                              | 10c                   |
| <b>10c 5-in.</b> ....                                                                                                                                                                                                                                                                                         | 15c each              |
| <b>Crimson Rambler Roses</b> , 6-in. pots. ....                                                                                                                                                                                                                                                               | 50c, 75c, \$1.00 each |
| <b>Clematis Pariculate</b> , 5½-in. pots. ....                                                                                                                                                                                                                                                                | 15c to 20c each       |
| <b>Cobea Scandens</b> , 4-in. ....                                                                                                                                                                                                                                                                            | 10c each              |
| 3-in. pots. ....                                                                                                                                                                                                                                                                                              | \$4.00 per 100        |

### Second Consignment.

6,000 just received per Steamer Marquette from Antwerpen, Belgium. More coming, by next steamer.

**Warning**—Don't be deceived. Now, as well as for the last twenty-five years, we hold the ground as leaders in importing, growing and shipping of our speciality, the *Araucarias*.

**Araucaria Excelsa**, **Robusta**, **compacta**, **Glaucia**, and **Palmis**, etc. Florists everywhere know us as leaders for the last 25 years in importing, growing and shipping of this so well known evergreen decorative plant, the *Araucaria*, more in favor than ever, from Atlantic and Pacific Ocean to every florist our *Araucarias* is interesting, there know no argument is needed for our goods. We know what our customers need, therefore we have provided and set aside special specimen plants, in **Spring 1910** importation, lawns, porches, verandas, bungalows, private summer residences, the hotels and boarding houses on the seashore and elsewhere this plant is one of the most desirable evergreen decorative plants adopted for this above mentioned purposes.

**Araucaria Excelsa**, raised from top cuttings 6-7 inch pots, 4 to 5 years old, 5, 6 and 7 tiers 25, 28, 35, 40 in. in height. \$1.00 \$1.25, \$1.50, \$2.00 to \$2.50 each

**Araucaria compacta**, **Glaucia** and **Robusta** **Excelsa**, 6-7 in. pots, fine bushy plants. .... \$1.25 \$1.50, \$2.00 each

**Araucaria Excelsa**, new importation, out of 5 ½, and 6-in. pots, 2 to 3 years old, 3, 4 and 5 tiers. 10, 12, 14, 16, 18, 20 inches high. 40c, 50c, 75c, and \$1.00 each

**Robusta compacta** **Excelsa** **Glaucia**, 5½ and 6-in. pots. .... \$1.00 to \$1.25 each

**Kentia Belmoreana**, 4 year old, 30 to 35 inches high, \$1.50.

**Kentia Forsteriana**, 4 year old, 30 to 35 inches high, \$1.50

**Kentia Forsteriana**, 4 year old, 24 to 26 inches high, 75c to \$1.00

**Kentia Belmoreana**, 4 year old, 26 to 28 inches high, \$1.00 to \$1.25

**Kentia Belmoreana**, 4 year old, combination or made up of 3 plants, 26 to 28 inches high, \$1.00, \$1.25 and 50c

**Kentia Belmoreana**, combination or made up of 3 plants, 3 year old 24 to 26 inches high, 75c to \$1.00

**Cocos Weddelliana Palms**, made up of 3 plants, 4 to 5 in. pots. 30c, 40c and 50c; large 2½ in. \$1.00 per 100

**Asparagus Pumosus Nanus**, 2½-in., \$3.00 per 100 \$2.50 per 100

**Asparagus Sprengeri**, 4-in., 10c; 2½-in., strong, \$5.00 per 100.

### Ferns.

**Scottii**, very large selected specimen plants, 8-in. pots, \$1.50; 7-in. pots, 75c to \$1.00.

**Whitmani** and **Scholzii**, 7-in. pots \$1.00, **Glattasii**, 5 ½-in. pots 20c, 35c, 40c, 4-in. pot plants 20c to 25c.

Large 3-in. Boston, **Whitmani**, **Scottii** and **Scholzii**, 15c to 20c.

**Dracena Braulti**, 6-in. pots, suitable for vases, 35c to 40c.

**Crimson Rambler Rose Bushes**, 6-in. pots, 30, 35 and 40 in. high, 50c, 75c to \$1.00.

**Nasturtiums**, assorted, 3-in. pots \$5.00 per 100, **Cosmos**, 3 plants in a 2½ in. pot, \$3.00 per 100.

**Torenia Fournieri**, 2½-in. pots, \$3.00 per 100. Large African Marigold, 3-in., 5c.

**California Giant Petunia**, 3-in., \$5.00 per 100.

### In Small Plants

we have the following in 2½-in. pots, at \$2.50 per 100:

**Verbenas**, assorted colors. **Phlox Drummondii**, dwarf and grandiflora. French dwarf **Tagetes** (the queen of the Mari-golds).

**Colerus**, **Verschaeflii**, **Golden Bedder**, **Queen Victoria** (fancy colors, 4c).

**Petunias**, **Inimitable Dwarf**, **Sweet Alyssum**, **Carpet of Snow** or **Little Gem**, **Tradescantia**, two colors.

**Trumbullii**, **Black Eyed Susan**, **Lobelia**, **Crystal Palace**, blue, dwarf and trailing.

**Cornflowers** (assorted). **Centaurea Gymnocarpa** (Dusty Miller). **Pyrethrum Aureum** (Golden Feather), \$3.00 per 100.

**Kentilworth Ivy**, 2½-in., 3c. **Acalypha**, 2½ in., \$3.00 per 100.

**Asters**, 4 separate colors, 2½-in., 3c; **Giant Crego**, best aster, adapted for benches, to cut or for pots, 4 separate colors, purple, rose, pink and white, \$3.00 per 100; \$2.50 per 100.

Don't forget that we are the growers and shippers of **Ipomoea Noctiflora**, the pure white **Moonevine**, with flowers as big as a saucer very fragrant and the earliest **Moonevine** in existence.

For which we have a world wide reputation for the past twenty-five years, grows 30 feet and over, one season; over 25,000 are shipped every spring all over America south, north, west and east.

Mexico and Cuba, 2½-in. pots, \$5.00 per 100; 3-in., \$8.00 per 100; 4-in., \$12.00 per 100.

25 at 100 rates. Cash with order, please. All plants must travel at purchaser's risk.

# GODFREY ASCHMANN,

Wholesale Grower and Importer of Potted Plants.

1012 W. Ontario St., PHILADELPHIA, PA.

variety which, instead of branching in pyramidal form, takes a bushy form and becomes a fine bedding plant. This effect is produced by the central flower stalk dividing into a cluster of 12 to 15 branching stalks, each of which produces 15 to 20 stems of large lilac rose flowers, much resembling the variety *Alexandra*.

**Hybrid Freesias**.—Among the new hybrid freesias which have been so much admired at recent French and English shows are *F. Chapmani*, a light orange yellow with very bright orange red blotches on the throat, and *F. refracta alba* improved, with flowers of a very pure white with the yellow throat blotches very small.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.  
— Deliveries in —

NEW YORK, LONG ISLAND and NEW JERSEY.  
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NEW YORK  
**Malanore Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

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Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**  
440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

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*Rosary*

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Will carefully execute and deliver orders in any part of New York and to out-going steamships.  
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**Bertermann Bros. Co.**

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*Blackistone*

Also

1601 Madison Ave.

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J. DAN BLACKSTONE

Chicago.

**A. LANGE,**

25 E. MADISON ST.

Montreal.

*McKenna*

All orders receive prompt attention. Choice Beauties, Orchids and Valley always on hand.



FROM NEW YORK EXCEPT AS NOTED.

June 12.  
Adriatic, White Star, 3 p. m., Piers 60 and 61, North River.  
FROM BOSTON, Ivernia, Cunard, East Boston Pier.

June 13.  
New-Amsterdam, Holl.-Amer., 10 a. m., Hoboken Pier.  
Kaiser Wilhelm II, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

June 14.  
Mauretania, Cunard, Piers 54 and 56, North River.  
FROM BALTIMORE, Main, No. Ger. Lloyd, 2 p. m., Pier, 9 Locust Point.

June 15.  
Carpathia, Cunard, Piers 54 and 56, North River.  
La Savote, French, 10 a. m., Pier 57, North River.

June 16.  
FROM QUEBEC, Empress of Britain, Can. Pac., 3:30 p. m.

June 17.  
Carmania, Cunard, Piers 54 and 56, North River.  
Arabic, White Star, 11 a. m., Piers 60 and 61, North River.  
Lepland, Red Star, 10 a. m., Pier 59, North River.  
St. Louis, Amer., 9:30 a. m., Pier 62, North River.  
Columbia, Anchor, 12 noon, Pier 64, North River.  
Calabria, Anchor, Pier 64, North River.  
FROM MONTREAL, Canada, White Star-Dom., daylight.

Great Britain.

**WILLS & SEGAR,**

Royal Exotic Nurseries,  
Onslow Crescent, S. Kensington, LONDON.

Florists To His Majesty The King.

We shall be pleased to carry out commissions from our American confreres to deliver Cut Flowers, Floral Baskets, Designs, etc., to any part of Great Britain.

Cablegrams—"Fiosculo, London."

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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**WILLIAM L. ROCK**  
**Flower Co.**

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

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**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on Telegraphic Order.

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**Atlanta Floral Co.**

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## Young & Nugent

Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the heart of **NEW YORK**  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

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Rochester Phone 506, Long Dist. Bell Phone 2189

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Order your flowers for delivery in this section from the

**LEADING FLORISTS OF THE NORTHWEST.**

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**Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either  
Plants or Cut Flowers.  
Phones Bell, Main 2306; Kinloch Central 4981

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"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We cover all points in New England.

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Successor to Sievers & Boland

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**Floral Co.**  
1643 Broadway  
J. A. VALENTINE, President.

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1725 Chestnut St.

Personal Attention to all Orders.

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**Matthews,**

—FLORISTS—

16 W. 3rd Street.

Flowers in any arrangement for all occasions.  
for Dayton and vicinity. Long dis. Phones.

THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

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We Cover All Points in Ohio.



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Established 1846

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Telephones: 1552-1553 Columbus. Choice Cut Flowers

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**Podesta & Baldocchi**

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Prompt and careful attention to orders from out-of-town florists.

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**Frank Valentine**

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Also Manufacturer of ARTIFICIAL FLOWERS.

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138-140 E. Fourth St.

Long Distance Phone.

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**M. A. Rowe**

IN THE HEART OF NEW YORK CITY

Phone 6404 Madison Sq. 12 West 33d St.

Our Motto—THE GOLDEN RULE

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Michigan.

Orders will be carefully cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

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Poughkeepsie, N. Y.

**"The Saltford Flower Shop"**

Vassar College and Bennett School.

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**H. W. Buckbee**

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Wholesale and Retail Florist.

Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your orders for Designs and Cut Flowers in Michigan

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Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874, Incorporated 1909.

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FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Danicis, Denver"

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The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.

CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

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913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

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FLORISTS.**

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.....634 Fourth Avenue.

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Established 1874.

**DARDS**

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.

Alexandria, Va.

**David G. Grillbortzer**

Bell Phone 281. All orders receive prompt attention

**City Index to Retail Florists  
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Albany, N. Y.—Eyles, 11 N. Pearl St.  
Alexandria, Va.—J. G. Grillbortzer  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—Wilson, 3 and 5 Greene.  
Buffalo, N. Y.—A. Anderson, 340 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Canger & Gormley  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank P. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Main St.  
Kansas City—Geo. M. Kellogg F. & P. Co.  
Kansas City—Wm. L. Rock Flower Co.  
London, Eng.—Wills & Segar.  
Los Angeles, Calif.—Wolfskill Bros.  
Louisville, Ky.—M. D. Clark's Sons, 223 S. 4th Ave.  
Louisville, Ky.—Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Montreal—McKenna.  
Nashville, Tenn.—Gentry Bros.  
New York—M. J. Bowe.  
New York—D. Clark's Sons, 2159 Broadway.  
New York—Dard's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2634 E'way.  
New York—Alex. McConnell, 611 6th Ave.  
New York—Melandre Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 E'way.  
New York—Frank Valentine, 153 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Beas & Sprock, Farnum St.  
Philadelphia—Robert Kift, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Poughkeepsie, N. Y.—The Safford Flower Shop.  
San Francisco—J. B. Boland, 60 Kearny St.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
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Terre Haute, Ind.—J. G. Heint & Son.  
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Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H. Sts.  
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Washington—Geo. C. Shaffer, 14th and I Sts.

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**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

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Mention the American Florist when writing

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HIGH GRADE OF FLOWERS

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All orders are very carefully executed.

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**The Cleveland Cut  
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Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

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**Wolfskill Bros.**

FLORISTS

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty,

216 W. 4th St.

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Canada's best known and most reliable florist

**Only the  
Best Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duray, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

CHICAGO.—Prices on the board of trade, June 7, were noted as follows: White clover, from \$22 to \$30.—Vaughan's Seed Store reports their plantings of young gladiolus bulbs as making a remarkably good growth for this early date.

RECENT California seed crop reports indicate poor growth and probable short crop of sweet peas, but it is too early to give very definite, reliable information. Refresh and lettuce promise a crop somewhat under the average. Onion looks better and if the weather does not turn too hot a good yield can be expected.

VISITED CHICAGO: Howard M. Earl, of W. Atlee Burpee & Co., Philadelphia, Pa., and party spent June 5 in the city, en route to California, leaving in the evening; Ant. C. Zvolanek, on his way to the Pacific coast and his annual sweet pea inspection tour in that section. Mr. Zvolanek is taking up lilies and freesias and he is confident of showing results in seedling lilies in two years. A large pink seedling is the most promising of the freesias.

BEGINNING July 5 and continuing during the months of July and August, the facilities of the Seed Laboratory of the Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C., will be available, as far as space permits, to anyone wishing to become familiar with the practical methods of seed testing. There will be an opportunity to observe the laboratory methods of testing for germination and mechanical purity, including the recognition of crop seeds and the common weed seeds.

### Iowa Seed Law Satisfactory.

Des Moines, June 6.—No marked changes in the Iowa seed law will be recommended by the Iowa State Seed Dealers' Association, according to action taken today at an executive session of the eleventh annual state convention. The report of H. A. Johns of Sioux City, chairman of the legislative committee, was on the whole favorable to the present statutes. A feature of the open programme this afternoon was a lecture by Professor L. H. Pammel of Ames, state botanist, and the author of the present law. He defended the few points in the code which the dealers criticised.—Chicago Inter-Ocean.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

### Seed Warranty.

AN ENGLISH DECISION.

It will probably be within the recollection of our readers that the case of Wallis v. Haines, which was before the court of appeal in June last, was sent up to the house of lords; the judgment of the lords' bench was given on May 5.

This interesting case arose out of the sale of sainfoin seed. Mr. Wallis, a dealer in agricultural seeds, bought common sainfoin from the defendant's firm, Haines & Co., which he resold to divers customers of his who were farmers; the crop when grown turned out to be Giant sainfoin, which was not of nearly so much value as common sainfoin. The farmers applied to Wallis for compensation, which he at once paid them, and he in turn asked the growers, Haines & Co., to recoup him for his losses. They declined saying that their invoice stated that no warranty was given for purity, fertility or quality. The case was referred to Mr. Acland, K. C., who gave his award, subject to a point of law, which in turn was left to Justice Bray. He declared in favor of Wallis. The court of appeal, by two to one, reversed this judgment, and the house of lords now restore it. There was no imputation of fraud in the transaction, but the error of sending out the wrong seed arose from the fact that the seeds of common and Giant sainfoin are not distinguishable by either eyesight or touch, and it seems probable from the evidence that the original grower (a farmer) who sold the seed to Haines & Co., was not aware of the difference between the two races of sainfoin.

Lord Justice Fletcher-Moulton (one of the appeal judges), gave his reasons at length for differing from his learned brothers, which, briefly stated, were that as the buyer could not determine, without growing the seed and seeing the plants resulting, whether the seed was true or not, he was compelled to accept it, and that this fact overrode the disclaimer behind which the growers sought to shelter themselves from any consequences of mistake on their own premises. The house of lords seems to have taken the same view. The lesson to be learned seems to be that great care must be exercised in labeling the various stocks, for we presume that the Green Top common turnip were sold by mistake for Swede or say cabbage for cauliflower, damages for loss of crop would ensue. Most large seed firms are fully aware of all this and take the necessary precautions to prevent mistakes. It is the retailer who, by the carelessness of an assistant, is liable to be let in for damages out of all proportion to the seed sold. Two shillings' worth of turnip seed will sow an acre, but the loss of crop between 10 or 20 acres of what should have been late Swedes, but turned out to be early common turnips, might run to 10 pounds per acre.

It might, therefore, be wise for the retailer to adopt a system of labeling his sacks both inside and out with a distinctive color as well as the name, say, for instance, a purple label for Swede seed, a green one for Green Top, a yellow one for Scotch Yellow, etc., so that sacks might be recognized at a glance. Of course, a system could easily be devised by which any seed could be known by the color label as well as by the written one, and this would we think, give an additional security from mistakes which may now at times prove very costly matters.—Horticultural Advertiser, May 24, 1911.

[Assuming that the comments of the Editor of the Horticultural Advertiser in his closing paragraph of the above are correct, and that the decision in question by the house of lords establishes such a rule of law, we have this condition: A seedsman may sell to a market gardener one dollar's worth of Early Jersey Wakefield cabbage seed and the latter may set with plants grown therefrom a 5-acre field and failing to secure a crop, claim \$500 damages. The seedsman can not possibly have witnesses to controvert the claim or press the case. The gardener's statements should then be accepted or intentionally substituted or used other seed than that supplied. The seedsman can make no imputation of fraud because the planter has all knowledge and the only knowledge of what has happened to the seed after it left the seedsman's counter. We cannot believe the working out of the natural conclusions possible from the decision in question can be good law or based on equity. We believe that if the market gardener buyer intends to hold the seedsman seller responsible as a guarantor of the seed (and practically of the crop itself) and require him to waive or ignore the seedsman's usual long established non-warranty condition, then the buyer should be required to so state when he purchases the seed. If the seedsman seller be given the opportunity to decline the sale or retain and set aside a packet of the identical seed sealed and initialed by the buyer as a preventive of fraud in the transaction.—ED. AMERICAN FLORIST.]

E. M. PARMELEE's report on the pea situation seems rather gloomy.

ISAAC BUNTING, the well known lily specialist of Colchester, Eng., is in Chicago this week enroute to Japan via Vancouver.

SOME items on the interesting programme prepared for the forthcoming convention of seedsman at Marblehead are unavoidably held over until next week.

ROCKFORD, ILL.—John R. and Leonard R. Condon, well known among the seedmen and florists of this section, have opened an office at 413 West State street, for the purpose of carrying on a brokerage, jobbing and importing business in seeds, plants and bulbs. They have a goodly acreage at their command, a long experience in the business and large acquaintance with the trade. They have both seen long service in the employ of H. W. Buckbee, John for twenty and Leonard for sixteen years, and are trained in every detail for the proper conduct of the business. They leave their former employer with his best wishes and their ambitions are to build a lucrative business of their own.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister, California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.



## J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

Please mention the American Florist when writing

## Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

George R. Pedrick & Son,  
PEDRICKTOWN, N. J.

Mention the American Florist when writing

## Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

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## Henry Fish Seed Co. Bean Growers

For the Wholesale Seed Trade.

CARPINTERIA, CALIF.

Mention the American Florist when writing

GET QUOTATIONS FROM

## LANDRETH

SEEDS which SUCCEED

Bloomdale  
Farm.

Bristol, Pa.

Mention the American Florist when writing

Florists and Seedsmen. Scratch or Poultry Food  
Sell Your Own

We will make it for you, under your own brand,  
for \$28.00 per ton. Seed today for sample 100 lb.  
bag, \$1.50. Mr. C. E. Jensen, of Atlantic City,  
N.J., on Oct. 27th, 1910, writes as follows: "I want  
to state that your three grades of Poultry Food,  
Chick Starter, Developing Food and "Square  
Deal" Scratch or Poultry Food—stands without  
an equal today. They are perfect mixtures and  
sound in grain and a pleasure to handle."  
J. BOLDIANO & SON, Importers and Wholesalers  
(Established for 92 years) Baltimore, Md.

Mention the American Florist when writing

## ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

## ROEMER'S PANSIES

The finest strain of Pansies in the World,  
introduced and Grown of all the leading  
Novelties. Highest Award International  
Exhibition Dusseldorf, 1905. Catalogue free  
on application.

FRED. ROEMER, Seed Grower,  
Quedlinberg, Germany.

## Lilium Harrisii

THERE are conditions, and they occur not infrequently, under which all lily  
bulbs fail to make good flowering plants. There may be, probably are more  
difficulties attending the growing of Lilium Harrisii bulbs than most forcing  
varieties and yet those who do them well have found the early blooms very profit-  
able. In many parts of the south where this bulb has been grown over a longer  
season and without the overforcing sometimes imposed on the plants, Harrisii has  
given most satisfactory returns. We are contracting subject to crop conditions  
a select strain of Well Grown Bulbs of

## Lilium Harrisii

Sizes: 5 to 7; 6 to 7; 7 to 9 and upwards.

Write for our **IMPORT LIST FOR FLORISTS** Now Ready.

All Lily Bulbs from all the World at Right Prices.

**VAUGHAN'S SEED STORE, Chicago--New York**

Mention the American Florist when writing

## SEED PACKETS

We manufacture a full line of

### Packets for the Seed Trade

Packets sufficiently transparent for mailing.

WRITE FOR SAMPLES AND PRICES.

**THE BROWN BAG FILLING MACHINE CO., Fitchburg, Mass.**

Mention the American Florist when writing

## Hyacinths for Christmas

Dutch stock cultivated for one season in the South of Europe. Bulbs ripen a few months earlier  
than in Holland. Have proven to be sure bloomers for Christmas. Also Tulips and Narcissus.  
White for particulars and prices.

**LOECHNER & CO., 11 Warren Street., New York**

## Sioux City Seed & Nursery Co.

Sioux City, Iowa.

Contracting growers of Peas, Beans and  
famous Sweet Corn. Introducers of the  
White Mexican Sweet Corn.

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## FROM SUNNY SPAIN

Specialties: Onions, Peppers, Early To-  
mato Cauliflowers, Beans, 97  
varieties, Melons, Celery, Egg  
Plants.

SEEDS: Grown on contract for the United States  
Seedsmen by

Federico G. Varela, Teneriffe, Canary Islands;  
Enquiries  
requested: I do not supply growers direct.  
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## Turnip Seeds

For Present  
Delivery.

We can offer: Early Purple-top Strap-leaved,  
Green-top and Purple-top Yellow Aberdeen,  
Amber Globe, Sweet German, Purple-top Mam-  
moth, Lines Red Globe, Grey stone, Imperial  
Green Globe, Red Milan and American Purple-  
top Rutabaga. Ask for prices.

W. W. JOHNSON & SON, Ltd., Boston, ENGLAND  
Mention the American Florist when writing

## Asparagus Plumosus Nanus SEED

Fresh, true to name and highest germination.  
For Quick Sale

\$1.75 per 1000; 25,000 and over at \$1.50

**DRAKE POINT GREENHOUSES, YALAH, FLORIDA.**

## Asparagus Sprengeri

3 in., \$3.50 per 100

Dracena Ind., 2 in., 2c; 2½ in., 2½c; 3 in., 3c  
Cannas, Exandale, Marlborough, \$1.50 per 100  
D. Harum, 2.00 per 100

J. H. DANN & SON, Westfield, N. Y.

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ESTABLISHED IN 1884.

## Bridgeman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy.

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# Choice Young Rose Stock

|                               |                   |                                            |                    |
|-------------------------------|-------------------|--------------------------------------------|--------------------|
| 500 Perles, 4-in. pots.....   | Per 100<br>\$8.00 | 3,000 Grafted Maryland, 3-in. pots.....    | Per 100<br>\$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00              | 1,000 Grafted Maids, 3 and 4-in. pots..... | 12.00              |

## Bassett & Washburn

Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

### CHRYSTANTHEMUMS

| Special                            | R. C.    | 2½ in.  |
|------------------------------------|----------|---------|
| Best Early White Oct. Frost.....   | Per 1000 | \$30 00 |
| Best Early Yellow Golden Glow..... | 25 00    | 30 00   |

#### Large Stock. Time to Plant Now.

| WHITE                  | R. C.  | per     | 2½ in. | 1000    |
|------------------------|--------|---------|--------|---------|
| Virginia Poehmann..... | \$3.00 | \$25.00 | \$4.00 | \$35.00 |
| Robinson.....          | 2.50   | 20.00   | 3.00   | 25.00   |
| Clementine Touse.....  | 2.50   | 20.00   | 3.00   | 25.00   |
| Alice Byron.....       | 2.50   | 20.00   | 3.00   | 25.00   |
| Timothy Eaton.....     | 2.50   | 20.00   | 3.00   | 25.00   |
| Pres. Roosevelt.....   | 3.00   | 25.00   | 3.50   | 30.00   |

| YELLOW               | R. C. | per   | 2½ in. | 1000  |
|----------------------|-------|-------|--------|-------|
| W. H. Chadwick.....  | 3.00  | 27.00 | 4.00   | 35.00 |
| Monrovia.....        | 2.50  | 20.00 | 3.00   | 25.00 |
| Haliday.....         | 2.50  | 20.00 | 3.00   | 25.00 |
| Col. Appleton.....   | 2.50  | 20.00 | 3.00   | 25.00 |
| Major Bonaffon.....  | 2.50  | 20.00 | 3.00   | 25.00 |
| Yellow Eaton.....    | 2.50  | 20.00 | 3.00   | 25.00 |
| Golden Chadwick..... | 3.00  | 27.00 | 4.00   | 35.00 |

| PINK               | R. C. | per   | 2½ in. | 1000  |
|--------------------|-------|-------|--------|-------|
| McNiece.....       | 2.50  | 20.00 | 3.00   | 25.00 |
| Maud Dean.....     | 2.50  | 20.00 | 3.00   | 25.00 |
| Dr. Enguehard..... | 2.50  | 20.00 | 3.00   | 25.00 |

| RED             | R. C. | per   | 2½ in. | 1000  |
|-----------------|-------|-------|--------|-------|
| Schrimpton..... | 3.00  | 27.00 | 4.00   | 35.00 |
| Intensity.....  | 2.50  | 20.00 | 3.00   | 25.00 |

**POEHLMANN BROS. CO.**  
Morton Grove, Ill.

### Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                               |                               |
|-----------------------------------------------|-------------------------------|
| 3-inch.....                                   | \$8.00 per 100                |
| Asparagus Seedlings, prepaid, we have 200,000 |                               |
| Plumosus.....                                 | .90c per 100; \$7.50 per 1000 |
| Sprenger.....                                 | .60c per 100; \$5.00 per 1000 |

—Cash, please.—

#### THE REESER PLANT COMPANY

Exclusively Wholesale Plantsmen. SPRINGFIELD, OHIO.

### GEO. A. KUHL,

Wholesale and Retail Florist,  
PEKIN, ILL.

Ask for our fern, rose and soft wooded lists also about our special plants for June sales.

### Phoenix Canariensis...

BALLED. By the Thousands

|                 |      |                 |        |
|-----------------|------|-----------------|--------|
| 2 to 2½ ft..... | .65c | 3 to 3½ ft..... | \$1.00 |
| 2½ to 3 ft..... | .75c | 3½ to 4 ft..... | 1.25   |

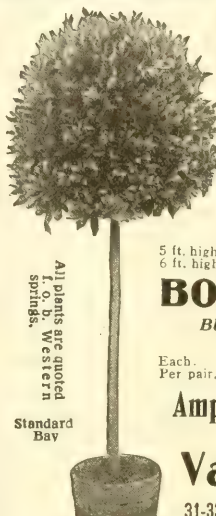
KENTIA NURSERIES, Santa Barbara, Calif.

### ORCHIDS...

Largest Importers, Exporters, Growers,  
and Hybridists in the World.

SANDER, St. Albans, Eng.

NEW YORK OFFICE: 258 Broadway, Room 721  
T. MELLSTROM, Agent.



Standard Bay

### BAY TREES

STANDARD or TREE SHAPED.

| Stems           | Crowns           | Each    | Pair    |
|-----------------|------------------|---------|---------|
| 38-40 inch..... | 22 1/2 inch..... | \$ 6 50 | \$12 00 |
| 42-44 inch..... | 24 inch.....     | 6 75    | 12 50   |
| 45-48 inch..... | 26 inch.....     | 7 50    | 14 00   |
| 48-50 inch..... | 28 inch.....     | 8 00    | 15 00   |
| 45-48 inch..... | 30 inch.....     | 10 00   | 18 00   |
| 46-54 inch..... | 40 inch.....     | 15 00   | 28 00   |

PYRAMIDAL SHAPED.

|                                              |         |         |
|----------------------------------------------|---------|---------|
| 5 ft. high, 24-26 inch diameter at base..... | \$ 8 00 | \$15 00 |
| 6 ft. high, 26-28 inch diameter at base..... | 10 00   | 18 00   |

### BOX TREES,

If wanted out of tubs we allow a 10% discount.

BUSH SHAPED.

PYRAMIDAL SHAPED.

| Each.             | Pair   | Each             | Pair   |
|-------------------|--------|------------------|--------|
| 30 inch high..... | \$2 50 | 2½ ft. high..... | \$2 00 |
| Per pair.....     | 4 50   | 3 ft. high.....  | \$3 75 |

### Ampelopsis Veitchii

4 inch pot grown started plants  
Each, 30c; Per dozen, \$3.00;  
Per 100, \$20.00.

### Vaughan's Seed Store

31-33 Randolph St., Chicago. 25 Barclay St., New York

Green houses, Trial Grounds and Nurseries, Western Springs, Ill.

### The Phoenix Nursery Co.

BLOOMINGTON, ILLINOIS

Offers the following for immediate shipment:

ROSES from 4-inch pots, \$7.50 per 100; \$60.00 per 1000:

|                 |               |                   |               |
|-----------------|---------------|-------------------|---------------|
| 700 Bride,      | 200 Chateauf, | 50 Queen Scarlet, | 300 Richmond, |
| 400 Bridesmaid, | 300 G. Gate,  | 75 Ivory,         | 150 Hermosa.  |

ROSES from 3-inch pots, \$5.00 per 100; \$35.00 per 1000:

|                 |                   |                    |                   |
|-----------------|-------------------|--------------------|-------------------|
| 900 Bride,      | 350 Golden Gate,  | 100 Richmond,      | 75 Mrs. De Gray,  |
| 700 Bridesmaid, | 50 Queen Scarlet, | 150 Hermosa,       | 550 Gruss an Tep- |
| 400 Chateauf,   | 300 Ivory,        | 350 D. De Brabant, | litz.             |

ROSES from 2-inch pots, \$2.50 per 100; \$20.00 per 1000:

300 Bride, 300 Bridesmaid, 250 G. Gate, 100 Gruss an Teplitz, 100 Richmond

|                                                               |                |
|---------------------------------------------------------------|----------------|
| 700 Centaurea Gymnocarpa (Dusty Miller), from 2-in. pots..... | \$2.00 per 100 |
| 750 Vinca Major Variegata, 2-in. pots.....                    | 3.00 per 100   |
| 3,600 Coleus, assorted colors, 2½-in. pots.....               | 2.00 per 100   |
| 750 Alternanthera, Red, 2-in. pots.....                       | 2.00 per 100   |
| 200 " Yellow, 2-in. pots.....                                 | 2.00 per 100   |

### Orchids

Just arrived—a large consignment of Cattleyas.  
Trianae, Mendellii, Mosla,  
Schroederæ, Speciosissima, Gigas Sanderiana,  
Gaskelliana, Miltonia Veitchiana.

Special Sale

JOHN DE BUCK,

care of Maltus & Ware. 14 Stone St., New York

### Surplus Stock

Can be disposed of by  
advertising. Try it.....

This Size "Ad." Costs Only \$1.00.

AMERICAN FLORIST CO., CHICAGO.

# Phoenix, Bays, Boxwoods,

## For The Porch and Lawn

### Phoenix Canariensis.

| Inch high                   | Each   |
|-----------------------------|--------|
| 7-inch tubs, 36 to 40.....  | \$2 50 |
| 8-inch tubs, 46 to 50.....  | 4 50   |
| 10-inch tubs, 50 to 54..... | 8 00   |
| 10-inch tubs, 60 to 64..... | 15 00  |

### Boxwood Pyramids.

|                         |             |
|-------------------------|-------------|
| 2½ to 3½ feet.....      | \$2 50 each |
| 4 to 5 feet, strong ... | 6 00 each   |
| 6 feet.....             | 8 00 each   |

### Bush Boxwoods.

|                                                                    |             |
|--------------------------------------------------------------------|-------------|
| 26 to 30 inches, 18 to 24 inches across, exceptionally bushy ..... | \$2 00 each |
|--------------------------------------------------------------------|-------------|

### Bay Trees, Pyramids,

9½ feet high, 30 inches across bottom... \$35 00 per pair

### Bay Trees, Standard.

|                                               | Per Pair |
|-----------------------------------------------|----------|
| 16 to 18-inch crown, total height 4 feet..... | \$10 00  |
| 18 to 20-inch crown, " 6 feet.....            | 12 00    |
| 20 to 24-inch crown, " 6 feet.....            | 14 00    |
| 24 to 26-inch crown, " 6½ feet.....           | 16 00    |
| 30 to 34-inch crown, " 6½ feet.....           | 18 00    |
| 34 to 36-inch crown, " 7 feet.....            | 25 00    |
| 40 to 50-inch crown, " 8 feet.....            | 50 00    |

Cobea Scandens, 4-in., \$10 00 per 100.



**THE GEO. WITTBOLD CO.,**  
737-39 Buckingham Place, CHICAGO

## TUBEROUS ROOTED BEGONIAS

In four separate colors. White, Scarlet, Yellow, Pink.

|             |        |         |
|-------------|--------|---------|
| Single..... | 100    | 1000    |
| Double..... | \$1 75 | \$15 00 |
|             | 3 75   | 35 00   |

### Lily Bulbs

|                                |                 |
|--------------------------------|-----------------|
| Lil. Album, 8 to 9 .....       | Per 100 \$ 7 50 |
| Lil. Album, 9 to 11 .....      | 10 00           |
| Lily of the Valley clumps..... | 20 00           |

### Lily of the Valley Pips

International Brand  
Medium Grade Pip, per 1000 ..... \$11 00

**Vaughan's Seed Store,**  
CHICAGO. NEW YORK.



## Poinsettias

**July and August  
Delivery**

We will have a fine lot ready early in July. Strong 2 1-2 in. pot plants.

**Price: \$6.00 per 100**

Write for price in quantity.

**A. HENDERSON & CO.**  
162 N. Wabash Ave., CHICAGO

**Send Advs. Early for Best Service.**



## Market Gardeners

### Vegetable Growers' Association of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

NEW YORK.—Commissioner Walsh of the bureau of weights and measures, burned 3,000 short measure bushel baskets May 31, which he had seized from Long Island farmers.

### The Asparagus Miner.

An insect that has caused much trouble, and in some cases is as destructive as the asparagus beetle, is the asparagus miner upon which the United States Department of Agriculture has recently issued Circular No. 135. The larva of the fly mines beneath the epidermis of the stalk, near the base and below the surface of the ground and they are frequently so abundant that the stalk has the effect of being girdled so that the injured stalks can readily be pulled from the ground. The infected stalks can generally be detected by their roughed appearance. In its injurious occurrences it seems to be limited to the eastern United States but it has also been found in asparagus beds in California. The remedies so far found are in the spring to permit a few asparagus plants to grow as a trap crop to lure the fly from the main crop for the deposition of her eggs, and after this has been accomplished pull the infected plants and burn them. The second generation can be destroyed in a like manner by pulling old infested stalks as soon as attack becomes manifest and promptly burning them also.

### Tomato Wilt.

A disease of the tomato that is sometimes confused with leaf spot is properly known as fusarium wilt and this is not in the least affected by the applications of spraying materials to the plants is fully proven in the experiments carried on at the experiment station of the University of Illinois. This wilt has caused the loss of many a promising crop, and the first indication that the plants are affected is by the sudden wilting of entire branches or even the entire plant. Within a few days the wilted portions become brown and dead, examination of the wilted stems reveal a discolored, brownish appearance of the wooded portion. The plants may die before any fruit has matured or after any part of the crop has been gathered. The first season that the wilt will appear in a field, usually only a few plants are affected, but if the field is used for tomatoes the next year the attack is likely to be very severe, for the disease is carried over in the soil and the length of time the disease will remain in badly infected soil is not known. It is, therefore, important to practice rotation of crops so that the soil will not become badly infected. Care should also be taken in securing soil for the beds in which the plants are grown. Fresh soil should be put in the beds each year,

and it should be secured from a part of the farm which has never grown tomatoes nor received the wash from tomato fields. It is also important to avoid inoculating a new field by means of soil carried from an infected field on tools or the feet of men or farm animals.

### Louisville.

Business conditions the past week were very good, stock in all lines moving fairly well, fully up to expectations, and the supply was almost adequate. Roses sell well and are in good supply, but the quality is rapidly falling off. The demand for carnations has fallen off immensely owing to the poor quality, caused by the extremely hot weather. Sweet peas are plentiful and have had a great demand, but the quality is deteriorating very rapidly. Lily of the valley can be seen in small quantities and the quality and demand are fair. There are plenty of spring flowers such as iris, coropsis, hydrangeas, gladioli, Magnolia grandiflora, and various other sorts which find a fair demand, and they are of good quality. Green goods are in good supply.

The Kentucky Society of Florists will hold its outing next month. S.

### European Horticulture.

Primula Winteri.—So few of the varied species of the Primula family which have come to us, and of late so abundantly, have the true Primrose habit of florescence that there is special pleasure in welcoming Primula Winteri for that very reason. No doubt when the novelty of seeing it has somewhat worn off, it will be regarded as an ordinary, though charming, species that offers good ground for the hybridist to operate upon. But whatever may be done in that respect, I trust no effort will be made to create out of it varieties that have the ordinary erect stems such as distinguish the majority of species. Being a primrose, let it remain a primrose; and if crossed at all, let it be solely by using

### New Jersey Grown Tomato Plants

Here is the center of the tomato-growing district of the United States. Our plants cannot be beaten. Varieties: Improved Stone. Matchless, Cumberland Red, Success, Red Rock, Living stone's Beauty and others. \$1.50 per 1000.

Also Cabbage, Lettuce, Beet and Pepper Plants  
Packed for express.

WARREN SHINN, Nurseryman, Woodbury, N.J.

### VEGETABLE PLANTS.

Cabbage, Wakefield. All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.

Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball. \$1.00 per 1000; 10,000 and over 85c per 1000.

Beet, Crosby, Egyptian and Eclipse. \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

pollen from some of our true garden primroses, in the hope that whatever may arise from such cross, the true primrose habit, which is so specific and so charming, will be fully retained. Also, it is hoped that no effort will be made to destroy the species' distinctive coating of farina, which renders it a fit companion in a leafy sense with the old dusty miller of auricula gardens, but which is now seldom met with, at least in the south.

A Disease of the Lilac.—An epidemic which recently declared itself in lilac has been traced by Mr. Massee (Kew Bulletin, No. 2, 1911), to a fungus, Helminthosporium syringae. The leaves are first attacked, brownish stains running down the leaves at some distance from the midrib. Later the leaf becomes brown and dry, and often more or less cracked and torn.

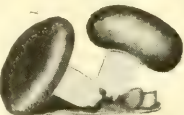
A Remedy for Bee Stings.—Frank H. Perrycoste, writing in "Nature" recommends belladonna plaster as a remedy for bee stings. He finds that, if applied at once, the plaster produces its remedial effects very quickly, though where the sting is severe, or the person stung is very susceptible, the swelling and irritation are not prevented altogether.



Watch for our Trade Mark stamped on every brick of Lambert's Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn.



We will mail on application sample of

Niagara Pure Culture Spawn

Direct or Transfer, or both

that you may be your own judge of quality.

We will quote you most attractive figures.

Our quality speaks for itself and is guaranteed

Niagara Mushroom & Spawn Co., Lockport, N.Y.

## Success in Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

AMERICAN FLORIST CO.,  
440 S. Dearborn St., Chicago.

TO THE TRADE

## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettucens, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Chinerarias, Gloxinias, Larkspurs, Nasturtiums, Fuchsias, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbena, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT FANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# Ready for Shipment

## Bay Trees

In all sizes, in best values.

## Box Trees

Large assortment, in all sizes and forms.

## Begonia Lorraine

From 2¼-in. pots, twice shifted, leaf cuttings, finest obtainable.

## Cyclamen

From 2-in., 3-in. and 4-in. pots, finest strain.

## Kentias

Largest and finest stock at reasonable prices.

**Special Price List for the Asking**

# JULIUS ROEHRS CO., Rutherford, N. J.

## ROSES

2½-in. 100 1000

Pink Killarney.....\$6 00 \$55 00

Richmond..... 5 00 45 00

Perles, Ready April 1..... 5 50 50 00

Richmond, Now ready

3½-inch..... 8 00 65 00

Perles, 3½-inch..... 8 00 75 00

Cut back benched Pink Killarney, \$60.00  
per 1000, good strong stock.

**POEHLMANN BROS. CO.,**

Morton Grove, Ill.

Mention the American Florist when writing

## Am. Beauty

2½-in. \$6 per 100; \$50 per 1000

4-in. \$15 per 100

Good assortment of H. P's, H. T's,  
T's, etc,

**THE LEEDLE FLORAL COMPANY**  
SPRINGFIELD OHIO

Mention the American Florist when writing

IF YOU SAW IT IN THE  
**THE FLORIST**  
Y SO IN YOUR NEXT ORDER.

## A. N. PIERSON, Inc.

Cromwell, Conn.

## ROSES

It Will Pay  
You to Buy

Killarney, White Killarney,  
Bride, Bridesmaid.

Selected grafted plants, ready for  
shipment, \$15.00 per 100; \$120.00 per  
1000.

Prince de Bulgarie

The money maker for summer, fall  
and spring. Per 100 1000  
Grafted.....\$20.00 \$180.00  
Own root..... 15.00 120.00

Double Pink Killarney,  
Mrs. Aaron Ward, Radiance

**ORDER AT ONCE**

## ASPARAGUS HATCHERII

The variety that will increase your revenue. It will make more green to  
the square foot than anything you could grow. Selected plants, from 2½-in.  
pots, ready for larger pots or for planting, \$15.00 per 1000.

## ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 3-in. pots, \$6.00 per 100, \$50.00 per 1000

Mention the American Florist when writing

Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

Nic. Zweifel, North Milwaukee, Wisconsin.

## Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready, in July, \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.



## The Nursery Trade

**American Association of Nurserymen**  
W. P. Stark, Louisiana, Mo., President;  
E. S. Welch, Sheboygan, Ia., Vice-President;  
J. H. Hall, Rochester, N. Y., Sec'y.  
Thirty-sixth annual convention to be held  
at St. Louis, Mo., June 14-16, 1911.

VISITED CHICAGO: Jas. B. Wild, Sarcxie, Mo.

THE Southern Hotel has been chosen as headquarters for the thirty-sixth annual convention of the American Association of Nurserymen at St. Louis, June 14-16.

SARCXIE, Mo.—Gilbert H. Wild has taken over the peony business of his father, Jas. B. Wild, at the above address. He has marketed 1,000 crates of cut peony blooms this season, averaging nine dozen to the crate, and shipments are made as far east as New York.

GENEVA, N. Y.—John Jorden, engaged during his early life for many years in the nursery business, died May 29, aged 73 years. He retired from active business fifteen years ago and has held many civic positions in this period, being president of the board of charities at his death.

SECRETARY HALL, of the American Association of Nurserymen, advises us that the entertainment committee has found difficulty in declining the many offers tendered, and that the features selected by this committee are all that could be desired by the most fastidious.

A SIMPLE and effective way to destroy the eggs of the elm-leaf beetle and other injurious insects is reported as having been adopted with success by a Connecticut woman. A mat or blanket of soft hay or grass cuttings about a foot wide and in a thick mass is spread at the base of the tree. This is done in June when the beetles come down to deposit their eggs and allowed to remain until into July, when the mass is carefully lifted and burned.

THE Canadian customs memorandum dated April 24, 1911, declares all nursery stock from Europe, Japan, and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut subject to inspection. Greenhouse plants and roses (accompanied by a certificate), herbaceous perennials, herbaceous bedding plants, bulbs and tubers, and cottonwood grown in the Dakotas or Minnesota are admitted at any time without inspection.

### Arnold Arboretum Bulletins.

The bulletins issued May 24 and May 31 by the Arnold Arboretum contain notes and descriptions of the magnolias, crabs, viburnums, loniceras, diervillas, maples, hawthorns (crataegus), deutzias and spiraeas. Especial attention is called to the adaptability of vaccinium corymbosum, the high-bush blueberry, as a beautiful shrub in the arboretum. The habit is good, the flowers and fruit are beautiful and no other plant has a more splendid autumn color.

### Nursery Pests Come High.

While the farmer has been protected by having high duties placed on things that he buys, the makers of our custom laws have quite overlooked the opportunity to protect him in an humbler but more profitable way. One result of our custom laws, says Mr. Marlatt, of the Department of Agriculture, in the National Geographic Magazine, is that the United States has become a sort of dumping ground for infested nursery stock. Austria-Hungary, France, Germany, Holland, Switzerland and Turkey have absolutely prohibited the entry of nursery stock from this country.

But we have imported, duty free, a choice assortment of pests, including the Hessian fly, the codling moth, the gypsy moth, the brown-tail moth, the cotton-boll weevil, the San Jose scale and others which have caused incalculable loss to the farmers and orchardists of this country. The Hessian fly, in a single year, destroyed wheat that would have been worth a hundred million dollars at harvest. Twenty-five million dollars is the estimated annual loss from the cotton-boll weevil. The loss to orchardists from the codling moth and San Jose scale is fully as great and the New England states are spending more than a million dollars a year in efforts to exterminate gypsy and brown-tail moths. These imported pests would have been excluded, says Mr. Marlatt, if there had been a properly enforced quarantine inspection law in the past.

### Hybrid Rugosa Rose.

Rugosas are such a hardy and accommodating class of roses, needing scarcely any attention when once planted, and making one of the best hedges or fences of roses, that they really should be more grown where there is space available, advises a correspondent in the Gardeners' Magazine. The old pink and white singles are well known, and so is the seedling from the last-named, the beautiful Blanc Double de Coubert, one of the purest white roses we have, with not a suspicion of pink about the blossoms.

There are several very good hybrids now, the chief of which is undoubtedly Conrad F. Meyer, a rose obtained by a double cross. This is a very vigorous grower, admirably adapted for pillars and large solitary bushes. The foliage, like all the rugosas, is seldom affected with diseases such as mildew and red rust, so that the plant always has a clean appearance. Conrad F. Meyer is also one of the sweetest scented roses, very large, exquisitely formed when young, and a clear silvery-rose in color. Nova Zembla is a very pale bluish-white sport from this, and differs only in color. Rose a parfum de l'Hay has some sap of General Jacqueminot among it, and much of its exquisite perfume. This is also a late bloomer, and purplish-crimson in color. One of the best and most distinct is Atropurpurea, a single-flowered variety that has very taking deep maroon-colored buds, opening into deep crimson and purple-crimson flowers that are greatly improved by the showy stamens. The flowers, as in the case of those of the original singles, are followed by showy hips of intensely deep crimson color.

Madame Georges Bruant is one of the first roses to open its flowers with me, does not cease all through the summer, and is in bloom when frosts arrive. This is a cross with the old tea Sombreuil, and the flowers are white, a little more than semi-double, and very round in the bud stage.

### Perovskia Atriplicifolia.

This interesting sub-shrubby plant has within the last few years made some considerable headway in gardens, and it may be met with as a group in the herbaceous border or the shrubbery, for it is fitted for both positions, a correspondent of The Garden writes. Growing from two feet to three feet high, it forms an upright plant with greyish stems and leaves. The latter are from one inch to two inches long and up to three-quarters of an inch wide, each having a saw-like margin. The flowers are borne during August and September in large inflorescences, which form the upper half of the shoots matured during the current year. They are blue in color and much like those of the lavender in shape. The plants ought to be cut well back in spring in order to secure good strong shoots for the flowering-time in autumn. Like many other plants which belong to the order Labiate, this one is attended with a decided perfume. Cuttings of young shoots inserted in sandy soil in July may be expected to form roots in a few weeks' time, while in two years from the time the cuttings are inserted strong flowering plants may be obtained. The species is found wild in the Himalayas, and may be grown in ordinary garden soil.

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ASTERS Vick's, Early Branching, Vick's Late Branching, Victoria Imp., all colors separate, Milado and Vick's Royal Purple, good healthy plants from seed bed at \$2.50 per 1,000 in any quantity. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Asters, Dreer's Peerless Pink and Pink Beauty, 2-in., \$3 per 100; \$25 per 1,000. Vick's early and late branching rose, pink and white, 2-in., \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Lady Roosevelt aster plants, large in-curved pink, stems 24 to 36 inches. Something choice, 50c per 100. Mrs. Edw. Hayden, Greenville, Ill.

Asters, good strong transplanted, \$1.50 per 100; \$12.50 per 1,000. Otto J. Hembricker, Lincoln, Ill.

## ASPARAGUS.

Asparagus plumosus seedlings, \$1.25 per 100; \$10 per 1,000. Sprenger, \$1 per 100; \$7.50 per 1,000. Plumosus, 2½-in., \$2 per 100; Sprenger, 2½-in., \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Hatcheri, 2½-in., \$15 per 100. Sprenger, 4-in., \$10 per 100; 3-in., \$8 per 100; \$60 per 1,000. A. N. Fiesion, Inc., Greenwell, Conn.

Asparagus Sprenger, 2½-in., \$2.50 per 100; \$20 per 1,000. Plumosus nanus, 2½-in., \$2 per 100; \$18 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Potbound 3-in. Sprenger, can be shifted into 6-in., \$8 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus plumosus, 2-in., \$3 per 100, THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprenger, 3½-in., strong, \$7 per 100; \$60 per 1,000. Cash, please. Harry Heini, West Toledo, O.

Asparagus Sprenger, from 3-in. notes, 3½c; strong stock. J. L. Schiller, Toledo, O.

Asparagus plumosus nanus, seedlings ready now at \$1 per 100; \$10 per 1,000; \$45 per 5,000. Cash with order, please. Floral Hill Gardens, G. F. Neid, Pross, Chatham, N. J.

Asparagus seedlings, Plumosus, 90c per 100; \$7.50 per 1,000. Sprenger, 60c per 100; \$5 per 1,000. Resser Plant Co., Springfield, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus Sprenger, 3-in., \$4 per 100; 2½-in., \$3. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

Asparagus Sprenger, 2½-in., 2c. Mosbak Greenhouse Co., Onarga, Ill.

Asparagus Sprenger, 4-in., \$5 per 100; 2-in., \$1.50. A. M. Herr, Lancaster, Pa.

Asparagus Sprenger, 3-in., \$3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus plumosus and Sprenger plants. W. H. Elliott, Brighton, Mass.

Asparagus Sprenger, 2, 2½ and 3-in., Vaughan's Seed Store, Chicago and New York.

## BAY TREES.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Bay trees (standards) fine assortment; sizes 12 to 48-inch crowns. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatories, Sidney, O.

Bay trees. Julius Roehrs Co., Rutherford, N. J.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock, 3-in., \$4 per 100; Salvia, hardy and Zurich; Ampelopsis Vetchill; Bonard English Ivy, passion vine, from 2½-in., \$2.50 per 100; German Ivy, Impatiens, Holsti and Sultana; cupheas, Snapdragons, Clematis paniculata, Abutilon Savitzi; Verbena, Salvia, Boudier, lobellias, Eucynema, radicans, cosmos. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprenger, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Schmidt, Bristol, Pa.

Bedding plants. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aeschmann, 1012 W. Ontario St., Philadelphia.

Seasonable stock. For varieties and prices see advertisement on front cover page. R. Vincent Jr. & Sons Co., White Marsh, Md.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100. Begonia La Fave, \$100 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias, Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2½-in., \$3 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonias, 2-in., Gracilis luminosa, Vernon, Erfordia Superba and Primadonna, \$2 per 100. Storrs & Harrison Co., Painesville, O.

Begonias. For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$15 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Begonia in bloom, 2½-in., 3c; 3-in., 6c. Mosbak Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Boxwoods. For sizes and prices see advertisement elsewhere in this issue. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood. For sizes and prices see advertisement elsewhere in this issue. Geo. Wittbold Co., 737 Buckingham Pl., Chicago.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Box trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000; Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs. E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus. Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

CANNAS, 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. Wilkinson Elliott, 200 Palmy, 200 J. D. Cabos, 100 Louisiana, 100 Flamingo, 300 Allemania, 100 Alphonse Boulvier, 50 Pres. McKinley, 150 Egalande, 200 Crispin Reider, 50 Wm. Parmenter, 50 Express, 100 P. Crozy, 200 Mme. Crozy, 50 David Harum, 300 Burbank, 100 S. D. A. Crozy, 100 Paul Marquant, 200 Mile. Henri, 50 Parterpe, 50 Ed. Hoss. All fine stock from 3-in. pots, \$4 per 100; 1,000 our selection for \$30. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Cannas, strong plants from 3½-in. pots. Queen Charlotte, Allemania, Henderson, Wallace and F. Vaughan, \$5 per 100. K. Humbert, \$8 per 100. Cash, please. Harry Heini, West Toledo, O.

CANNAS, 4-in. strong plants. Henderson, Wyoming, Egalande, \$8 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Cannas, Egalande, Marlborough, \$1.50. David Harum, \$2 per 100. J. H. Dann, Westfield, N. Y.

## CARNATIONS.

Carnations, strong, well branched field plants. APPLE BLOSSOM, Grower and endorsed by Patten & Co., carnation specialists, Tewksbury, Mass.) PINK DELIGHT, DOROTHY GORDON. Waukena Greenhouses, Braintree, N. Y.

Carnation Bright Spot. N. Zweifel, North Milwaukee, Wis.

Carnations. F. Dörner & Sons Co., La Fayette, Ind.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations. Wood Bros., Fishkill, N. Y.

## CHRYSANTHEMUMS.

### CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE—Estelle, Tousey, A. Byron, Ivory, Desjouis, PINK—Amoria, Pacific, M. Dean, Rosette, P. Ivory. YELLOW—G. Glow, Monrovia, Bonafont, Crema, Halliday, Golden Eagle, Y. Jones—\$2.00 per 100; \$15.00 per 1,000. Pacific Supreme, Edmond Ake, Baby Margaret, Mrs. Harley, Yellow Baby, \$2.50 per 100; \$20.00 per 1,000.

Cash or C. O. D.

WM. SWAYNE, KENNETT SQUARE, PA.

Strong, cheap surplus stock. Pacific Supreme, Oct. Frost, Jennie Nolin, Golden Glow, Ivory, Monrovia, Babes, White, Pink and Yellow, 2 1/2-in., \$1.75 per 100. 1 grow 30,000 for market and have a choice yellow "no name," early as Supreme, easy doer; good shiner; try it at \$2.50 per 100. W. D. Oviatt, 520 Highland Ave., Rochester, N. Y.

Chrysanthemum plants. V. Poehlmann, Golden Glow, Estelle, Dr. Engender, Alice Byron, \$3 per 100; \$25 per 1,000. Chicago Carnation Co., A. T. Pryer, Mr. 30 E. Randolph St., Chicago.

Chrysanthemums, Estelle, Polly Rose, Oct. Frost, Ivory, Glove Pacific, P. Ivory, M. Bailey, G. Glow, Bonafont, \$1.25 per 100; \$10 per 1,000. P. H. Green, Boonsho, Mich.

Chrysanthemums, from 2-in. pots, Elise Pander, 3c. Pres. Taft, 4c. Oct. Frost, Golden Glow, Major Bonafont, 3c. J. L. Schiller, Toledo, O.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Pacific Supreme, R. C. 2c. per 100; \$15 per 1,000; 2 1/2-in., \$2.50 per 100; \$20 per 1,000. J. D. Thompson, Carnation Co., Joliet, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, standard vars., \$2.50 per 100. Storrs & Harrison Co., Painesville, O.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, Stellata, dwarf hybrid grandiflora, 2 1/2-in., \$2.50 per 100; 3-in., 4c. Mosbek Greenhouse Co., Onarga, Ill.

## CLEMATIS.

Clematis, large flowering, 2-yr., \$3 per doz. Panchula, 4-in., \$10 per 100; 3-in., 4c. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

Clematis paniculata, \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COBEAS.

Colea Scandens, 4-in., \$10 per 100. Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Colea Scandens, 3-in., 4c.; 4-in., 10c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

Coleus, a grand collection, named, 70c per 100; \$6 per 1,000 prepaid. C. Humfeld, Clay Center, Kans.

Coleus, 2 1/2-in., \$2.50 per 100. Cash, please. Harry Heintz, W. Toledo, O.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbek Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffelti, and others, stocky plants, 3c. each. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 good vars., 2-in., 2c. J. L. Schiller, Toledo, O.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## CROTONS.

Crotons, 5-in., 75c each; \$9 per doz.; 6-in., \$1 each; \$12 per doz. A. N. Pierson, Inc., Cromwell, Conn.

## CYCLAMENS.

Cyclamens. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Koehrs Company, Rutherford, N. J.

Cyclamens, 2 and 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$10. The Leedham Bulb. Co., Santa Cruz, Calif.

Cyclamens, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Siddhanti & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

## DHALIAS.

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J. P. O. Berlin, N. J.

## DAISIES.

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

Daisies, in bloom, \$10 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DRACENAS.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz; 4-in., \$3 per doz. THF GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 2-in., 2c; 2 1/2-in., 2 1/2c; 3-in., 3c. J. H. Dann & Son, Westfield, N. Y.

Dracena, 5-in., \$20 per 100. Cash please. Harry Heintz, West Toledo, O.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

## FERNS.

BOSTON FERNS, 2-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$5 per 100; \$50 per 1,000; 4-in., \$1.50 per doz.; \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Adiantum Farleyense, 1 1/2-in., \$10 per 100; 2 1/2-in., \$15. J. A. Peterson, Westwood, Cincinnati, O.

Ferns, Boston, 2 1/2-in., \$4 per 100; 3-in., \$7. Storrs & Harrison Co., Painesville, O.

Ferns, Boston, 4-in., \$12 per 100. Wagner Park Conservatories, Sidney, O.

Ferns, Boston, 3-in., Sec. 8-in., \$1; 10-in., \$1.25; 12-in., \$1.50 each. Mosbek Greenhouse Co., Onarga, Ill.

Ferns, Boston, 2-in., \$8 per 100. Reeser Plant Co., Springfield, O.

Ferns, leading vars. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns, Boston. For prices and sizes, see advertisement on front cover page. Vaughan's Seed Store, Chicago and New York.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechal, 4911 Quincy St., Chicago.

Neph. Glatras, 2 1/2-in., \$2 per doz.; \$12 per 100; \$100 per 1,000. Geo. Glatras, 463 Summit Ave., West Hoboken, N. J.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns. Bobbink & Atkins, Rutherford, N. J.

## FEVERFEW.

Feverfew, 4-in., strong, 5c. Cash. J. R. Hamilton, 18 Walter St., Salem, Mass.

## GERANIUMS.

Geraniums, best standard sorts, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100. Silver Leaf Nut. Sophie Dumareque, Mt. of Snow, Duke of Edinburgh, L. Eleganza, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$4 per 100. Apple, rose, nutmeg, lemon, etc., 2-in., \$2 per 100; 3-in., \$3. R. Vincent Jr. & Sons Co., White Marsh, Md.

### STOCK PLANTS.

Nutt, Grant, Pottierine, Buchner, A. No. 1 stock to bed out for cuttings, one-year-old, \$4 per 100; \$35 per 1,000; 250 at 1,000 rate. Cash. The W. T. Buckley Co., Springfield, Ill.

3,000 surplus geraniums, in 3 1/2 and 4-in. Nutt, Pottierine, Jean Vland, La Favorite and others. Write how many you need and will make price right to move them. Leo Wellenreitter, Danvers, Ill.

Geraniums, 12,000 in full bloom, all leading varieties, principally Nutt, 4 and 4 1/2-in., \$7 and \$8 per 100. Cash please. F. Rieth & Co., Downers Grove, Ill.

Geraniums in bud and bloom from 3-in. Nutt, Pottierine, J. Vland, Richard and Ida, White, \$4 per 100. Cash, please. Harry Heintz, West Toledo, O.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vland, Castellane, Pottierine, Janin, Richard, Buchner, A. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, nice stock plants, bud and bloom, 4-in., Nutt, Richard, Reute Pottierine, Buchner, A. \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

Geraniums, our selection, 4-in., \$7 per 100; 3-in., \$4 per 100; 2-in., \$2 per 100; \$18.50 per 1,000. More than 100 varieties. Send for geranium catalogue. A. D. Root, Wooster, Ohio.

Geraniums, standard varieties, 2 1/2-in., \$3 per 100; \$25 per 1,000. Mosbek Greenhouse Co., Onarga, Ill.

Geranium Mme. Sailer, 3-in., extra fine stock at \$3 per 100. Cash. Plattville Floral Co., Plattville, Wis.

Geraniums, R. C. Nutt, Richard, Pottierine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 4-in., \$3 per 100. Frank Felke, Wilmette, Ill.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Cut Flower Exchange, 33 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cossonas & Co., 60 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Lorita, \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ala.

## HARDY PLANTS.

Perennial Seedlings, hollyhocks, under color, \$10 per 1,000. Garden pink, Lychnis Hagea, Pyrethrum, Gaillardia, grandiflora and Sweet William, \$5 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

## HELIOTROPES.

Heliotrope, 3-in., \$4 per 100. Cash, please. Harry Heintz, West Toledo, O.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## HIBISCUS.

Hibiscus Peachblow, 2 1/2-in., \$3 per 100. Jackson & Perkins Co., Newark, N. Y.

## HYDRANGEAS.

Hydrangeas, 6, 7 and 8-in., 75c, \$1, \$1.25 and \$1.50 each; 12-in., \$2.50; 14-in., \$3.50; extra tubs, \$3 each; 16-in., \$4; 18-in., \$5; extra large specimen in half barrels, \$10. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Hydrangea Avalanche, 2 1/2-in., pots, 60c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

## JERUSALEM CHERRIES.

Jerusalem cherries, 2 1/2-in., \$3 per 100. Jackson & Perkins Co., Newark, N. Y.

## JUMPING BEANS.

Mexican Jumping Beans. Live beans that continue to jump for weeks; the greatest wonder for show window and counter trade, 60c per 100; \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

## LEMONS.

Lemon Panderosa, 2 1/2-in., \$2.50 per 100. Jackson & Perkins Co., Newark, N. Y.

## LILACS.

Lilacs. Jacs Smits, Lt., Naarden, Holland.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**LILY OF THE VALLEY.****To Import.**

Lily of the valley. *Jacs Smits, Ltd., Naarden, Holland.*

Lily of the valley. *Otto Mann, Leipzig, Saxony, Germany.*

**From Storage.**

Lily of the valley, cold storage plants, case of 1,000, \$13; case of 3,000, \$36. *J. M. Thorburn & Co., 33 Barclay St., New York.*

Lily of the valley. *P. N. Bruus, 3038-42 W. Madison St., Chicago.*

**MOONVINES.**

Moonvines, 2½-in. \$3 per 100; 5-in., 4 ft. top, \$2 per doz. *Storrs & Harrison Co., Painesville, O.*

Moonvines, 2½-in. \$5 per 100. *Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.*

**MUSHROOM SPAWN.**

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer. *Niagara Mushroom and Spaw Co., Lockport, N. Y.*

Mushroom Spaw. *Lambert's Pure Culture, American Spaw Co., St. Paul, Minn.*

**NURSERY STOCK.**

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. *Bobbink & Atkins, Rutherford, N. J.*

Nursery stock, large trees, oaks, maples, pines and hemlocks. *Andorra Nurseries, Chestnut Hill, Philadelphia.*

**ORANGES.**

Oranges, Otaheite, 2½-in. \$3 per 100. *Jackson & Perkins Co., Newark, N. Y.*

**ORCHIDS.**

Orchids, importers, exporters, growers and hybridists. *Sander, St. Albans, England; New York office, room 721, 258 Broadway.*

Orchids, largest stock in the country. *Julius Roehrs Co., Rutherford, N. J.*

Orchids of all kinds. *Lager & Hurrell, Summit, N. J.*

**PANDANUS.**

PANDANUS UTILIS, 4-in. \$3 per doz.; 5-in. \$5 per doz.; 7-in. \$12 per doz. *THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.*

Pandanus Veitchii, 60c, 75c, \$1, \$1.50 to \$3 each. *A. A. Peterson, Westwood, Cincinnati, O.*

**PANSIES.**

PANSIES, giant, transplanted, field-grown, in bud and bloom, in good assortment of the finest strains at \$1 per 100; \$9 per 1,000. Special price on 5,000 lots and over. *E. Rawlings, Wholesale Grower, Olean, N. Y.*

**PALMS.**

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. *Latania Borb., 3-in., \$8 per 100; \$60 per 1,000. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.*

Phenix Canariensis, 2 to 2½ ft., 65c; 2½ to 3 ft., 75c; 3 to 3½ ft., \$1; 3 to 4 ft., \$1.25. *Kentia Nurseries, Santa Barbara, Calif.*

Palms. For prices and varieties see advertisement elsewhere in this issue. *Storrs & Harrison Co., Painesville, O.*

Phenix Canariensis. For sizes and prices see advertisement elsewhere in this issue. *The Geo. Wittbold Co., 737 Buckingham Place, Chicago.*

**PEONIES.**

Peonies, all vars. *Jacs Smits, Naarden, Holland.*

**PHLOX.**

Phlox, 15 vars., R. C., \$1.25 per 100 by mail, \$10 per 1,000 by express. *A. M. Herr, Lancaster, Pa.*

**POINSETTIAS.**

Poinsettias, 2½-in. \$6 per 100; \$50 per 1,000. *Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.*

Poinsettias, 2½-in. \$5 per 100; \$45 per 1,000. *Scranton Florist Supply Co., Scranton, Pa.*

Poinsettias, 2½-in. \$6 per 100. *A. Henderson & Co., 102 N. Wabash Ave., Chicago.*

Poinsettias, \$6 per 100. *The Leedham Bulb Co., Santa Cruz, Calif.*

**PRIMULAS.**

Primulas from 2-in. pots, frame grown, no better strains in existence. *Chinensis*, the best giant fringed, 12 separate colors, mixed, 2c. *Obconica grandiflora*, Ronsdorfer and Lattmann, unrivaled hybrids, 14 colors or mixed, 2½c. *Obconica gigantea*, 5 colors or mixed, 3c. *Ready June 20, J. L. Schiller, Toledo, O.*

**RHODODENDRONS.**

RHODODENDRONS for Decoration Day forcing. *See in.* *GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.*

**ROSES.**

|                         | ROSES. | Per 100. | Per 1,000. |
|-------------------------|--------|----------|------------|
| Bride, 2½-inch          | .....  | \$3.00   | \$25.00    |
| Bridesmaids, 2½-inch    | .....  | 3.00     | 25.00      |
| Uncle John, 2½-inch     | .....  | 3.00     | 25.00      |
| Mrs. Jardine, 2½-inch   | .....  | 3.00     | 25.00      |
| Richmond, 2½-inch       | .....  | 3.00     | 25.00      |
| Pink Killarney, 2½-inch | .....  | 5.00     | 40.00      |
| White Killarney         | .....  | 5.00     | 50.00      |

WITTOR BROTHERS.  
162 North Wabash Ave. Chicago.

**ROSE PLANTS FROM 3-IN. POTS.**

|                 | Per 100.    | Per 1,000. |
|-----------------|-------------|------------|
| Pink Killarney  | .....\$4.00 | \$35.00    |
| White Killarney | .....6.00   | 50.00      |

One-year-old.  
American Beauty, bench plants 3.00 25.00

GEO. REINBERG,  
162 N. Wabash Ave. Chicago.

Roses, strong clean stock, own roots, Brides and Bridesmaids, \$7 per 100. *Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. E. R. Quinlan, Syracuse, N. Y.*

Roses, 2½-in. Pink Killarney, \$5 per 100; \$55 per 1,000. Richmond, \$5 per 100; \$45 per 1,000. *Perle, \$5.50 per 100; \$50 per 1,000. Richmond, 2½-in., \$8 per 100; \$65 per 1,000. Bench Pink Killarney, \$60 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.*

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000; 2½-in., \$5 per 100; \$45 per 1,000. *WEILAND & RISCH, 134 N. Wabash Ave., Chicago.*

Roses. For prices and varieties see advertisement in this issue. *The Phoenix Nursery Co., Bloomington, Ill.*

Roses, Killarney and White Killarney, 2½-in., \$6 per 100. *Castle Grove Greenhouses, Danville, Pa.*

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. *GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.*

Roses, Newport Fairy, 50c each; \$20 per 100. *Julius Roehrs Co., Rutherford, N. J.*

Roses. For varieties and prices see advertisement elsewhere in this issue. *J. L. Dillon, Bloomsburg, Pa.*

Roses on own roots, budded, bedding, H. P.'s hybrids and teas. *W. & T. Smith Co., Geneva, N. Y.*

Roses, Kaiserin, Rhea Reid, Killarney, Bon Silene and Safrano. *W. H. Elliott, Brighton, Mass.*

Roses. For varieties and prices see advertisement elsewhere in this issue. *Poehlmann Bros. Co., Morton Grove, Ill.*

Roses. For varieties and prices see advertisement elsewhere in this issue. *A. N. Pierson, Inc., Cromwell, Conn.*

Roses. *Leedle Floral Co., Springfield, O.*

**SALVIAS.**

Salvias, 4 different varieties, 2 and 2½-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. *Cash, please. F. Rieth & Co., Dow's Grove, Ill.*

Salvia Zurich, 2-in., 2c; 3-in., 3c. *Bavaria, White Zurich, 2-in., 2½c; Jewell, introduction 1911. 2-in., \$1 per doz. J. L. Schiller, Toledo, O.*

Salvia Zurich and L. Fauntleroy, 3-in., \$4 per 100. *Cash please. Harry Heisl, West Toledo, O.*

Salvias, 2½-in., \$3 per 100. *Jos. H. Cunningham, Delaware, O.*

Salvias, 4-in., \$3 per 100. *THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.*

Salvia Splendens and Zurich, 2½-in., \$2.50 per 100. *Storrs & Harrison Co., Painesville, O.*

Salvias, 2,000 healthy plants, 4-in., \$8 per 100. *Frank Felke, Wilmette, Ill.*

**SEEDS.**

Seeds, *Phenix canariensis*, \$1.50 per 1,000. *Phenix reclinata*, \$2.25 per 1,000. *Phenix sylvestris*, \$3 per 1,000. *Washingtonia filifera*, \$1 per 1,000; \$4 per 5,000. *Chamaecyparis*, 75c per 1,000. *Erythraea amata*, 100 seeds, \$1; \$5 per 1,000. *Asparagus plumosus nanus*, 1,000 seeds, \$2.50; 2,000 seeds, \$4.75; 5,000 seeds, \$11.25; 10,000 seeds, \$20. *Strawberry guava*, 35c per oz.; \$3 per lb. *Frank M. Warner, 1100 So. Flower St., Los Angeles, Calif.*

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars., melons, celery, egg plant. *Federico C. Varela, Teneriff, Canary Islands, Spain.*

Seeds, onion, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify. *C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.*

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. *The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.*

Seeds, Roemer's Superb Prize pansies. *Fred. Roemer, Quedlinberg, Germany.*

Seeds, *Asparagus plumosus nanus*. For quick sale, \$1.75 per 1,000; 25,000 and over at \$1.50. *Drake Point Greenhouses, Yalaha, Lake Co., Fla.*

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. *Chr. Olsen, Odense, Denmark.*

Seeds, aster, best standard varieties. *Elmer D. Smith & Co., Adrian, Mich.*

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. *The J. C. Robinson Seed Co., Waterloo, Neb.*

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. *S. M. Isbell & Co., Jackson, Mich.*

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. *John Bodger & Sons Co., Los Angeles, Calif.*

Seeds, growers of peas, beans, sweet corn. *Sloux City Seed and Nursery Co., Sloux City, Iowa.*

Seeds, lettuce, onions, sweet peas, aster, cosmos, nigunette, verbena. *Waldo Rohrbert, Gilroy, Calif.*

Seeds, grower and exporter of vegetable, flower and farm seeds. *Henry Mett, Quedlinburg, Germany.*

Seeds, field, garden and flower. *Routzahn Seed Co., Arroyo Grande, Calif.*

Seeds, beans. *Henry Fish Seed Co., Carpinteria, Calif.*

Seeds. Growers for the wholesale trade only. *Brasian Seed Growers' Co., San Jose, Calif.*

**SMILAX.**

SMILAX, 10,000 fine strong 2½-in. plants, \$2 per 100; \$17.50 per 1,000. Immediate shipment. *WEILAND & RISCH, 154 N. Wabash Ave., Chicago.*

Smilax, \$1.50 per 100; \$12.50 per 1,000. *A. M. Herr, Lancaster, Pa.*

Smilax. *Wood Bros., Fishkill, N. Y.*

**SNAPDRAGONS.**

Snappedragons, pure pink, best seller of all snappedragons, 2½-in., \$2 per 100; \$18 per 1,000; 500 at 1,000 rate. *Cash. Clement S. Levis, Aidan, Del. Co., Pa.*

Snappedragons, 2½-in., white, pink, yellow and red, \$3 per 100. *Cash please. Harry Heisl, West Toledo, O.*

**STEVIA.**

Stevia, \$1 per 100; \$8 per 1,000. Express paid. *C. Humfeld, Clay Center, Kans.*

**STOCKS**

Stocks, white, 4-in., ready to bloom, 3c. *Cash. J. R. Hamilton, 18 Walter St., Salem, Mass.*

**SPIREAS.**

Spiraea. *J. Smits, Ltd., Naarden, Holland.*



**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Rohrs Co., Rutherford, N. J.

**SWAINSONA,**

Swainsona alba, strong, 2 1/4 in., \$3; in bud and bloom, strong, 3 in., \$6. W. J. Olds, Union City, Pa.

**VEGETABLE PLANTS.**

**VEGETABLE PLANTS.** Cabbage: Chas. Wakefield, Succession and Danish Ball Head, \$1 per 1,000; \$7.50 per 10,000. Lettuce: Grand Rapids and Big Boston, \$1 per 1,000; \$7.50 per 10,000. Cauliflower: Henderson's Early Snowball, equal to transplanted, \$2.50 per 1,000. Tomatoes: Transplanted, \$3 per 1,000. Our plants are in excellent shape and well hardened in cold frames. Careful packing, prompt shipment. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Vegetable plants: Cabbage: Wakefield, All head, Succession, etc., \$1 per 1,000; 10,000 and over, \$5c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, \$5c per 1,000. Beets, Crosby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Cabbage plants: lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

300,000 Yellow Jersey and Red Bermuda sweet potatoes. 100,000 Early and late tomatoes, \$2 per 1,000. 100,000 early and late cabbage, \$1.50 per 1,000. Cash. Mrs. Edw. Hayden, Greenview, Ill.

Southern Queen and Yellow Jersey sweet potato plants, \$2 per 1,000, f. o. b. Rush your orders: rates on large amounts. H. P. Miller, Cobden, Ill.

Tomato plants, \$1.50 per 1,000. Cabbage, lettuce, beef and pepper plants. Warren Shinn, Woodbury, N. J.

**VERBENAS.**

Verbenas, 4 colors or mixed, 2 in., 2c. J. L. Schiller, Toledo, O.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinea Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid; by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

**VIOLTS.****VIOLT CUTTINGS.**

FANCY PRINCESS OF WALES.

\$12 per 1,000.

KENNICOTT BROS. COMPANY,

163-165 N. Wabash Ave.,

CHICAGO.

**WALLFLOWERS.**

Wallflowers, 1-in., in bud, 3c. Cash. J. R. Hamilton, 18 Walter St., Salem, Mass.

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 121 E. 26th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3593 Shields Ave., Chicago.

Boilers, all sizes. Krosschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burdham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 606 N. State St., Chicago.

**INSECTICIDES**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs. \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides. Aphine, \$1 per quart; \$2.50 per gal. Fungine, 50c per quart; 2c per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kild Tobacco Powder, \$3 per bag 100 lbs. The H. A. Sneathoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Pook, \$6.50 per case of 12 paraffined boxes.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, 3/8 and 1/2, 40c per lb.; 10c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burdham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

**GUTTERS**

Gutters. Jennings' Improved Iron Gutters. Miller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**MISCELLANEOUS.**

Coal, Sunshine, Indiana Brazil Block, Pocahontas, W. Va. Salemt, Youghiogheny. Southern Illinois. R. C. Whitsett Coal and Mining Co., 537 S. Dearborn St., Chicago.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerrmoor, Pa.

Cliffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Florist Coal, New River, Pocahontas and W. Virginia. Pinger Coal Co., Old Colony Bldg., Chicago.

Model extension carnation support; galvanized rose stakes. Igoo Bros., 266 N. 9th St., Brooklyn, N. Y.

Gummed gold, silver and purple letters. J. Liechtenberger, 1564 Ave. A, New York.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 515 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Boigiano & Son, Baltimore, Md.

Mastics for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Peerless Sulphur Blower, \$4. McMorran & Co., 162 N. Clinton St., Chicago.

Thibault's Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Cut flower and design boxes, all sizes. C. C. Poliworth Co., Milwaukee, Wis.

Superior Carnation Staple, 1,000 for 50c. L. J. Waite, 293 Main St., Springfield, Mass.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Glass for greenhouses. W. R. Jones & Co., 502 Union Nat. Bk. Bldg., Columbus, O.

Seed packets. The Brown Egg Filling Machine Co., Pittsburgh, Mass.

**POTS, PANS, ETC.**

The Red Pot. C. C. Poliworth Co., All roads connect with Milwaukee.

Pots, J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Pots, Florist, red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

**RAFFIA.**

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

**STAKES.**

Cane Stakes. Standard grade, 6 to 8 feet, per 100, \$5c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

OFFICIAL S. A. F.

**Shipping Labels**

Actual size of leaf 2 3/4 x 5 1/4 inches.

**FOR CUT FLOWERS:** in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price: Per 500, \$2.85, per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

**AMERICAN FLORIST CO.,**

440 S. Dearborn St. CHICAGO.

**Circulation in  
Buyers' Brains**

Is the kind enjoyed by the American Florist. Its actual paid circulation we believe, is the largest in its class. The contents are of real present value and are preserved for future reference. Advertisers who realize this establish permanent business with the best trade in the United States and Canada.

**If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It**

## Some Common Sense, Sense on Greenhouse Buying



YOU go to the Florists' Conventions to find out what the other fellow is doing.

You read the florists' papers for the same reason. In other words, you want to make sure that your methods are the surest and best methods. You seek the benefit of many men's minds.

You have caught the progressive spirit of the age and are suspicious of the "one man propositions." "Right you are!"

By the same token, isn't it equally to your advantage when you come to buy a greenhouse, your heating, and so on, to buy them from a firm made up of, say, half a hundred experts?

It stands to reason that construction experts know more about construction than heating men, and that heating men have their hands full without butting into the construction. Both, to our notion, require highly experienced engineers—not just men who have picked up the greenhouse business.

We sell you a greenhouse. It seems easy to you when our salesmen or one of our ads. has it all nicely condensed. But do you realize what a lot of condensing and planning are required by our experts behind the scenes, to bring about these seemingly simple results?

After you have placed an order, the details of construction, heating, ventilating, etc., are again carefully gone over. You get the benefit (at no extra cost to you) of many men's knowledge, based on over half a century of greenhouse building.

As a further advantage to you, is the fact of our having two factories—one at Irvington, N. Y., the other at Des Plaines, Ill.—shipment can be made from which ever will save you the most freight.

Besides all this, our number of employees (now over 400) has steadily increased with the business, so that you get the same personal, careful attention that our customers did when our office was under the stairs in the wood-working mill, and when to "get out a job" the mill was closed and all hands went out and helped erect it.

To get down to the truth of matters, we are big enough to sell you a hundred-pound keg of putty—and nothing else with that order—or a greenhouse of the largest sort that is safe and economical.

A good many of our really big customers started by ordering a tub of our Stay Put Putty.

Order what you like—but get started!

Not "just putty," but a special Greenhouse Putty—the putty that stays put.

[Sold 2½ tons to one man last week. You might start with a 100-lb. keg as a try out.]



**Lord and Burnham Co.** Irvington, N. Y., and Des Plaines, Ill. New York St. James Building. Boston Tremont Building. Philadelphia Heed Building. Chicago Rookery Building

### Notes of the Chicago Coal Trade.

Close study of the coal market fails to show any new features of interest to our greenhouse coal consumers, except in the change of temper among the smokeless and Hocking coal dealers, who are reported to have come to an agreement upon smokeless and Hocking coal prices. But from general indications there seems to have been another disagreement for we find that smokeless coal is being bought at from 75 to 90 cents a ton at the mines. These purchase prices, compared with the circular prices of \$1 mine run, show the renewal of warfare among the smokeless and Hocking dealers and if greenhousemen consider their own interests they will take advantage of this condition and make early purchases.

W. F. Dunk, president of the Northern States Coal & Mining Co., at the Fisher building, who has catered to the greenhouse trade for many years with great success, reports that the company's greenhouse orders for 1911 show an increase of more than 55 per cent over 1910, and takes great pleasure in thanking the greenhousemen, through our columns, for their kind patronage and says that he is still on the market with some very fine grades

**R. C. Whitsett Coal and Mining Co.** Long Distance Phone 8032 537 South Dearborn St., CHICAGO.  
We Mine and Ship the Following High Grade Coal:

SUNSHINE  
INDIANA BRAZIL BLOCK  
POCAHONTAS

**COAL FOR**

WEST VA. SALENT  
YOUGHIOGHEN  
SOUTHERN ILLINOIS

Write for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.

**IMMEDIATE OR SUMMER DELIVERIES.**

of greenhouse coal for immediate or summer shipments at greatly reduced prices.

President Pinger, of the Pinger Coal Co., reports very favorably upon this year's greenhouse business and upon the satisfied greenhouse customers of his in the past, who are rallying around him with orders for immediate and summer delivery. He reports that he has a very fine grade of New River, Pocahontas and West Virginia coals, which he can ship at greatly reduced prices in the month of June, as prices are expected to advance in July.

R. C. Whitsett, of the Whitsett Coal and Mining Co., is all smiles these days for many of the greenhousemen have taken advantage of his high grade block coal offers and are sending in their orders fast for this coal before July 1, when block coal is expected to advance 15 cents per ton. He also has some very fine grades of Pocahontas and smokeless coals.

Manager M. A. Rolfe, of the Black Gem Coal and Coke Co., for the benefit

## Florists' Coal!!

New River, Pocahontas  
and W. Virginia Coals.

Write or Phone for Immediate  
or Summer Deliveries.

## Pinger Coal Co.

Phone Harrison 6823.

Old Colony Bldg., Chicago.

of prospective greenhouse coal buyers, has experimented with his company's famous Black Gem block coal, and asserts that the block coal is guaranteed smokeless and not to clinker, also of high heating value, and recommends same to all greenhousemen.





## ADVANCE MACHINES

Now that you are building a new greenhouse this spring, why not put in the same, up-to-date ventilating machinery and greenhouse fittings?

How about some steel shelf brackets for 10c single and 15c double, and to fit any size pipe from 3/4 inch to 2 inch inclusive with arms to carry 8-inch or 12-inch boards.

**THE ADVANCE CO.,**  
542 N. 14th St.,  
RICHMOND, IND.

## Landscape Gardening



PROF. CRAIG.

A course for Gardeners, Florists and Home-makers, taught by Prof. Craig and Prof. Beal of Cornell University.

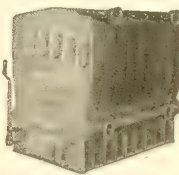
Progressive Florists recognize the growing importance of a knowledge of Landscape Art. Gardeners who understand up-to-date methods and practice are in demand for the best positions.

A knowledge of Landscape Gardening is indispensable to those who would have the pleasantest homes.

250-page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.

## THE BURNHAM



**Hot Water or Steam.**  
56 Sizes  
Heats from 1,850 to 27,000 square feet  
Send for Catalogue

**Lord and Burnham Co.** New York, Boston  
Irvington, N.Y. Philadelphia  
Chicago



## Raffia

**For Florists' Use**

We are positively headquarters for two best grades, 1 bale or 10 bales.

Write today for prices.

**VAUGHAN'S SEED STORE**  
New York Chicago.

**Holds Glass Firmly**  
See the Point AT  
**PEERLESS**

Glazing Points are the best. No sights or joints. Box of 1,000 points 15 cm. postpaid.

**HENRY A. DEER,**  
214 Chestnut St., Phila., Pa.

FULL SIZE  
No. 2



# Everything for the Greenhouse

**Woodwork, Glass, Pipe,  
Boilers, Fittings, Hose,  
Ventilating Machinery**

PRICES ALWAYS RIGHT.

**JOHN C. MONINGER GO.,** —902—  
Blackhawk St., Chicago

Mention the American Florist when writing

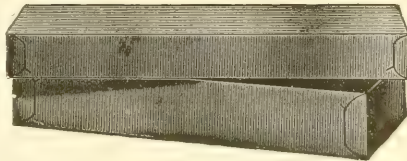
# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

Mention the American Florist when writing



**CUT FLOWER  
—AND—  
Design Boxes**

All sizes, lowest prices. Write.

**C. C. Pollworth Co.,**  
MILWAUKEE.

**Greenhouse  
Material**

of Louisiana Cypress and  
Greenhouse Hardware and Posts



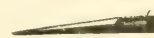
**Hot Bed Sash**

Washington Red Cedar,

Patent V and U Gutters.

Our grade invariably the best, our prices right.  
Write for catalog and estimate when figuring on your new houses.

**A. DIETSCH CO.,** 2642 Sheffield Avenue, CHICAGO



**SIEBERT'S ZINC  
Never Rust  
GLAZING POINTS**

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes 3/4 and 1/2. 40c per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

**RANDOLPH & McCLEMENTS,** Successors to  
Chas. T. Siebert, Baum & Beatty Sts., Pittsburgh.

## Peerless Sulphur Blower

"A great improvement over the bellows."

Price, \$4.00 F. O. B. Chicago.

**McMORRAN & CO.,**  
162-166 N. Clinton St., CHICAGO

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St.  
NEW YORK.

## Flower Colors

Use our **COLOR CHART** in describing them.  
**PRICE, \$1.00 POSTPAID.**

**American Florist Co.,**  
440 S. Dearborn St., CHICAGO

# Aphine

*The Insecticide that  
kills plant lice  
of every species*

Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale and all soft bodied insects.

An excellent cleanser for decorative stock. Used as a spray you can rely on it for positive results, without fear of failure or dissatisfaction.

\$2.50 per gallon; \$1.00 per quart.

## FUNGINE

An infallible remedy for mildew, rust and other fungus diseases. A clean, safe and easily applied spraying material.

It has no equal for destroying mildew on roses and carnation rust.

\$2.00 per gallon; 75c per quart.

For Sale by Seedsmen.

Send for name of nearest selling agent.

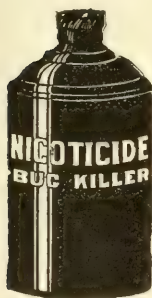
Our products are not alone endorsed, but are continuously used by leading commercial growers, professional gardeners, park departments and state colleges of the country.

Aphine and Fungine can be used in house or field.

Manufactured by

**Aphine Manufacturing Company**  
MADISON N. J.

Mention the American Florist when writing



## THE BEST Bug Killer and Bloom Saver

For PROOF

Write to

**P. R. PALETHORPE  
COMPANY,**

Owensboro, Ky.

Mention the American Florist when writing

*green flies and  
black ones too*

are easy to kill with

**The Fumigating Kind Tobacco Powder**

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE R. A. SPOOTHOFF CO., MOUNT VERNON, N. Y.

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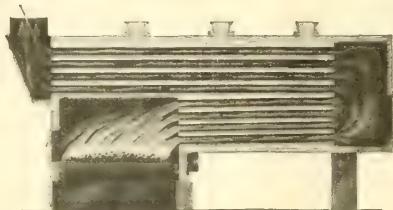
Denver.

The Denver Wholesale Florists' Co. has brought suit against William C. Walters, a member and holder of 1,000 shares of stock in the company. The company was organized in June, 1909, by Walters, Emil Glauber, J. B. Benson, L. C. Waterbury, Frank Hall, Ben Boldt and F. C. Maler. The organization was perfected to act as a clearing house for the cut flower products of the greenhouses of the various incorporators, it being agreed that none of the organizers were to open stores or otherwise sell flowers at retail or to others than the firm. Contrary to this agreement Walters last April opened a store and started selling at retail. Ernest Morris is trustee for the stock of the company of which 1,000 shares was owned by each of the organizers. The court is asked to order him to turn Walters' stock into the treasury of the company as liquidated damages for Walters' alleged failure to live up to his agreement with the other members.

PHILADELPHIA, Pa. — The annual Main Line flower show was held at Haverford May 27 and was a great success and largely attended. Silver cups and other premiums were awarded for roses, perennials and flowering shrubs.

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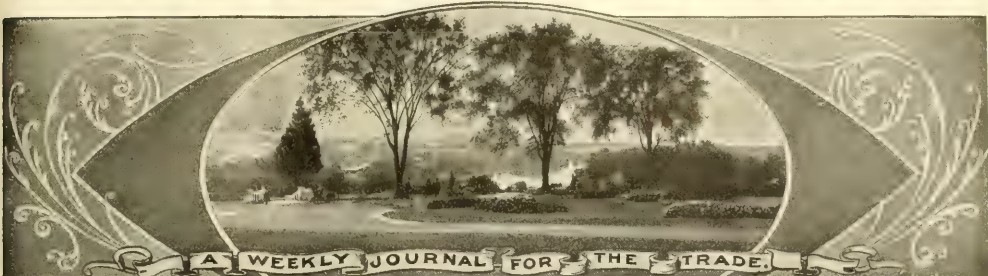
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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JUNE 17, 1911.

No. 1202

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

Copyright, 1911, by American Florist Company  
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### Our Supplements.

Subscribers should see that they get copies of  
the fine supplementary illustrations showing  
high grade design and decorative work. These  
fine supplements should be carefully pre-  
served, as they mean much to the retail florists  
in dealing with their customers, illustrating as  
they do the various kinds of work that the  
everyday florist is called upon to perform.

The papers in which the supplements appear  
should be likewise preserved, as they contain  
much valuable data with regard to these special  
illustrations. Subscribers should see that they  
get every issue as otherwise they may miss  
some of this high grade work.

## SUGGESTIONS FOR PLANT GROWERS.

### Canterbury Bells.

There is always a demand in the  
spring for something different than the  
flowers which the buyers have seen all  
through the winter and many growers  
have a call for some of the forced per-  
ennials. Canterbury bells are grown  
for this purpose and if well grown find  
a ready sale. Seeds sown now and  
grown on in pots, being shifted into  
larger sizes as may be required, will  
bloom next spring and help furnish the  
grower with a variety of stock. They  
should be grown cool during the early  
winter, a violet house or one of a sim-  
ilar temperature being about right, and  
then brought into a warmer house with  
a temperature of 50° in late winter  
where they will produce fine blooms  
for early spring. By bringing a few  
at a time into the warmer house a  
succession of bloom may be had.

### Ardisia Crenulata.

The seeds of ardisia may be sown at  
any time during spring and as it will  
take until another year to grow plants  
that will fruit it is not material at  
which particular time they are sown.  
The seeds are a little slow in germinat-  
ing and it is better to sow them in the  
manner of sowing cyclamen, about half  
an inch apart. In early summer they  
should be potted in 2½-inch pots and  
are better grown in a frame than in the  
greenhouse. In the fall when brought  
into the houses they should be again  
potted in three or four inch pots and  
grown in a temperature of 50°. The  
plants are of a woody nature and grow  
slowly and should not be potted into  
too large pots, for it is far better to  
allow the roots to fill the pots before  
shifting. The following spring they will  
bloom, and should then be potted in  
6-inch pots and given a cool location  
in the houses. After the fruit has  
formed and grown to good size the  
plants should be given a good sunny  
position that they may take on a bright  
color by Christmas. If the plants are  
grown too warm the foliage will be  
thin and lack the substance and lustre  
which makes them so much admired in  
the cooler grown plants, and the  
warmer grown stock gets chilled very  
easily, when the berries will drop off.

The only insect which infects this plant  
is the brown scale, which, if not de-  
stroyed, will cover the plant stem com-  
pletely. These should be carefully re-  
moved and continually guarded against.  
If there are any old plants that have  
dropped their lower leaves the top of  
these can be rooted in a similar manner  
to rooting rubbers, that is, by cutting  
into the stem and mossing the cut after  
the roots have appeared in the moss,  
the top cut off below the moss and  
potted.

### Dracaena Indivisa.

The seedlings of *Dracaena indivisa*  
should now be taken from the flats  
and potted in small pots and placed in  
a good moist location that they may  
make a good growth before the fall.  
A palm or fern house or one with  
similar temperature is the best for the  
small stock. The 4-inch stock that was  
not disposed of during the spring sales  
can be either plunged outside or plant-  
ed in a frame, where they will not de-  
mand the close attention necessary in  
the greenhouse. If planted out they  
should be potted up early, at least by  
September 1, when the roots are ac-  
tive and will quickly obtain a foothold  
in the new soil. They should be heav-  
ily shaded for a few days after potting  
or some loss of the plants may result.  
Any old plants that have outgrown  
their usefulness may be propagated,  
the stems cut up into small pieces and  
laid in a propagating bed with bottom  
heat where the eyes will open and  
young plants quickly form.

### Gloxinias.

The gloxinias that were started in  
late winter should now be beginning to  
flower. After the flower buds have set  
they can be placed in a little shadier  
location and the danger of burning the  
foliage be obviated to a great degree.  
The plants should be spaced far enough  
apart that they do not touch and a  
proper circulation of air procured  
around the plant. If the flowers are to  
be used in floral work they should be  
cut as soon as fully open and placed  
in water away from draughts and they  
will keep very well; these flowers are  
very fragile and should be handled  
carefully. If there are any particu-



Early beautiful flowers that it is desired to propagate, the leaves can be rooted in the propagating bench by placing the base of the leaf in the sand to the depth of about an inch. The seedlings should be potted along for later blooming.

#### Cleaning Up.

The bedding season is over, the year's work is practically finished, the young stock for another year in preparation, and now is the time to clean house. Don't leave a lot of worthless stock scattered around the houses that takes a man's time to water, but what it is desired to save block all up together where it can be watered in a short time and above all things throw out anything that has passed its usefulness. How often have we seen plants that would never have been of any value left standing in the greenhouses until fall planting; neglected, yet taking more or less room, to be thrown out at last, and the houses never thoroughly made ready for the coming crop. Get the plants that need care and attention all together and clean up the other houses. If the stock is grown in benches these will need repairing, and if badly decayed take them down and rebuild. Those that have cement benches are fortunate for they will only need repairs. Throw out all the old soil and clean up under the benches and in all the corners, and any old rotting boards or pieces of crotches throw them out, and thus get rid of the vermin that invariably infests greenhouses. After the benches are cleaned out, give them a good thick coat of whitewash in which sulphur was mixed when the lime was slacking. The advantage of this is too little appreciated by many growers, it costs but little and the prevention from fungus will often amount to a great deal. After the whitewash has dried throw a few ashes or a mulch of some kind on the wooden benches to protect them from the hot rays of the sun. Give the inside of the house a good coat of white paint; this should be done at least every other year, for the difference in the amount of light in a clean white house and a dirty one during the dark short days is material, and the increased quality and quantity of stock will more than repay for the expense and labor. Any repairs that the heating system needs should be done at once and the boilers cleaned up ready for fall. Too often the boiler is never thoroughly cleaned out after the last firing and ashes and clinkers left lying around in a moist condition, rusting the boilers. The steam boilers should either be emptied or filled, for if the water is left standing on the water line rust will form inside just above and rapidly eat into the iron. These are all necessary details to be looked after at the earliest possible moment.

SCRANTON, PA.—The Scranton Floral Supply Co. have made arrangements to erect a new brick building, four stories high, thirty feet wide and one hundred feet deep, to meet the requirements of their increasing business.

BEVERLY, N. J.—John A. Cook, a florist of this place and a naval war veteran, has received a letter from the War Department, expressing appreciation for his planting flowers on the graves in the National Cemetery, which he has gratuitously done for several years.

## THE RETAIL TRADE

Conducted by Robt. Kilt, Philadelphia, Pa.

#### Coronation Design.

The coronation design which we illustrate was arranged by the designer of the Dale estate, Brampton, Ont., for a window display. It was five feet in height and was composed of immortelles, the colors being worked in correctly in the different features of the design. In the center is the Royal shield which was white, crossed with bars of red with a sash of royal blue extending across the upper part. Upon this were the initials G. R. On the right of the shield is the Royal Standard, with the coat of arms. The four sections two of red, one of blue and one, yellow; the lions on the red ground being made in yellow and the lion rampant on the yellow ground in red, the harp was yellow on a blue ground. On the left is the Union Jack, a blue ground crossed horizontally, perpendicularly and diagonally with a wide red strip with a narrower white stripe on each side. The staffs supporting the flags were of white. Surmounting the shield was an imposing crown, the

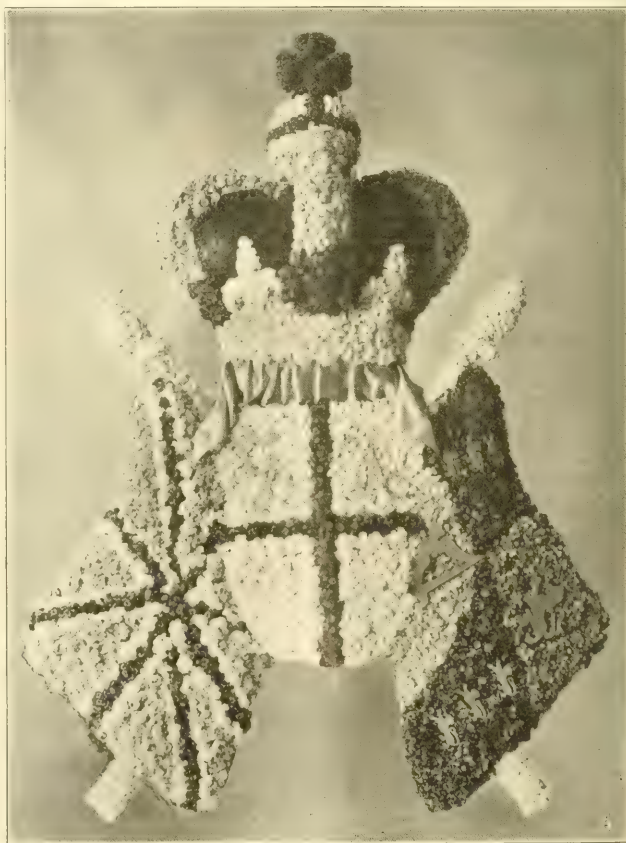
circle of the base was white bearing crosses of red and fleurs-de-lis of white, the arches were of blue, the inner portion representing the cap being crimson. The globe on top of the crown was white crossed with red, on top of which was the Maltese cross of red. The design was a most elaborate and beautiful piece of work of this character and was greatly appreciated by those who saw it.

W. G. P.

#### Plant Baskets and Boxes.

SEE SUPPLEMENT WITH THIS ISSUE.

The use of plants in baskets and boxes both for indoor and outside ornamentation has increased rapidly within the past few years; flower lovers have quickly seen that a beautiful effect can be procured for a small outlay both on the porch or window ledges and also in the houses. The possibilities of the outside box are well known to all gardeners and by proper selection of plants that will harmonize and grow in the chosen locations a satisfied customer is invariably the result. But boxes of plants for inside decoration have never been given the attention which they should by the majority of florists. With the exception of Christmas and Easter,



CORONATION DESIGN.

Arranged by The Dale Estate, Brampton, Ont.

the dealer rarely mentions the plant box as a house decoration, yet a beautiful arrangement can be placed in a hall or living room in a suitable location at a moderate expense that will be "a thing of beauty and a joy forever." The wealthy patrons in some cities have boxes of flowering plants in the windows of their residences that are changed weekly. This is, of course, expensive and far beyond what the ordinary householder can afford, but handsome boxes can be procured at the present day and planted to decorative stock, leaving room, if it is desired, for the insertion of an occasional blooming plant throughout the year, which will make a change in the appearance of the box, and add to its attractiveness. This can be done at no great outlay and if the dealer will present this to his customers in proper shape it will no doubt result in quite a remunerative feature. There are always plants that last well in the dwellings and such a box can be filled at a moderate price and some of those plants that keep in good condition for a fair length of time can be inserted and when passed replenished with another and not make it expensive. This is what many customers desire and a little thought will provide them with what they are looking for. The accompanying illustration is of a terra cotta box filled with blooming plants and makes a beautiful ornament in the window of a dwelling.

#### Children's Day.

This is one of the happiest of the June events and becoming universally popular like Mothers' day and of special interest. The basket is made so as to hold a number of small bouquets from which the little ones distribute their tributes. But as each child craves for individuality other arrangements can be made. A wide sash ribbon long enough to extend from one shoulder to the other, falling to the waist line, on which may be suspended bunches of harmonious colored flowers tied with baby ribbons, by which the small offerings are fastened to the wider ribbon until they are distributed. Boutonnieres may be attached to the ribbon with a small wire which in turn serves to hold the flower or boutonniere in the buttonhole without crushing the arrangement, especially when a single rosebud with its foliage is used.

A fishing basket filled with small potted ferns is good. These can be arranged with a white satin bow around the pot on which the words "Children's Day" are inscribed in gold letters. Bunches of white daisies tied with like ribbon are inexpensive, showy and always pretty. Carnations can also be used in this way. More elaborate designs can be made with little gold and silver baskets, or the small round Japanese baskets. These can be filled with marguerites or other small flowers, a white bow, arranged on either side with a loop to carry over the arm or over a small cane or anything suitable of this nature upon which to carry as many as possible at one time when distributing. On this ribbon also should be the inscription "Children's Day."

A. E. KLUNDER.

MANCHESTER, MASS.—Alex Magnuson is to move his greenhouses to Norwood avenue, where he has purchased a large tract of land.

#### Hail.

Paper read by John G. Esler, Secretary of the Florists' Hail Association, before the New York Florists' Club, June 12, 1911.

What General Sherman said of war applies as well to hail. A few weeks ago I visited St. Louis and saw some of the disaster caused by the storm which occurred April 13. A breakage of over 37,000 square feet of glass, nearly all double thick, out of 50,000 square feet in one range, will give you some idea of what hail can do when it gets busy. This storm was three miles wide by forty miles long and broke seventy-five per cent of the glass in the fifty or more greenhouses in its path and the Florists' Hail Association paid nearly all of the loss without a quiver.

As to the formation of hail nearly every scientist has a theory all his own, but in my estimation they have about as much evidence to convince the man from Missouri as the various gentlemen who describe the golden streets of the New Jerusalem, that their guess is correct. It would tire you to enumerate the freaks of hail storms, but suffice it to say that the storm that does the most damage is the one that has wind enough to carry the stones so that they hit the glass at right angles. Various devices of protection have been tried but nearly all have proved either too costly or too cumbersome to be practical and hail insurance still remains the best and easiest way for the person who owns a glass house to recoup himself for damage by hail. Therefore it will not be irrelevant to say a word or two about the mutual benefit conferred by The Florists' Hail Association of America.

It is nearly twenty-five years ago since the Society of American Florists christened The Florists' Hail Association and placed the infant upon its doorstep, with the admonition to go forth into the world and be a good Samaritan, but on no account to come back and trouble its dad. On June 1, 1887, the state of New Jersey adopted the orphan, and for twenty-four years it has gathered experience, and this fact has been developed, that a majority of the owners of glass are very much more interested in hail insurance after than before a hail storm. Since the day of its incorporation this association has never paid a dollar for attorneys' fees, notwithstanding the fact that up to date over \$213,000 has been disbursed to its members for glass broken by hail. Likewise it has never paid a single cent for office rent, fuel or light, for its officials. And here comes our loudest whoop; not a dime has been paid to an agent for commissions. We sell our insurance direct. We employ no agents. We do business only in the state of New Jersey, and are not amenable to any other state. He who wishes to come or rather send to New Jersey for hail insurance can procure the same without any rakeoff to anyone. Reformers take notice, and when you plan to eliminate the middleman, think of The Florists' Hail Association as one organization that has wiped that individual off the slate.

By prompt payment of losses and straightforward dealing the Florists' Hail Association has won an enviable place in the insurance world, and with its 1,600 members, insuring over 35,000,000 square feet of glass and a reserve fund of over \$25,000 for a backbone, it can afford to sit quietly by and wait until a hail storm drives the un-

insured into its fold. In conclusion, allow me to advise. Don't shingle your hot house with single thick glass, and "be sure to lock the door before the horse is stolen."

#### Growing Carnation Plants Two Years.

ED. AMERICAN FLORIST:

Can you inform me how to grow carnation plants the second year? Should they be lifted and planted outside or can they be left in the same bed in the greenhouse?

Oklahoma.

G. W.

Carnation plants can be grown the second year by either method mentioned in the inquiry, but, if being personally located in Oklahoma and wishing to try carnation plants the second year, we would follow the plan of lifting them and planting outside, bringing them in again the same as first year plants. There is a big lot of work entailed in carrying over carnations the second season. Before planting out in the field, the plants should be cut back quite close, all the shoots that have lengthened out to bloom should be trimmed back. The surest way to have the plants start into growth quickly, after being planted in the field, is to pot them up into 4-inch pots and hold in the greenhouse until the roots show through the soil. This you will see means curtailing of the spring cut, to give the plants a chance to get established before being planted out. After being planted in the field, it will be necessary to nurse them a little by watering, if the weather is dry, and watching that they are well covered and protected from the sun and hot winds. When the time comes for lifting to plant into the houses again, it will be found that considerable cleaning off of old leaves will have to be attended to, also these two year old plants being naturally very much harder and woody than the first season plants, extra caution will have to be exercised to encourage them to make new roots. If the plants are left on the benches and carried over the second season, they should be trimmed back and all the decayed leaves cleaned out of them the latter part of June, keep the soil a little on the dry side for about ten days, syringing the plants frequently to keep the wood plump and in good condition, then remove the top soil (being careful not to damage the roots), then replenish with fresh live soil. It is important when starting up the plants again not to be too free with the water, so as to give the roots a chance to get hold of the new soil properly. After the plants are again in control of the soil the after treatment is the same as with the new stock.

C. W. JOHNSON.

WARREN, O.—E. C. Waterman has opened a greenhouse at 418 South Main street, corner of Fulton.

BOONE, IA.—Thousands of panes of glass were broken during a hail storm which passed over this place May 20. At the greenhouses of L. Locher, 5,000 lights of glass were broken.

WASHINGTON, D. C.—Samuel H. Lucas has entered suit against the Baltimore and Ohio railroad to collect damages amounting to \$7,255 for loss to his greenhouses by fire caused by sparks from a passing locomotive.



## AMERICAN PEONY SOCIETY

Annual Meeting and Exhibition, Philadelphia, Pa., June, 8-9.

### The Exhibition.

The eighth annual exhibition of the American Peony Society was held at Horticultural Hall, Philadelphia, on Thursday and Friday, June 8-9. The display was held in conjunction with the peony exhibition of the Pennsylvania Horticultural Society and the combined exhibits were very full and complete.

Owing to the warm weather during May the flowers came forward much before their usual season and the date of the exhibition although made one week earlier than that first selected, is now acknowledged to have been at least a week too late. The blooms of the local growers were nearly all cut, or at least the best varieties were past, so much so in fact, that none of them entered for prizes, the displays of Thos. Meehan & Sons and the Andorra Nurseries being labeled not for competition. On account of the "late" date on which the show was held the growers were at a disadvantage. Many of them embraced the opportunity offered by cold storage facilities and the collection of E. A. Reeves of Cleveland, O., which was very large, had all been kept in cold storage so as to insure their condition for the display. They looked fine the first day but did not stand the heat of the second. Quite a number of the others also had recourse to the cold storage rooms or they say their entries would have been very sparse indeed. J. H. Humphreys of Germantown proposed a plan of having exhibitions under the auspices of the society to be held in connection with the horticultural societies of New York, Philadelphia, Boston, Chicago and other large cities at the time when the peony is in the height of its season at these various centers.

The display was arranged in the lower and upper foyer of the hall and made a very attractive exhibition. Over 8,000 blooms were staged. The principal exhibitors were E. A. Reeves, Cleveland, O.; B. H. Farr, Reading, Pa.; George H. Peterson, Fair Lawn, N. J.; S. G. Harris, Tarrytown, N. Y.; Cottage Gardens Co., Queens, N. Y.; Thos. Meehan & Sons and Andorra Nurseries, of Philadelphia.

The entries of the Cottage Gardens were much admired, they received first for the largest collection of named varieties, first for best 50 crimson, also second for vase of fifty pink. E. A. Reeves staged some beautiful peonies and won second for 50 white, first for 50 pink, second for 50 crimson and first for best 25 pink. Bertrand H. Farr won second for largest collection of named varieties white; S. G. Harris won second for 50 salmon pink and first for best twelve pink varieties, six flowers each. A feature of the show was a contest for prizes offered by the Thos. Meehan & Sons, for the best painting of peonies. There were a number of entries in this class and they attracted as much attention as the natural flowers. First prize was won by E. C. Burt, second by Helen K. McCarthy,

with honorable mention to Florence W. Miller and Elizabeth Schwarz, all of Philadelphia.

### The Awards.

Largest and best collection of named varieties, one flower of each—Cottage Gardens Co., Queens, N. Y., first; Bertrand H. Farr, Reading, Pa., second.

Best fifty blooms, one variety, named, white—Geo. H. Peterson, Fair Lawn, N. J., first; E. A. Reeves, Cleveland, O., second.

Best fifty blooms, one variety named, dark pink or rose—E. A. Reeves, first; Cottage Gardens Co., second.

Best fifty blooms, one variety, named, flesh or salmon pink—S. G. Harris, Tarrytown, N. Y., second.

Best fifty blooms, one variety, named, crimson—Cottage Gardens Co., first; E. A. Reeves, second.

Best collection of not less than twelve varieties, named, one of each variety—F. B. Van Vorst, second.

Best vase of twenty-five pink, of one variety—E. A. Reeves, first.

Best twelve pink varieties, six blooms each—S. G. Harris, first.

### The Annual Meeting.

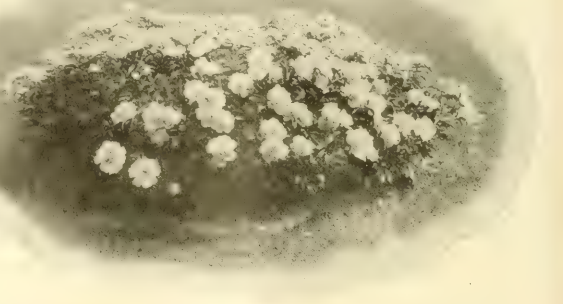
At the opening meeting of the Society held on Thursday, June 8, President Bertrand H. Farr of Reading, made an interesting address and the report of the nomenclature committee was received, which showed great advance in this important work of the society. The committee believes that the good work that has been done has greatly facilitated the work of the peony growers and that after next year's comparisons have been completed the varieties will all have been so correctly named that they can be handled and catalogued in an intelligent manner. The election of officers resulted in but one change, A. P. Saunders of Clinton, N. J., succeeding A. H. Fewkes of Newton Highlands, Mass., as secretary. The officers are Bertrand H. Farr, Reading, Pa., president; C. J. Maloy, Rochester, N. Y., vice-president; J. H. Humphreys, Germantown, Pa., treas-

urer and A. P. Saunders, Clinton, N. J., secretary. The next annual meeting and exhibition of the society will convene in Ithaca, N. Y., at a date to be named some time in June, 1912, depending upon the season. Cleveland was also chosen as the place of meeting in 1912. K.

### President Farr's Address.

The passing of another year marks the ninth in the history of the American Peony Society and it is gratifying to see again so many faces that have become familiar from having met them as regular attendants of so many former meetings. This loyalty of the older members, the steady increase in membership of the society and the interest taken in the present exhibit are encouraging evidence of the continued popularity of the peony and of the enthusiasm which still animates the members of its society. Though but a handful in numbers you are to be congratulated on the success which has so far attended your efforts, for the solution of the problem of the peony nomenclature is such a vast and difficult undertaking that it would not have been surprising had the work ended in failure. That such is not the case is due to the perseverance and determination of the members of the society aided by the efficient support given by the authorities of Cornell University and the generous contribution of plants from the most prominent growers in this country and in Europe. Small as our membership is, it is doubtful if any similar society has ever conceived, carried out and concluded an operation of this kind on anything like as complete and comprehensive a scale as the peony test at Cornell.

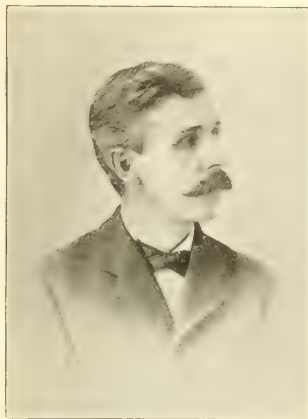
For the information of those who have not kept fully in touch with the work at Ithaca I will state that there have been two bulletins published in addition to the preliminary check list and a third is now ready for the printer covering the work accomplished to date. The first bulletin prepared by Dr. J. Elliott Coit contains a history of the peony, notes on cultivation, etc., and the preliminary work of nomenclature with a description of some fifty varieties. The second bulletin known as No. 278, covers the work of the special committee in 1909, when the principal work of identifying the vast col-



A BED OF PEONIES.



B. H. Farr, President.



A. H. Fewkes, Retiring Secretary.



Chas. J. Maloy, Vice-President.

## OFFICERS OF THE AMERICAN PEONY SOCIETY.

lection in the Cornell plots consisting of 1,933 lots under approximately 1,000 names, was seriously begun. Descriptions in detail were taken of 235 varieties besides revising the descriptions of the 50 varieties of the previous bulletin which were taken before the plants were mature and it was found necessary to alter the descriptions in many cases after seeing the mature plants, making altogether 285 varieties of which descriptions were published up to 1910. In the year 1910, 285 additional varieties were identified and described together with 55 synonyms; also a list of 100 best varieties for cut-flower purposes and 100 best varieties for landscape effects were added, all this to be comprised in the next bulletin soon to be printed, making altogether about 570 varieties that have been described in every detail of foliage, habit of growth, fragrance, value commercially and accurate records taken of the colors as compared with the color chart of the French Chrysanthemum Society which has been adopted as the official color chart of the American Peony Society.

A large number of names appearing in the Cornell plot cannot be traced to any authentic origin and are without doubt, in most instances, old varieties re-named. A still larger number were recognized as synonyms of well-known varieties, such kinds as *Edulis Superba*, *Whitley*, *Fragrans*, etc., appearing under as many as 25 to 30 different names each. After eliminating all of these synonyms there are probably not more than four or five hundred distinct varieties in the Cornell plot excluding Mr. Hollis' collection of upwards of 100 seedlings which have been named, and a collection of seedlings under number from Goos & Koeneemann. It will be seen at once therefore how thoroughly this committee has covered this field with the upwards of 600 varieties that have been described, more varieties in fact than are actually to be found at Cornell. This is accounted for from the fact that many well-known, authentic varieties were not included in the Cornell planting and the committee has supplemented its work at Cornell



Peony Rubra Superba.

by visits to other large collections where these additional varieties could be found. Among the places visited by the committee in 1910 were the peony fields at Wyomissing, Andorra, Cottage Gardens, Geo. E. Hollis, T. C. Thurlow's Sons and E. J. Shaylor. The few varieties still unidentified at Cornell are mostly inferior sorts or those of such obscure origin that identification is practically impossible.

The first collection at Cornell having therefore served its purpose, steps should be taken to bring this portion of the test to a close and to dispose of the plants which according to the original agreement belong to the society excepting three of each kind which are to belong to the University for a permanent planting of established varieties. This has already been accomplished for a new planting of three of all varieties described in the original plot have been planted in a new section and represent the completed work, and at the same time the

share of the peonies which are to belong to Cornell. In addition to the original planting there is another later one consisting of a series of collections from a number of growers of their best varieties, for the purpose of determining by comparison the varieties best adapted for commercial use and for landscape work, and of compiling a list of 100 of the best varieties for these purposes. According to agreement these plants are to be eventually returned to their original owners. They have reached full development and from them the committee has prepared a tentative list of 100 varieties to be submitted to the society for discussion and approval.

Under the circumstances it would seem as if Ithaca would be the logical place for the society to hold its next business meeting, as by that time the new lots will have reached perfection and members may then have an opportunity of seeing and judging the completed work of the committee. Whether it would be advisable to hold a competitive exhibition there at the same time or to depend for an exhibit on the flowers from the Cornell plots, is a matter to be considered. A suggestion has been made that it might be well to exhibit in several places next year selecting points east, west, north and south so that all members might have an opportunity to exhibit at a point easily accessible and within their latitude. Our experience in Philadelphia this year shows the futility of attempting to arrange a date to accommodate a latitude different from that in which the exhibit is to be held, emphasizing the fact that the show should be held as far as possible to give the best accommodation to the local competitors upon which the exhibit must depend for its best display. The unforeseen and unprecedented weather conditions are largely at fault this year, but the local growers that the season for our local growers is so nearly over, that it is difficult for them to show any but their latest varieties. That we are able to have so good a display is due to the energy and enthusiasm of exhibitors from a distance to whom we are greatly in-



debted for their contribution to the success of this exhibition.

Regarding the future work of the society much remains to be accomplished. There are still many varieties that are well-known and in commerce especially among the later introductions that it is desirable to add to our official list. The committee is still engaged in this work which must be done by individual effort in the various collections. This work is comparatively easy being merely to have the opportunity of seeing and describing these remaining varieties which being of later origin are not difficult to identify, and we are assisted in the remaining part of the work by the long list of varieties we now have which serve as a key for comparison and make the remaining work comparatively easy. The next great work which the society in my opinion should bend its efforts toward is the publishing of a peony manual which should be the final revision of all the work heretofore accomplished and which should stand as the official manual or catalog of the American Peony Society. The publishing of this work should, in my opinion, be done by the society and when completed can be made a valuable work that will find a ready sale, which will eventually repay the cost of publication. The cost of such work will be considerable and should not be undertaken until the present work has withstood the test of criticism and all corrections made that are possible, and until the finances of the society are in a condition to carry out the project.

It was with some such thought in mind that a number of the members in going over the matter, volunteered to make contributions toward the premium list this year which would save to some extent the depletion of the treasury of the society that has necessarily followed each year the offering of a long premium list by the society and which had to be made up from the small income derived from the annual dues of its few members. When this matter was mentioned to others a very generous response was made and the society has reason to feel grateful to those who have so generously assisted in raising the premium fund this year as by so doing they have helped in a great way toward the fulfillment of the ultimate end in view.

#### Secretary Fewkes' Report.

The present membership of the society is sixty-two, not including five honorary members.

Once more we are called upon to record the death of a charter member, George Hollis, of South Weymouth, Mass. He had been in feeble health during the past year, his death occurring in April. He was a quiet, genial gentleman, a great lover of flowers, and had for many years made a specialty of the peony, raising many seedlings, a number of which, when better known, will rank among the most choice varieties. One of his latest productions was the variety Loveliness and it is all its name implies. In his death the society loses a member whose interest in the peony was not due to mercenary or entirely to commercial motives, but rather to a true love for the flower and a wish to make its beauties more widely appreciated.

It is gratifying to note the increased interest that is being taken by the amateurs in our society, as is indicated

by their applications for membership, and it behooves the commercial element among our members to take cognizance of this fact, for it is largely upon the amateur that the dealer in peonies must depend in future for his best trade. This is one of the factors which should be taken into consideration in the framing of the future policy of the society. The utmost encouragement possible should be extended to the man who grows the peony from a pure love for the flower and admiration of its many varieties; the man who makes them his hobby, as distinguished from the man who grows them because some particular variety in quantity makes a big mass of color in some particular spot in his garden.

The exhibition last June, in connection with the Boston meeting, was a very creditable one, considering the peculiarities of the season. There were several large and fine displays by growers about Boston, but all the competition for the prizes was by growers out of the state.

#### Pennsylvania Horticultural Society.

In connection with the exhibition of the American Peony Society there was a very fine exhibition of roses. Henry A. Dreer made an excellent display of cut roses from the firm's rosarium at Riverton, N. J. There were over 150 vases, many of them being new and on view for the first time. They were the center of attraction. Miss Gertrude Ely won first prize for 12 hybrid tea roses. W. W. Frazier, Sr., won first for three vases of six hybrid perpetuals.

W. W. Harrison, of Glenside, also made a display of outdoor roses not for competition. Hoopes Bro. & Thomas Co., of West Chester, staged a collection of their Wichuraiana crosses, many of which are very meritorious. Following are the awards:

Roses-hybrid tea, best vase of twelve blooms of any variety. Miss Gertrude Ely, first.

Roses-hybrid perpetual, best three vases of six blooms each of any varieties. W. W. Frazier, Sr., first.

W. W. Harrison, Glenside, Pa., exhibited a collection of roses. Not for competition.

Thomas Meehan & Sons prizes for painting of peonies. Elizabeth Chase Burt, 4823 Hazel avenue, W. Phila., first; Helen K. McCarthy, 1716 Chestnut street, second; Florence M. Miller, 1340 Diamond street and Elizabeth Schwarz, 3337 N. Seventeenth street, honorable mention.

#### Lights and Shadows of Auction Business.

Paper read by Robert MacNiff before the New York Florists' Club, June 12, 1911.

The auction business is as old as the world. Adam bid one of his ribs for the first lady ever known to be on the market, and as there was no opposition, he got her at his own offer. Now, there must be two offers to make a sale legitimate. If anyone else had been at the first garden auction, he and old Adam would be bidding yet. Imagine such a valuable flower as Eve, being advertised for sale next Tuesday or Friday! Madison Square Garden wouldn't hold the crowd of florists. The devil, in the



A VASE OF PEONIES.

form of a snake, made a bid of some apple trees for Eve, but she was knocked down before he caught the eye of the auctioneer. So the horticultural auction business, you perceive, has the merit of antiquity.

My subject, however, deals with modern plant and flower auctions, and these are full of "lights" and "shadows." The "lights" include the light prices obtained, the limitless field that is developing, the return of humanity to the farm, and the consequent needs of the suburbanite; the joy of being instrumental in fostering a love for the beautiful; the consciousness of sending out our monuments in every direction, knowing that the tree and plants we sell, will grow and blossom, and cheer with their perfume and beauty, unborn thousands, after we are safely planted under the daisies. Then, there is the joy of standing "in the lime light," mesmerizing by voice, and persuasive smile, the multitude; soaking the fresh guys or the wealthy widows with something we see they want, no matter what the cost. These are "real lights" that help to lighten our burdens, and to dissipate the gloom, in our otherwise "shadowy" occupation. There is the light of knowledge we acquire every week; knowledge of plant life; of new varieties; of insects and insecticides, of the frailties of humanity; all most interesting to the enquiring mind. Then, there is the "velvet" in our business: 17½ per cent. on every dollar's worth we sell, whether the grower receives the cost of production or not.

Only three or four hours' work a day, and only two days' work a week, the strengthening of our vocal chords, fitting us later on for ministerial work. When the great profits of the auction business, inevitably draw too many enterprising opponents into the field! Is it any wonder we grow fat, and our bank accounts increase, and we ride in autos, and life is one sweet song?

But there are two sides to everything and everybody. Listen to the shadows, and then rejoice that you are now in the place Providence intended you should fill; and cease to envy the men who are wasting their energies and nerves, and talents in your behalf.

The path of the auctioneer is not strewn with roses. More likely dead rose bushes with their thorns pierce his weary feet. His season is limited. If he makes any money he must crowd into weeks the labor that should be spread over months of ordinary toil. He must win and hold his growers against falsehoods and unreasonableness and misrepresentation—he must be ready to give minutest details of every transaction; he must create confidence in foreign exporters whom he has never seen, and he must be financially strong enough to meet promptly every demand of his shippers. All these clouds must have silver linings, or shadowy indeed is the outlook otherwise. He must have a deep knowledge of human nature, a memory, so keen that he never forgets a face or name; and tact and patience that preserve a smiling countenance, when his heart is bursting with cross words and justifiable indignation.

All these shadows must be seen and blown away before success is even possible. The auctioneer must keep his temper; and in a word becomes "all things to all men," if he would win them. His mind must be clear; his physical strength unimpaired, his con-



PEONIES AT HIGHLAND PARK, ROCHESTER, N. Y.

stitution of iron. He must avoid artificial stimulants, never descend to offensive repartee, always give the retort courteous no matter how his dignity may be imposed upon. Now, you know some of the shadows that hover over the auction business; and there are many others. There is the late season; with spring lingering long in the lap of winter, the long drought, the late or early Easters, the mis-sent shipments, the express overcharges, the unwatered plants, the careless handling by railroad ignoramuses. Then come the long office hours, the burning of midnight oil, the innumerable details; the unavoidable mistakes, the impatient shippers, the slow collections, the betrayal of confidences, the carelessness of employes—well! Now you have both sides of the burning subject. Aren't you glad you are not a horticultural auctioneer?

WALTHAM, MASS.—Understanding that Peirce Bros. proposed to apply for an injunction to restrain aeroplanes from flying over their greenhouses while participating in an aviation meet to be held near their property, the management of the meet offered to furnish bonds for \$5,000 to protect the property from falling aeroplanes, which was accepted by the owners of the greenhouses.

#### Advertising.

Paper read by L. W. C. Tuttle before the New York Florists' Club, June 12, 1911.

Your good committee man, Shaw, is to blame for this! Honest Injun, cross-my-heart, I am guiltless. Take it out of him, and jolly me along; for advertising men are a thin skinned, sensitive lot. Their business makes them so. They have to tell the truth. That is, if they want to stay in business.

Three years ago a boiler man blew into our office, and said he had some money to spend, telling the good, dear public that his boiler was the best on earth—a world beater—a nine-day wonder, and all that sort of bombast. After a couple of hours' talk we told him we would take his account under one condition; and that was, that he send, at his own expense, one of his wonder boilers to my home in the country, and install it. Then I would give it a month test of every conceivable kind. If the boiler panned out as he claimed, we would frame up the advertisements accordingly. If it didn't, we would tell exactly what it would do—and no more. Did he stand for it? He certainly did not. Why? Because he knew his boiler would not stand up to his extravagant claims. And he knew we knew it. Still he thought his exaggerations on paper would sell his boiler. He thought



that was what one was licensed to do in an advertisement. He went to another agency and placed the business with them. For two years they have been running "hot air" advertisements of the most virulent type. Yesterday that same man walked into the office and said his company is now ready to do business with us, based on our original proposal. The "hot air" hadn't paid. This incident illustrates in a nutshell the advertising situation of today. Exaggerations must go. The truth, only, pays.

Last week I was standing on the corner of Twenty-eighth street, talking to one of your prosperous commission men, when one of the "has beans" passed along. I remarked, "Brown isn't the man he used to be, is he?" To which our friend replied, "No, and he never was." Advertising—real advertising—never was anything but telling the truth. It never was a mystic something, into the hopper of which we could pour a few plugged dollars, and get a bag of golden coins at the other end. It never was a gamble. It never was one of the necessary evils that the publishers' fiends incarnate schemed up to harass business men and entrap their hard-earned coin. But it is the biggest, strongest factor in business today. Next to money—it is the most essential. Science records things; but advertising makes things live.

Elbert Hubbard in one of his recent preachments on the red blood in advertising says: "The reputation that endures, or the institution that lasts, is the one that is properly advertised. But of all ambassadors of advertising and bosses of press bureauism none equals Moses, who lived fifteen centuries before Christ. Moses wrote the first five books of the Bible, and this account includes a record of the author's romantic birth and of his serene and dignified death. Moses is the central figure in the whole write-up. Egyptian history makes not a single mention of Moses or of the Exodus, and no record is found of the flight from Egypt save what Moses wrote. At best it was only a few hundred people who hiked, but the account makes the whole thing seem colossal and magnificent. And best of all, the high standard set has been an inspiration to millions to live up to. What turned the trick? I'll tell you—the writings of Moses, and nothing else. So able, convincing, direct and inclusive were the claims of Moses that the world, absolutely, was won by them. In the Mosaic code was enough of the saving salt of common sense to keep it alive. So it lived and keeps on living. All literature is advertising. And all genuine advertising is literature." And Hubbard ought to know, for he doubtless does more successful advertising, both personal and otherwise, than any one man in the country.

The peculiar thing about advertising is that pretty much everyone thinks he knows just how it ought to be done. If you and I were to start in the business of growing roses, the first thing we would do would be to get a good foreman—a man who thoroughly understood roses and how to grow them. If we want an automobile we don't go to a blacksmith. But if we want to do some advertising, than that's different—we can do that ourselves. That's easy! Or, we ask some friend who is free with his pen, to get up something snappy.

What happens? In the first place, the man who owns a business is generally so near his business that he can't see it. He has lost the sense of how the other fellow—the fellow he wants to land—looks at his proposition from the outside. So he starts off his wonderful advertisement with the usual extravagant claims, and says: "My rose is the only rose for you to grow this season. It has 49 petals to every bloom, against 423-16 of its nearest competitor. Get in line. First come, first served. Don't delay! Send your order today! If they are good enough for James Birnie, they are good enough for you. Greatest money maker of the season. Order now!" Now, every word of that advertisement is true. But what selling power has it? What actual reasons has he given why you should let loose your good money for his blooming old rose? Suppose he had



Peony Festiva Maxima.

told a frank story, just like he would if talking directly to a customer; suppose he had said: "Last season it was plain to be seen that the public had grown tired of pink roses, and wanted yellows. That's why I am so happy—I have a yellow that's going to be a winner—and it's a Killarney, too. It's an unusually free bloomer—has long stems and a deep, rich green foliage. It's silken sheened petals glow like gold. It's buds are big, solid, dependable ones that ship splendidly and stay half open for a surprisingly long time. Remember that last point—it's a thing your commission man is always howling for. I am going to sell 150,000 of my stock of 250,000 cuttings. How many do you want? Better step lively—you know that a new Killarney always goes like wild-fire." Such an advertisement actually tells something about the rose—its qualities—its superior points—it has some selling power. In your opinion, which advertisement gets the business.

On the other hand, your friend with the easy pen writes the advertisement and feels that it is of first importance to make it funny. He says: "That is the thing that attracts the public." So you stand for a joke of the vintage of 1812, and then lug in by

the nape of your neck, your little business story. The result?

The funny story seldom is funny—in advertising. Everybody knows you get red in the face to bring it in—and the advertisement instead of being a good, serious, earnest business appeal to men in business houses is more apt to be smiled at over the cheese sandwich and beer. Hit a business man at his business in a business way. That's the way. Shaw has just wig-wagged to me that the ice is a little thin, and that there is a rumor afloat that ripe eggs and a various assortment of vegetables are likely to be my fate. But even in the face of it all, I am going to risk utter annihilation and say one more thing.

When you buy space of your good friends, Faxon, Shaw, Stewart and Butterfield, for heaven's sake, don't fill it as full as you can with text. If your space is small, better tell one thing—and tell it well, and leave plenty of white space around the text. The white space sets it off. Makes it look interesting. For example, three or four roses in a vase is a beautiful sight—each rose presents its individuality—its grace. A vase crowded full is just a vase of roses—one grand, big bunch. A mass that neither attracts nor impresses.

Some day advertising will be reduced to an exact science. With a certain given expenditure it will be safe to figure on certain results. When that day comes we will know what advertising really is. Authorities differ now. Which reminds me of my somewhat irreverent, but precocious little niece who was one day sitting by the window drawing, and drawing on sheet after sheet of paper; when finally her grandmother somewhat impatiently said: "Why, Tuddie, what are you doing?" Tuddie slowly replied: "Making a picture of God." Grandmother, very much shocked, said: "Why, that's very, very naughty—no one makes pictures of God—no one knows how God looks." A long pause and more scratching of pencil. Finally Tuddie replied, "Well, they'll know how he looks when I get this done."

### Gardenias Dropping Leaves.

ED. AMERICAN FLORIST:

The gardenias were potted and placed in a house where the temperature drops to 50° in the morning and the leaves commenced to drop. What was the cause? How should they be treated? How should the old plants be treated after flowering?

The gardenias when first potted should be placed in warm, close quarters and liberally sprinkled. If there is no fire heat a mild hot bed can be constructed. After the plants have started growth they should be given full sunlight and an abundance of water and frequent syringing. It is not advisable to keep old plants, much better flowers and a greater quantity can be obtained from young plants grown rapidly by liberal treatment each year.

W.

ST. PAUL, MINN.—The annual summer meeting of the Minnesota State Horticultural Society was held at the State Experiment Station, St. Anthony Park, June 15. An exhibition of roses, peonies and other flowers and fruits was held in connection with the meeting.

## FLORISTS' PALMS.

### Potting and Culture of Palms.

The growing of palms in readiness for the autumn and winter trade requires an early start in the spring in order to have the stock potted up and in condition to move on rapidly as the warm weather encourages growth. This means that repotting should be pushed along just as soon as the plants show signs of active growth, which in most cases will be by April 1, and in favorable seasons is occasionally noted earlier than the above date. And in order to do such work in a proper manner, preparation must be made beforehand by having a sufficient soil supply under cover in the potting shed, for it is not good practice to bring in cold and wet soil from an outdoor supply, and to use it at once for potting tender plants.

Sifted soil is unnecessary, except for small pots, it being much the better plan to simply crush the lumps when mixing the soil, rather than to sift out all the small lumps and fibre, the latter process removing much of the best material for plant-growing from the soil. Some drainage material is required in all pots from the four-inch size upward, but smaller pots than the size mentioned seldom need crocking, unless it may be in the case of some light rooting and tender species. A single piece of crock properly placed in the bottom of a pot with the hollow side down is of more use in keeping the drainage open than a number of small pieces thrown in at random, and with this in view it has been the practice of the writer for many years to use only one large crock in the bottom of all pots from the four-inch to the eight-inch size, and to add a few smaller crocks or cinders when shifting to larger sizes than those already mentioned. And in repotting, the old drainage should of course be removed from the bottom of the ball to allow the plant to be set deep enough in the new pot for a good covering of earth. We have sometimes referred to the practice of washing out the roots of palms and have frequently found it of benefit to them, providing that the washing was done carefully, so as to avoid bruising the roots, and that the plants were repotted promptly so that the roots did not suffer from too long an exposure to the air. It is also much easier to make up bushy specimens of arecas or kentias when the roots have been washed out, but it should also be remembered that such plants need careful potting in order to get the soil well distributed among the roots, and also thorough ramming to insure a firm ball. And such plants will also require a thorough watering, or rather several waterings, to moisten the new soil to the bottom.

A rather close atmosphere, with moderate shading and frequent spraying of the foliage will also be helpful in starting a new growth of both roots and foliage. This method of shaking out or washing out palms and then making them up into bushy specimens provides a means of using up some imperfect stock that may have been injured in decorative work during the winter, and when carefully carried out will produce some plants of decided value and utility for future decorations. And attention is again called to this operation at this time because



WEeping STANDARD ROSE AT C. B. NEWBOLD'S, JENKINTOWN, PA.

it is not only near the close of the decorating season, but also that it is best that such radical treatment be not given until warm weather, when high temperature and plenty of moisture will help greatly in recovering the plants. I have tested this method on arecas, kentias, seaforthias, caryotas, cocos and even latanias, though a made-up latania seems rather an abnormal plant, being rather too bunched for beauty, and in all cases the washing-out process worked satisfactorily, providing the plants were given proper care afterward.

Moderate shading has been referred to, and this is a necessity during the heat of summer, not only to keep the foliage of the palms in color, but also from the fact that there are few greenhouses glazed with perfect glass, and one imperfect pane of glass may burn a streak all across a bench of plants. It is true that most palms will endure full sunshine when their roots are kept moist, but it is also true that most customers will select a palm with heavy, dark green foliage in preference to one with the lighter leaves that have been grown in the sun.

In the effort to produce results in a

short period, special fertilizers, or feeding in addition to the manure that has been incorporated in the potting soil is frequently resorted to, and in this connection it may be stated that liquid from cow manure, soot and dried blood in solution, are among the useful materials for such a purpose, but too strong or too frequent applications should be avoided, for each of these fertilizers is rich in nitrogen, and too much nitrogen will produce tender and brittle foliage. Another thing to be avoided is feeding too soon, that is, feeding before a plant has made a strong root growth, else an attack of indigestion may result, from which it will take much time to recover the plant.

W. H. TAPLIN.

RICHMOND, IND.—The Quaker City Machine Co. has filed suit against the Advance Co. for alleged infringement of patent.

ST. PAUL, MINN.—O. J. Olson, of Holm & Olson, is away on a fishing trip and E. W. Reid, manager of this firm's landscape department, is attending the nurserymen's convention at St. Louis.



### South American Floriculture.

Paper read by James McHutchison before the New York Florists' Club, May 8, 1911.

The title "South American Floriculture" is a misnomer. There is not much floriculture in countries where orchids hang from every large tree in the forest, every small garden contains a hot-house assortment of plants and the most magnificent palms and flowering plants line the streets of the entire cities. You get enough of floriculture during the week. Tonight you can forget you are florists and come with me through a few South American countries.

The trip I took was a 10 weeks' cruise in the Hamburg-American line steamer *Blucher*. There were 214 of us in the party—mostly widows and bachelors—and they had about every convenience on board except a matrimonial agency. January 21, the day we left New York, was an unhappy mixture of fog, rain and cold. Three days later overcoats were discarded, light clothes brought out and we were looking over the rail at the flying fishes. Six days after leaving New York we were in Barbadoes, called sometimes "Little England," in the British West Indies. We had been passing the Caribbean Islands the whole day previously, though it was too dark to see Martinique, where Mt. Pelee destroyed the city of St. Pierre and did so much damage a few years ago. Barbadoes is beautiful. Ninety per cent of the people are black. It is the most densely populated place on earth—200,000 inhabitants in an area of 166 square miles. We drove through avenues lined with coconut palms and mahogany trees, with the flaming hibiscus, blue plumago and bougainvillea brightening up the roadside gardens. The principal products are sugar cane, cotton, tobacco and so forth.

We crossed the equator on January 31 with appropriate ceremonies. The ship's crew were dressed up in fanciful costumes and the men passengers and crew who had not crossed the line before were lathered with a whitewash brush, shaved with a two-foot razor, imaginary teeth were pulled and salt water pills given to them; they were then smothered with toilet powder, and thrown over backwards into a five-foot salt water tank, finally escaping through a canvas tube with a two-inch stream of water on the rear to facilitate their passage.

Pernambuco is an ordinary Brazilian city with a population of 200,000. It exports sugar principally. It has a busy harbor inside the coral reef that lines the Brazilian coast for hundreds of miles. February 2 we were at Santos, a port with vast shipping activities. Brazil furnishes about 80 per cent of the world's coffee supply and most of this is shipped from Santos by German and English firms. It used to be the most unhealthy city imaginable. Across the river from Santos on the flats at one time lay over 100 good ships, their crews dead and no other sailors would run the risk of taking them out. This place was called "the graveyard." Men died there of fevers like flies. Now all is changed. The graveyard has been destroyed, the fevers have gone, and the city is now as healthy as the other Brazilian cities. From Santos we went to San Pauli. How many North Americans ever heard of San Pauli? Yet it is the

cradle of Brazilian independence and the most modern city in Brazil, with a population of 400,000, with broad, tree-lined avenues, monumental public buildings and handsome residences. Their open trolley cars were made from St. Louis models. The avenues are in most instances silky with coffee trees, the Australian silky oak and the beautiful Jacaranda *Mimosefolia*, which grows with us in southern California. The Municipal Opera House there is a beautiful building—built and owned by the city. It cost about \$8,000,000 (United States value) and is, I think, finer than the famous Paris Opera House. I ought not to pass here without mentioning the San Pauli railroad, which covers the sixty miles between Santos and San Pauli, climbing 3,600 feet up the face of the mountains. I never saw a railroad like it. It is mostly tunnels and viaducts and there isn't a square foot that is not waterproofed and that is something when you consider that the average rainfall is 11 feet per year and 10 inches of water has fallen in 24 hours. The railroad was built and is owned by the British, and English rolling stock is used. Its profits are over 40% a year but Brazilian laws prevent more than 7% being paid in dividends, so all surplus goes into unnecessarily fine stations and improvements. We reached Montevideo, the capital of Uruguay, in the teeth of a pampas storm, but that soon went down and we visited Villa Delores, a large private zoo, and drove through the many beautiful parks and boulevards largely planted with eucalyptus and other Australian trees. We were there two days and there was not a single revolution recorded during that time, though one cropped up a few days later.

Now we enter the Straits of Magellan, and after staying a day at Punta Arenas, the southernmost town in the world, we continue through the straits, going out of our course to get into the Sounds, the glaciers and fjords rivaling those of Norway and Alaska. In one place where we anchored, five glaciers were within two miles of us and coming down to the waters edge, the blue ice glistening in the sun. The channel is about 400 miles long, very narrow and dangerous in places for we saw many wrecks on the banks. The mountains on either side often lined with snow, but we have to keep hustling to get up the west coast as far as Valparaiso. This is a cosmopolitan city and the principal seaport of Chile. Its population increased 100 per cent within the last two years while New York gained only 48 per cent. There are still some evidences of the earthquake that visited them a few years ago. Chile is called the shoe-string republic, because it has a coast line of 2,400 miles and an average width of only 150 miles. Santiago is its capital city. Like all South American cities, it is made as a fit place to live in. Too bad our cities are not built on the same principle. In Santiago and Valparaiso the street car conductors are mostly women. Santiago is built on a plain surrounded by mountains, right in the center of the city is a rocky mountain called Santa Lucia, it has been landscaped and beautified with statues and hanging gardens, from the top at sunset, we get a fine view of the pinnacled snow clad peaks of the Andes with the sun shining on them after the city is in dark-

ness. It has not rained in Chile for two years, though the Aconcagua Valley beats anything for productiveness I ever saw, not even excepting the Compagna in Italy.

The famous Trans-Andean Railroad is a marvel of constructive engineering. It runs from Valparaiso, Chile, to Buenos Aires and we crossed it from end to end. Its mountain scenery is grand and we pass at the feet of Mt. Aconcagua, 23,200 feet, which makes it the highest mountain in the Western hemisphere. Still I do not think that the scenery from the train is any finer than in many parts of Switzerland or over the Canadian Rockies on the Canadian Pacific Railway. By going under the central peaks of the Andes in the tunnel, we pass under the boundary line between Chile and the Argentine. You will remember that a few years ago these two countries were on the verge of war, but a settlement was reached by King Edward's arbitration. The two countries then built a monumental statue of Christ, "The Christ of the Andes," and placed it in the pass, right on the boundary line amid the everlasting snows and on the tablet is this beautiful inscription—"Sooner shall these mountains crumble into dust than the people of Argentine and Chile break the peace which they have sworn to maintain at the feet of Christ the Redeemer," and let me tell you, gentlemen, that those two nations will never fight while that statue stands there. It takes from daylight to dark to cross the Andes from Los Andes to Mendoza upon a narrow gauge railway, then all night and all the next day we cross the pampas of the Argentine as level as a billiard table and not a hill in sight for 600 miles and very few trees, but there are cattle, horses, sheep and ostriches on both sides of the track and thousands of scarlet flamingoes in the water. I never saw so many cattle before. In one place the track runs along for 175 miles without a curve. What a contrast after crossing the Andes.

Buenos Aires, meaning "Good Airs," is a modern city of 1,400,000 people. In beautiful parks, boulevards and plazas it surpasses either Paris or Berlin. The climate is warm and pleasant and in the afternoons the business men drive through the beautiful gardens and boulevards in Spanish style, for the language and life of the people are Spanish. It would take me an hour to tell you much about this fine city. Its avenues, plazas and boulevards are not duplicated in the United States. Their capital building is finer than ours in Washington. Their custom house is finer than our New York one. We went through the famous newspaper office *La Prensa*. In the parks they have whole avenues lined with 40 foot palms. I saw specimens of Phoenix *Canariensis* as high and broad as a five-story building and furnished to the ground. Everything has the appearance of newness in their bright sunshine, even their famous *Avenue Mayo* is only four years old lined with buildings of uniform height and architecture. Their four miles of splendid docks have been reclaimed from the Rio de la Plata and are always filled with numbers of large steamers flying the flag of every maritime nation—except the stars and stripes.

On March 11 we arose at 6 A. M. to see the entrance of Rio de Janeiro Harbor. Huge granite rocks, one of

them called the sugarloaf, guard the entrance on either side like sentinels, the city lining the various bays on the left. The entrance is so narrow that its discoverer called it the "River of January" but it widens out to a very large bay, dotted with beautiful islands. Nature seems to have exhausted its resources in making this harbor and the Brazilians have followed suit by making their capital city worthy of its harbor. There are avenues lined with four rows of royal palms 80 feet high and the five miles of gardens and boulevards along the half moon shaped Botafogo Bay cost them 40 million American dollars and every dollar counts. From Corcovada, a 2,300 foot rock with a perpendicular drop of 1,500 feet, you look right down upon this city of 900,000 people spreading itself out among the valleys and slopes of the mountains. All ships anchor in the bay for these artistic people want their water front for gardens and pleasure. We read in our papers here about six months ago of the naval mutiny at Rio. Well it was the real thing. Most of naval buildings are on Cobras Island and they are still standing, riddled with shell holes. The men who mutinied on the warships bombarded these buildings, then surrendered and the men in the barracks, not knowing it, then revolted and the new dreadnoughts trained their 12-inch guns on the island and nearly blew it off the map. It impressed us as showing what these people thought of their city that neither the mutineers or the government fired a shot at the city itself. The battleships lie there still but the breachlocks of the guns have been removed, they are only half manned and while these dreadnoughts, the San Pauli and Minas Ceraes, are about the largest and most modern afloat, they could not even answer our salute. The Botanical Gardens of Rio are famed the world over and rightly, so, too. I spent nearly a whole day there. One avenue of royal palms dividing the gardens is half a mile long. There are avenues 20 feet wide so embowered with bamboos that not sufficient light gets into them to take a photograph. Other avenues are lined with *Areca lutescens* and all kinds of tropical plants for there are over 800 varieties there. What beautiful places these South Americans have in which to spend their afternoons or Sundays with their children. Most of the consulates are at Petropolis, about 40 miles up in the mountains from Rio. The U. S. Consulate there is almost as good a building as the Portuguese, which is more than can be said of some places.

We staid only a short time at Bahia. There is an upper and lower city. It is the diamond market of Brazil but we want to push on to Para 105 miles up one of the tributaries of the mighty Amazon. Para is the principal port for rubber and other products of the vast country watered by the Amazon and its tributaries. Here we see tropical vegetation in all its luxuriance. I dug up gorgeous colored caladiums, growing between the trolley tracks. Bananas grow wild everywhere. Anything will grow there. In Para I saw trees seven to eight feet high growing out of a church spire. A house with a thatched roof collects dried leaves and in a few months there are trees growing on the roof. In the Botanical Gardens in Para we saw the

trees which produce the rubber of commerce. It is not a *Ficus elastica*, but has a small narrow leaf like eucalyptus and it's certainly a money-maker for Brazil. You have heard of the floating islands of the Amazon. A snag gets stuck in the river, it dams back leaves and branches, then seeds germinate and trees grow on it and when a freshet comes down the river out goes the island. In the rainy season the Amazon sometimes rises 40 to 60 feet and floods the country for thousands of miles. It is truly a mighty river and a peculiar one, as it doesn't confine itself to one stream. No one can truly say they have seen the Amazon but only a part of it, for you have to go 1,000 miles up to get into one stream and by then you have passed where many of its largest tributaries enter. The Amazon is really a series of lakes and swamps connected by rivers. Its mouths where it enters the ocean are 150 miles wide. Steamers of 6,000 tons go up 1,000 miles to Manoes and 2,000 ton steamers can go 2,000 miles. Altogether in the Amazon and its tributaries there are over 40,000 miles of navigable waters.

We stopped at Trinidad long enough to see the Botanical Gardens there and to visit the Lake of Pitch 40 miles away. This is the seventh wonder of the world. It comes out of the lake just as you see it in barrels and though it is exported in large quantities, the lake never grows less. Sometimes pieces of wood come up with the pitch and it is a curious fact that the wood does not grow on the island and in no place nearer than the main land of South America. There is a coolie village near Port of Spain where the East Indians live just as they do in India and Ceylon. There are 10,000 of them. We dropped in at St. Thomas in the Danish West Indies and took a stroll through cocoonut groves and looked over the castles of the old time pirates who made St. Thomas their rendezvous in the old days. We passed Porto Rico and five days later came up New York harbor in a fog so thick that the city was barely visible coming up the river. We felt like millionaires in Brazil. Their language is Portuguese and they use Portuguese money of reis and mil-reis. A million reis amounts to about \$260 in our money. Trolley fares or a post card costs 400 reis and 1,000 reis is an ordinary tip for a waiter. All through South America they have a pleasant way of naming their streets and parks after some historical event. It is just as if Broadway were called Fourth of July street.

All of the South American cities are fine places to live in. They are made beautiful. A city like Buenos Aires or Rio for instance, has more acreage in parks and gardens than five cities of the same size in the United States and they are fine parks too, not open squares of grass dead half the year. They plant good trees and fine palms—not the common varieties, but varieties like *Cycas circinalis*, *Phœnicophorium* *Sechellarium*, *Licuala grandis* and *Phoenix rupicola* in magnificent specimens and they keep them in fine shape too, so that a drive or walk through these parks is a refreshing diversion after a day's work. We always think of Brazil as having a very hot climate. True the average is high, but it never gets really hot. The maximum temperature of Para, only 15 miles south of the equator, is only 75

degrees. We get it hotter than that right in New York City sometimes, and they get it in Buenos Aires too. On the entire trip we were never bothered with mosquitoes and there are so few flies that even in the hottest cities meat is hung outside without protection. The cities down there are nearly all progressive and up to date. Even in the smaller cities they have fine trolley cars and electric light systems and the streets are well lighted. In Rio they have mosaic sidewalks and in Buenos Aires they have five times more policemen per 1,000 population than we have.

The growth and prosperity of the South American republics has been amazing within the past two or three decades. Englishmen and Germans of intelligence and business or mechanical ability control the commercial shipping and engineering enterprises of South America. North America is represented only in a few isolated places. Every railroad in the Argentine with one exception was financed and built by Englishmen, and are now officered by them. The public water works of Buenos Aires were built and are run by Englishmen. In the year 1900 Englishmen took 250 million of dollars in dividends out of the Argentine alone. The docks of Santos and at Rio, also the wonderful trans-Andean Railroad which runs across the continent from Buenos Aires to Valparaiso, more than 800 miles over and through the Andes are owned in England. The engines and rolling stock on the Chilean railroads and most of their trolley systems were installed by the Germans. Even their soldiers all wear German uniforms. There are over 40,000 English residents in the Argentine and only 400 Americans. The banks, docks and railroads are controlled by the English or Germans and we as a nation are hardly known there and why should we be? They see large 10,000 and 12,000 ton British, German and Italian steamers entering their ports but never an American one. Why, the American consul at Santos told me that last year 393 large steamers left their port laden with Brazilian products but a steamer flying the American flag has not been in there in 10 years. No wonder that the United States has had little share in the thriving prosperity of the wealthy regions of the equator. So long as the banking laws of the United States forbid any branch or succursal of American banks in South America, and so long as we have no ships of our own and prevent foreign ships from trading from one American port to another en route to South America, the Monroe doctrine will appear a farce to South American republics, and their trade will go to European houses who know how to handle it.

#### Chauncy Wetherby.

On Monday, June 5, Chauncy Wetherby, a chemist of Baltimore, well known to the trade as a manufacturer of lemon oil, died in St. Joseph's hospital from burns received following an explosion in his laboratory at 604 East Truxton street. Mr. Wetherby had a large circle of friends and business acquaintance in the florists' trade. The funeral services were held from his late residence, 2223 Charles street, Wednesday, June 7.

WARREN, O.—Mrs. Ella M. Adgate, aged 83 years, wife of John Adgate, was found dead in a pond near her home yesterday. She had been ill for some time with a nervous affection.



# THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

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From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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ROCHFORD, the well known English grower, has 60,000 Crimson Rambler roses for the coronation.

THE next meeting of the Society for Horticultural Science will be held in Washington, D. C., December 29, 1911, in connection with the meeting of the American Association for the Advancement of Science.

## Stamford Flower Show.

The prize list of the Westchester and Fairfield Horticultural Society for its first annual exhibition to be held at Stamford, Conn., November 3-4, is issued. The exhibits are divided into eighty classes with liberal premiums for chrysanthemums, roses, carnations, foliage and blooming plants, fruit and vegetables, many of which are offered by individuals and commercial firms. A copy may be had by addressing J. B. McArdle, secretary, Greenwich, Conn.

## National Sweet Pea Society.

Owing to the slow development of the growth of sweet peas this season, the National Sweet Pea Society has decided to advance the date to June 29-30. Schedules are being mailed to members of the society, and others can obtain the same upon application to David Rust, Horticultural Hall, Philadelphia, Pa., or the secretary, Harry A. Bunyard, 342 West Fourteenth street, New York.

## Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

## Spraying With Arsenicals.

The grower at the present time has many insects to combat in the culture of the different species of plants and flowers, for beside those that invariably infest greenhouses, it seems that almost every species cultivated is attacked by some insect peculiarly its own. Fumigation and trapping have been for years the remedies employed for destroying these pests, but of late years the spraying with poisons has been advocated and practiced by many growers. Is it safe? Those who have carefully read the trade papers the last year must have noticed that almost every week would appear an announcement that some dealer was suffering from blood poisoning caused by the prick of a rose thorn. This blood poisoning was occasionally contracted years ago and was then thought to be caused by the low physical condition of the party afflicted, but there is no doubt that with the use of arsenicals as a spray the malady has become much more frequent. In sections of the country where spraying with poisons is done on trees, legislatures have passed arbitrary laws requiring that notices shall be posted in order that persons may be warned and animals protected from being poisoned. Flowers go into the houses where children, who are especially fond of them, often place them in their mouths, and if they are sprayed with poisons it seems like taking great risks. If it should happen that any person should be killed or made sick, and the cause directly blamed to flowers upon which poisons had been sprayed, the public press would quickly proclaim it to the world in greatly exaggerated form and irreparable injury would be done the business, and troublesome legislation would probably result. All insects that breathe can be killed by the use of hydrocyanic acid gas, which can now be used with safety, and others can be captured, or destroyed by fumigating with other products or by spraying with non-poisonous formulas. It certainly seems that spraying with arsenical poisons is dangerous and unnecessary and again we ask, is this safe?

## The Determination of Humus.

The Nebraska Agricultural Experiment Station in Bulletin 115 on "The Determination of Humus" explains in a very thorough manner the different methods with which they have experimented and compared in determining the amount of humus in soils and issues tables containing the comparisons, the results which have been obtained at the station by the different methods, and concluding with the following summary:

"The Hilgard, Huston-McBride, Cameron-Breazeale, and Mooers-Hampton methods for the determination of humus were compared, using arid, semi-arid and humid soils.

"The Hilgard method, as used by its author, was found to give entirely reliable and satisfactory results. In the case of soils rich in humus and those of fine texture the method is at times tedious.

"The Huston-McBride or 'official' method gives results which are entirely unreliable and which, in the case of moist soils, are far too high. The errors incidental to the method are of such a nature that it seems impossible to apply to the results any satisfactory correction formula.

"The humus extract obtained by the Huston-McBride method, after being passed through a properly prepared porcelain filter, gives results which are concordant with those obtained by the Hilgard method.

"The Mooers-Hampton modification of the Huston-McBride method gives results entirely concordant with those of the Hilgard method. For some soils it is preferable to the latter, requiring much less time.

"Ammonia solutions of different strengths were not found to have the same solvent power for humus. The differences for strengths between two and eight per cent were slight but where solutions of from 16 to 28 per cent were used considerably more humus was dissolved.

"The amount of so-called 'humus ash' found in the case of a soil sample varies from method to method and bears no relation to the strength of the ammonia used. There is little or no agreement between duplicate determinations of the 'humus ash.' Many times as much ash is obtained by the Huston-McBride method as by the other methods. It is probable that the greater portion of the 'humus ash' obtained by any of the methods is not an essential part of the humus.

"In reporting the humus the per cent of 'humus ash' should always be reported as it serves as an indication of the reliability of the humus determination."

This is a technical bulletin and is issued in a limited edition and is not sent out in the regular mailing list, but may be had on application to the station.

## Personal.

The friends of William F. Kasting of Buffalo, assisted by the assemblyman, are urging his appointment by Governor Dix as Commissioner of Agriculture to succeed Commissioner Pearson, whose term of office expires. Commissioner Kasting sounds good and the state will be assured of a fine officer. We wish him success in his candidacy.

**Meetings Next Week.**

Boston, Mass., June 20.—Gardeners' and Florists' Club of Boston, Horticultural Hall.  
 Detroit, Mich., June 19, 8 p. m.—Detroit Florists' Club, 112 Farmer street, p. m.—  
 Grand Rapids, Mich., June 19.—Grand Rapids Florists' and Gardeners' Club, office of member.  
 Hartford, Conn., June 28, 8 p. m.—Connecticut Horticultural Society, County building.  
 Marblehead, Mass., June 20-22.—American Seed Trade Association, Hotel Rockmere.  
 Montreal, Que., June 19, 7-9 p. m.—Montreal Gardeners' and Florists' Club, Royal Gardens' building, 211 Sherbrook street, west.  
 Newport, R. I., June 21.—Newport Horticultural Society.  
 Providence, R. I., June 19, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.  
 Salt Lake City, Utah, June 20.—Salt Lake Florists' Club, Huddart Floral Co., 64 Main street.  
 Seattle, Wash., June 20.—Seattle Florists Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., June 20, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue, north.  
 Toronto, Ont., June 20, 8 p. m.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

**Wants, For Sale, Etc****One Cent Per Word, Cash with Adv.****For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—German all around florist and gardener, married, middle age, wants situation on private or commercial place. Address Key 460, care American Florist.

**Situation Wanted**—First, class salesman and decorator wishes to secure a situation immediately; can furnish the best of references in regard to character and ability. Address Key 454, care American Florist.

**Situation Wanted**—By all around seed man, either as manager of retail house or a position of trust; can give high class reference; about 30 years' experience in the seed business. Address Key 462, care American Florist.

**Help Wanted**—10 live salesmen thoroughly acquainted with the florist, nursery and seed trade; must have A1 references; apply by letter only, stating qualifications in first communication. Address Key 463, care American Florist.

**Situation Wanted**—As working foreman on commercial or private; first class practical experienced grower of all cut flowers and pot plants; propagating and forcing, landscape gardening, also designer and decorator. German married, no family; 30 years' experience in America and Germany; good referer; please give particulars in first letter. Address E. J., care Th. Werner Florists, Springdale, Pa.

**For Sale**—3 greenhouses and 8-room residence; a bargain. DEAL'S GREENHOUSES, OWOSSO, MICH.

**For Sale**—Tubular boiler, 36 in. full front; good for three houses. 18x100 \$75.00. LEVANT, OLE, Battle Creek, Mich.

**For Sale**—Second-hand pipe; a fine lot of 3 1/2, 2 and 3 inch second-hand pipe at low prices; guaranteed in good condition. BAUR GLASS COMPANY, Eaton, Indiana.

**For Sale**—Small but good greenhouse plant in fast growing city in Oklahoma; no competition within 30 miles; cheap, and easy terms if taken at once. Address Key 457, care American Florist.

**For Sale**—Five greenhouses; one 7-room house, windmill and wind pump; steam heat in the house; hot and cold water. OTTO DITTBERNER, 208 S. 5th St., Springfield, Ohio.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale**—Sunny-side Greenhouses for sale on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. JNO. S. SCHLEIDER, OWOSSO, MICH.

**For Sale**—Greenhouse of 3000 sq. ft. of glass, need enlarging in N. E. Nebraska; good cut flower and design trade, over 200 miles west and north, no competition. K. R. center; cause advancing age. Address Key 446, care American Florist.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants; one 20x25 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 10x20 feet in connection; good location for retail trade; for further particulars call on or write. AUG. KOHNLE, 4228 N. 40th Ave., Chicago, Ill.

**For Sale**—A whole or one half interest in 8,000 square feet of glass, flower store, and about four acres of land; one-half for \$3,000 cash; the whole for \$5,000 half cash and terms. The land itself sold for \$4,600 in 1890. The present owner cleared better than \$4,000 net in 1909. Business established better than ten years and growing rapidly. Party buying a half interest must be competent to take full management and furnish unquestionable references as to ability, honesty and sobriety. Unless you can fill all the requirements, don't write. Reason for selling, other business requires my attention. Address Key 455, care American Florist.

**Wanted**—Second hand Bailey's Encyclopedia, also Florists' Manual, Writing, station condition of books and price. MYRTLE M. FISCHER, Williamstown, W. Va.

**WANTED.**

A good first-class carnation grower, capable of taking full charge; must give good reference.

The Wm. Blackman Floral Co., Evansville, Ind.

**WANTED.**

Private gardener, Englishman preferred; cottage near grounds; steady position to the right man; references required.

E. C. ROBERTS, Davenport, Iowa.

**Rose Growers Wanted**

Good men wanted who can grow high grade roses; also helpers in rose and other greenhouse.

**BASSETT & WASHBURN**

131 N. Wabash Ave., CHICAGO

**WANTED**

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX &amp; SONS, Council Bluffs, Iowa.

**Wanted---Seedsman**

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

**GARDENER**

Man of considerable experience in all lines of garden work, fruits, flowers, vegetables, pleasure grounds and greenhouses, desires position with a lady or gentleman needing the services of such a gardener. Address

Key 447, care American Florist.

**Wanted---Carnation Grower**

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves; he is a \$15.00 per week man. Address

Key 461, care American Florist.

**Plant Grower**

We need a first-class grower of a general line of greenhouse plants, including palms, ferns and other foliage plants, also leading lines of flowering plants for the holiday and Easter trade.

Full particulars of experience, with references, may be addressed to

Key 456, care American Florist.

**FOR SALE Nursery and Farm.**

A well located up-to-date nursery of more than 100 acres, one-half mile from thriving town on railroad, and near two large cities; 14 greenhouses, all stocked; 200,000 trees of all kinds; other growing stock and crops. A going concern, with bright prospects. Good reason for selling. Full particulars by addressing

Key 458, care American Florist.

**Offer Them Now****ALL SPECIALTIES**

**For Cemetery Use  
All Bedding Plants  
Window Box Stock  
Plants for Vases**

The season is three weeks early, and the growers will get left who do not clean out their surpluses

**WHILE DEMAND IS STRONG**



# American Beauties and other choice ROSES

## Buy Direct of the Grower and Get Fresh Stock

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

| AMERICAN BEAUTIES |         | Per doz. |
|-------------------|---------|----------|
| Extra long.....   |         | \$3 00   |
| 24-36-in.....     |         | 2 00     |
| 18 to 24-in.....  |         | 1 50     |
| 12-in.....        |         | 1 00     |
| 8-in.....         |         | 75       |
| Short stems.....  | Per 100 | 4 00     |

| Rhea Reid              |  | Per 100 |
|------------------------|--|---------|
| Extra long select..... |  | \$8 00  |
| Good length.....       |  | 7 00    |
| Medium length.....     |  | 6 00    |
| Short.....             |  | 4 00    |

**Maryland, Killarney, White Killarney,  
Kaiserin and Richmond.**

|                        | Per 100        |
|------------------------|----------------|
| Extra select.....      | \$ 8 00        |
| Good length.....       | 6 00           |
| Medium length.....     | \$4 00 to 5 00 |
| Good short length..... | 3 00           |

| CARNATIONS                           |            | Per 100          |
|--------------------------------------|------------|------------------|
| Extra fancy, long O. P. Bassett..... |            | \$2 00 to \$3 00 |
| Fancy long pink and white.....       |            | 2 00 to 3 00     |
| Fancy seconds.....                   |            | 1 50             |
| <b>HARRISII LILIES</b> .....         | per doz.   | 1 00             |
| " ".....                             |            | 6 00             |
| Lily of the Valley.....              |            | 3 00 to 4 00     |
| Select Pink and White Peas.....      |            | 50 to 1 00       |
| Adiantum.....                        |            | 1 00 to 1 50     |
| Asparagus.....                       | per string | 60               |
| Asparagus Sprays.....                |            | 3 00 to 4 00     |
| Ferns, New Mich.....                 | per 1000   | 2 00             |
| Galax, Green.....                    | per 1000   | 1 00             |
| " Bronze.....                        | per 1000   | 1 00             |
| Smilax.....                          | per doz.   | 2 50             |

Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.

## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### A DULL MARKET.

The continual hot spells followed by cooler weather keeps the market in a very unsettled condition for on the excessively hot days there is hardly any business transacted and the buying is consequently very light. During the last week the city experienced the warmest June day ever recorded by the weather bureau, the thermometer registering 98° in the shade. A general dullness seems to pervade all the branches of the trade except the bedding line and that is nearing its end. One of the dealers remarked that the business was more like July than June. The falling off in the demand has caused some growers to start planting their roses, for they feel that it is far better to get the young stock well established, than to grow the old plants on and throw the cut away. Roses are in great plenty with a surplus of all kinds. American Beauty is in great cut and some of blooms are of fine quality especially those that are being cut off of the young stock which was planted early. Killarney is beginning to show the summer weather and in many cases are light in color and they open very quickly. Richmond also opens out very rapidly and in order to have them close have to be cut very small. My Maryland is in nice condition, showing what a fine summer rose this variety is and Kaiserin is now the white. Carnations are approaching the end of the season and many of the blooms show it. There are still some blooms of good quality, but the majority are small and lack substance and sell at very low prices. There are lots of peonies and some of the stock is superb and they are to be seen in quantities in the retail stores and make a beautiful showing. Orchids are again plentiful and

the larger stores are featuring them in their window displays. Lily of the valley is very fine and in a little oversupply which is no doubt caused by the business apathy. The early summer flowers are now adding a great variety to the supply. Delphiniums and bachelors' buttons make the blue, coreopsis and gaillardias the yellow, and gladioli, which are fine, in both light and dark shades give the decorator an excellent opportunity to carry out his color schemes. Gladioli are particularly good. America, Augusta Shakespeare and Mrs. Francis King are all to be obtained in splendid shape and at moderate prices. Excellent blooms can be seen, quoted at 75 cents to \$1.00 per dozen, with a few extra quality at higher figures. Sweet peas are in better shape than they have been for the last two or three weeks, there being some very fine Spencers to be had. Pond lilies are now received in larger quantities and are featured in the show windows. Taken all in all, there is no shortage of anything and an oversupply of almost everything and an exceedingly dull market.

#### NOTES.

The George Wittbold Co. has passed through one of the busiest seasons in their existence and a look through the houses at 735 Buckingham place will give the visitor an idea of the amount of business which this firm transacts. The large amount of decorative stock is constantly on the move and they are amply provided with vans and teams to successfully carry on this branch of the business in a thoroughly up-to-date manner.

The S. Wilks Mfg. Co., 3503 Shields avenue, has issued a catalogue on greenhouse heating, which describes the manner of piping to obtain the best results and contains tables by which the amount of radiation required in a

greenhouse can be accurately computed. The firm will gladly furnish a copy to any reader upon application.

C. M. Dickinson says that E. H. Hunt's business the past year has been very good and entirely satisfactory. A look in the cut-flower department found plenty of stock with an exceptionally fine grade of "Butterfly" sweet peas and peonies. The ferns that this house is receiving are very large and of good keeping quality.

The Chicago Flower Growers' Association held several meetings the past week but as yet no definite arrangements have been made in regard to when and where they will open their store. The stock is all subscribed and 50 per cent has already been paid.

Bassett & Washburn are cutting some fancy Perle des Jardins roses, the plants being now in full crop, and also a large quantity of indoor "Butterfly" sweet peas with large flowers on long straight stems.

Wietor Bros. are cutting large quantities of carnations and roses. In the latter Mrs. Jardine is showing up exceptionally fine and is meeting with much favor among their many customers.

The operation that Frank Ayres underwent last week was so successful that he was able to return to his duties at the Chas. W. McKellar store on Monday, June 12.

The John C. Moninger Co. recently made a shipment of material for two greenhouses 21x150 feet to Curt. Moll, a grower in Berlin, Germany.

August Lange is planning a vacation trip to the Pacific coast, starting about July 7, with Mrs. Lange and Master Lange.

Harry Manheim says that Hoerber Bros. are having a good call for My Maryland and Mrs. Jardine roses.

Ernst Wienhoeber is serving on the grand jury.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone CHICAGO, ILL.  
Randolph 35

## For June Weddings

Use Poehlmann's Fancy Valley



POEHLMANN BROS. CO.'S FIRST PRIZE LILY OF THE VALLEY AT THE CHICAGO SHOW.

### CURRENT PRICE LIST

Subject to change without notice.

#### AMERICAN BEAUTIES

|                      | Per Doz.                        |
|----------------------|---------------------------------|
| Long, specials ..... | \$3 00                          |
| 30-inch .....        | 2 50                            |
| 24-inch .....        | 2 00                            |
| 18 to 20-inch .....  | 1 50                            |
| Short.....           | Per 100, \$4 00, \$6 00, \$8 00 |

#### KILLARNEY, Special.....

|              | Per 100        |
|--------------|----------------|
| Fancy .....  | \$10 00        |
| Medium ..... | 8 00           |
| Short.....   | \$4 00 to 6 00 |
|              | 2 00 to 3 00   |

#### RICHMOND, Special.....

|              | Per 100        |
|--------------|----------------|
| Fancy .....  | 10 00          |
| Medium ..... | 8 00           |
| Short.....   | \$4 00 to 6 00 |
|              | 2 00 to 3 00   |

#### WHITE KILLARNEY, Special.....

|              | Per 100        |
|--------------|----------------|
| Fancy .....  | 10 00          |
| Medium ..... | 8 00           |
| Short.....   | \$4 00 to 6 00 |
|              | 2 00 to 3 00   |

#### MY MARYLAND, Special.....

|              | Per 100        |
|--------------|----------------|
| Fancy .....  | 10 00          |
| Medium ..... | 8 00           |
| Short.....   | \$4 00 to 6 00 |
|              | 2 00 to 3 00   |

|                    | Per 100        |
|--------------------|----------------|
| PERLE, Select..... | 8 00           |
| Medium .....       | 6 00           |
| Short.....         | \$2 00 to 3 00 |

Cattleyas..... per doz. \$4 00 to \$6 00

#### CARNATIONS,

|                   | Per 100 |
|-------------------|---------|
| Extra fancy ..... | 2 00    |
| 1st grade.....    | 1 50    |

#### Harrisii Lilies, Callas.....

|             | Per 100      |
|-------------|--------------|
| Valley..... | 3 00 to 4 00 |

Sweet Peas, Butterfly..... 50 to 1 00

Marguerites..... 1 00

Daisies, Shasta and Yellow..... 2 00

Peonies..... \$4 00 to 6 00

Plumosus Sprays, Sprengeri..... 3 00 to 4 00

Plumosus Strings, extra long...per string, 60c

Galax.....per 1000, \$1 25

Ferns.....per 1000, 3 00

Adiantum..... 75

Adiantum Croomianum..... 1 00

**POEHLMANN'S FANCY VALLEY** } We make these a specialty.  
**EXTRA FINE HARRISII LILIES** } Can supply them all the Year.  
Once tried you will have no other



**U S Budlong's**  
**E Blue Ribbon Valley.**

**We  
Have  
What**

**U**

**Send us  
Your  
Orders**

**U S Budlong's**  
**E Blue Ribbon Valley.**

**Gladioli,** Red, white, pink, just the thing for June wedding decorations.

**Beauties,** Grown specially for summer, good substance, color and foliage. Try them; they are good.

**Roses,** Maryland, Kaiserin, Jardine, Richmond, White and Pink Killarney —best summer roses.

**Carnations** None better. They have fully recovered from the effects of hot weather and should now reach you safely.

Also a good supply of Sweet Peas, Peonies, Valley, Harrisii Lilies and all Green Goods.

**You Can Order of Us**

with every certainty that you are calling on as good a source of supply as there is in Chicago.

**Buy Direct  
From the  
Grower.**

**J. A. BUDLONG**

82-86 East Randolph Street, CHICAGO.

**ROSES, VALLEY  
and CARNATIONS  
A Specialty.....**

**WHOLESALE  
GROWER OF**

**CUT FLOWERS**

**L. D.  
Phone  
Central  
3120**

Lawrence M. Mathes of the Weiland & Risch force, accompanied by George Knight, Jr., left Monday, June 12, for a two weeks' outing at Torch Lake, Mich. As soon as he returns, H. W. Rogers of the same force will start on a motor-cycle trip to Pentwater. Mr. Rogers will spend a few weeks in the Michigan town visiting his father-in-law, who has been the light-keeper at that port for the past 40 years.

Vaughan & Sperry's chief offerings this week are a fancy grade of peonies, catleysas and gladioli. This firm received word from a customer in Texas that their shipments of peonies are arriving in good condition; this is probably due to the excellent quality of the flowers and the careful manner in which they are packed.

Foehlmann Bros. Co.'s lily of the valley is of superb quality with large bells on long straight stems. Their orchids are also of good quality which goes to show that they are producing these exotics in just as successful a manner as they do roses and carnations.

E. E. Pleser of Kennicott Bros. Co., feeling much better in health, was seen at the store this week. He is suffering from a weak heart and the advice given him by Doctor Elliott is: "Don't stop eating, working or smoking, but do as little of all as possible."

W. N. Rudd cleaned up 25,000 4-inch geraniums in his Memorial day business at 15 cents each, \$15 per \$100, mostly Alphonse Ricard, Beute Poitvine, Le Cid, etc. The plants were well grown, however, in C. W. Johnson's usual style, and well worth the price.

The Chicago Carnation Co.'s employees have organized a baseball team and challenge any club in and around the city. Any club that wishes to cross bats with the world beaters should address their communications to Peter Olsem, Joliet, Ill.

**"The Busiest House in Chicago"**

**Wants your order for**

**Peonies, Gladioli, Pond Lilies**

**Send it in Now**

**J. B. DEAMUD CO.**

Long Distance Phone  
Central 3155

**160 N. Wabash Ave., CHICAGO**

The Mrs. Marshall Field roses that Peter Reinberg is cutting are of the first quality, the color, foliage and substance being exceptionally fine. This firm has been having a good call for American Beauty roses the past week.

John Kruchten's growers are supplying him with a fancy grade of sweet peas, Pink Killarney and Bride roses. It is expected that regular shipments of gardenias will commence to arrive the latter part of this month.

John Welsh, the well known florist of Ravenswood, is making a few minor repairs to his greenhouses. He has enjoyed a very busy season, especially in the sale of pot plants of which he is entirely cleaned out.

Dwight L. Harris, general manager of the Pulverized Manure Co., informs us that they have just filled a 250-ton order, the largest yet received. The manure was used in the construction of a golf course.

Zech & Mann's growers deserve much credit for the splendid grade of carnations that they are shipping to this house, for the flowers are excep-

tionally good for this season of the year.

J. A. Budlong is cutting some fine Kaiserin roses and Mrs. Francis King, Augusta and America gladioli. Joe Weise and Fred Price of this force spent last Sunday at Camp Lake, Wis.

O. Johnson of the Batavia Greenhouse Co. says that they are going to enlarge their plant, the new addition to be three carnation houses 27x275 feet each.

O. P. Bassett and wife arrived Wednesday, June 14, from Pasadena, Calif., and will spend the summer at Hinsdale.

George and Mrs. Fisher, the newly weds, are now making their home at 5007 Forrestville avenue.

Ed. Goldstein, of Vaughan's Seed Store, leaves for Wisconsin this week on a vacation.

Sam Pearce is supplying the local wholesale trade with an extra fancy grade of lilies.

Kyle & Foerster are receiving some peonies and gladioli that are of excellent quality.

# Large Crop of Beauties

**and Roses all of the Best Varieties**

The quality is as fair as the weather conditions will permit, and we can truthfully say that there are no better flowers coming into this or any other market.

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.    |
|-----------------------|-------------|
| Extra long stems..... | \$3 00      |
| 36 inch stems.....    | 2 50        |
| 30 inch stems.....    | 2 00        |
| 24 inch stems.....    | 1 75        |
| 20 inch stems.....    | 1 50        |
| 15 inch stems.....    | 1 25        |
| 12 inch stems.....    | 75c to 1 00 |
| Short stems.....      | 50          |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|                           | Per 100                                                     |
|---------------------------|-------------------------------------------------------------|
| Ivory.....                | } Select..... \$6 00 to \$ 8 00<br>Medium..... 4 00 to 5 00 |
| Sunrise.....              |                                                             |
| Perle.....                |                                                             |
| Roses, our selection..... | 3 00                                                        |
| Carnations, fancy.....    | 2 00                                                        |
| "    good.....            | 1 50                                                        |
| Harrisli.....             | 12 00                                                       |
| Valley.....               | 3 00 to 4 00                                                |
| Adiantum.....             | 1 00                                                        |
| Asparagus, per bunch..... | 50                                                          |
| Ferns, per 1000.....      | 3 00                                                        |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

Alfred Dietsch of the well known firm of A. Dietsch Co., manufacturers of greenhouse material, returned recently from Oklahoma feeling much improved in health. He spent considerable time in Mexico until the outbreak of the rebellion when he moved to much safer quarters in Oklahoma. Carl Ickes the industrious manager of this concern has found it necessary to install additional machinery to manufacture enough material to fill the orders that are constantly received.

George C. Wieland informs us that extensive improvements will be made in the M. Wieland store in Evanston. The store will be enlarged and the conservatory extended in the rear. The proprietor has purchased the property adjoining the store and expects to occupy it in the near future. The force was kept exceedingly busy the past week filling the many commencement orders which were received.

In the change of the street numbers of the city that went into effect last April, the A. L. Randall Co. was by mistake stated to be located at No. 70 E. Randolph street instead of No. 66, which is the correct number of the building which the firm occupies.

The peonies that the J. B. Deamud Co. is offering are of extra fine quality and are eagerly sought for by the best trade. The gladioli and pond lilies that are being received are also of good quality.



## ORCHIDS

**For June Weddings**

**Valley, Sweet Peas,  
Peonies, Orchids and  
all seasonable flowers  
and Supplies of all kinds.**

Send for Price List.

**CHAS. W. McKELLAR**

**162 N. Wabash Avenue,  
CHICAGO.**

The E. F. Winterson Co. is receiving large shipments of good selected Michigan ferns.

H. Van Gelder of Percy Jones is suffering from a severe attack of rheumatism.



# FULL CROP OF ROSES

Try Some of Our **MRS. JARDINE**, the Finest **PINK ROSE** in the Market.

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 16-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100         |
|-----------------------------------------|-----------------|
| Killarney, select.....                  | \$ 6 00         |
| "    medium.....                        | \$ 3 00 to 4 00 |
| Jardine (finest pink rose), select..... | 6 00            |
| "    medium.....                        | 3 00 to 4 00    |
| Bride, select.....                      | 6 00            |
| "    medium.....                        | 3 00 to 4 00    |

|                                     | Per 100         |
|-------------------------------------|-----------------|
| Maid, select.....                   | \$ 6 00         |
| "    medium.....                    | \$ 3 00 to 4 00 |
| Uncle John, select.....             | 6 00            |
| "    medium.....                    | 3 00 to 4 00    |
| Richmond, select.....               | 6 00 to 8 00    |
| "    medium.....                    | 3 00 to 4 00    |
| Carnations, fancy.....              | 2 00            |
| "    good.....                      | 1 50            |
| Easter Lilies, medium.....          | 8 00            |
| "    long.....                      | 10 00           |
| Valley.....                         | 3 00 to 4 00    |
| Ferns.....                          | 2 00            |
| Sprengerl and Asparagus Sprays..... | 50              |

All Green Goods at market rates.

**ROSES, our selection, - \$2.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

## We Are Offering an Exceptionally Fine Grade of Stock FOR JUNE WEDDINGS

**At the following Prices**

|              | Per 100          |
|--------------|------------------|
| Peonies..... | \$4 00 to \$6 00 |
| Orchids..... | 4.00 to 6.00     |
| Valley.....  | 3.00 to 4.00     |

|                 | Per 100          |
|-----------------|------------------|
| Roses.....      | \$3.00 to \$6.00 |
| Sweet Peas..... | .50 to 1.00      |
| Gladioli.....   | .75 to 1.00      |

**FERNS, Fine, New and Fancy, \$2.00 per 1000.**

**SUBJECT TO CHANGE WITHOUT NOTICE**

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

**161 N. Wabash Ave., CHICAGO.**

Mrs. Margaret Thorpe Flint, daughter of the late John Thorpe, will on July 1, be united in marriage to E. W. Evans, captain of truck No. 8 of the Chicago fire department. The best wishes are extended by her many friends in the trade.

J. A. Sikuta is enjoying a good transient trade at his new store which was recently opened at 190 North State street. His special sales and occasional funeral work keep him busy.

Visitors: H. Fisher, Kalamazoo, Mich.; N. Bommersbach, Decatur, Ill.; E. W. Reid, St. Paul, Minn., enroute to the nurserymen's convention at St. Louis.

### Lake Geneva Flower Show.

The annual peony and spring flower show was held by the Lake Geneva Gardeners' and Foremen's Association at Guild hall. A very nice and interesting exhibit was put up by the local members of the association, as

well as by some outside commercial firms, chief of which were the displays of the Vaughan Seed Store, of Western Springs, Ill., and the Phoenix Nursery Co., of Delavan, Wis. The latter had an excellent variety of seedlings under number, besides the older standard varieties that were much admired.

The display made by Vaughan's Seed Store consisted of 24 choice named varieties of white, light and dark pink, red and crimson sorts making a beautiful display. The local display, of course was the largest, the different classes being well represented. A. J. Smith, gardener to J. J. Mitchell, was awarded first prize for best collection, which included the following varieties: Alex Dumas, Jeanne D'Arc, Louis Van Houttei, Felix Crousse, Mme. Crousse, Eugene Verdier, Festive Maxima and others of equal worth, and in class 12 for singles was the only exhibitor. These were simply grand and should be grown more largely for the commercial florist and decorator could not desire a grander flower for

table work, and if cut when in bud will not be injured by rain or wind. All visitors were greatly taken with the striking beauty of the singles, especially the Killarney pink shades.

The extreme heat and the heavy wind and rain storms made it difficult for the exhibitors to procure flowers of like form and color which made it hard for the judges, but to their credit it must be said that they worked diligently and fair. Robt. Sampson, gardener to E. F. Swift, was given the credit for having the one most perfect and beautiful peony flower in the hall. The name had been lost, the flower resembling Felix Crousse, but was much larger and fuller. Roses were poorly represented, only about eight of the old standard varieties being shown, the color was good but the stems too short.

Other awards were as follows: Best collection, A. Johnson, second; Six blooms of six varieties, A. Johnson, first, Six blooms of three varieties, F. Kuehne, first; W. Tiplady,

# Cut Flowers \* E. H. HUNT \*

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

—SEND FOR PRICE LIST.—  
131 N. Wabash Ave., CHICAGO

## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

163-165 N. Wabash Av. Chicago

We will have anything in the line of  
**CUT FLOWERS AND GREENS**  
that you may want if anybody has it, at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

second; Six white, W. Tiplady, first; Joseph Krupa, second; R. Nyles, third; Six pink, W. Tiplady, first; Joseph Krupa, second; A. Johnson, third; Six red, F. Kuehne, first; Joseph Krupa, second; Three white, F. Kuehne, first; Joseph Krupa, second; A. Johnson, third; Three pink, W. P. Longland, first; W. Tiplady, second; Joseph Krupa, third; Three red, A. Johnson,

St. Louis.

**APPROACHING THE END OF THE SEASON.**  
The excessive warm weather has continued throughout the week and the stock arrives in poor condition, and if anything is growing worse, there being little or no vitality to it. School closings and weddings have made some call for flowers, but these will be all through by June 15 and the summer dullness will commence. The members of the trade are already preparing for vacations.

### NOTES.

The Florists' Club met June 6, with President Cannon in the chair, and 35 members present. The committee on anniversary reported everything in readiness. Officers of the Society of American Florists had been invited and their presence was expected. The annual picnic to be held in July was referred to the trustees to make the necessary arrangements. F. H. Weber urged the members to attend the convention of the S. A. F. at Baltimore and hoped that there would be a large delegation go from this city and join the society. One application for membership to the club was received.

The Retail Association at its meeting June 5, instructed the secretary to write to each member of the house of delegates urging that crepe-pulling be made a misdemeanor.

Mrs. Anna Joedick, for the last four years with the Kelley Floral Co., has retired to live in the new house which she and her husband have built at Shrewsbury Park.

On the recommendation of City Forester Koenig, H. M. Doubtrara has been appointed assistant city forester and Rudolph T. Windt inspector of the forestry division.

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, June 14.                          | Per doz.    |
|--------------------------------------------|-------------|
| Roses, Beauty, specials .....              | 3 00        |
| " " 30 in. ....                            | 2 50        |
| " " 24 in. ....                            | 2 00        |
| " " 18 to 20 in. ....                      | 1 50        |
| " Shortstem .....                          | 75@ 1 00    |
| Per 100                                    |             |
| " Killarney .....                          | 3 00@ 10 00 |
| " White Killarney .....                    | 3 00@ 10 00 |
| " Richmond .....                           | 3 00@ 10 00 |
| " My Maryland .....                        | 3 00@ 10 00 |
| " Cardinal .....                           | 3 00@ 6 00  |
| Bride .....                                | 3 00@ 8 00  |
| Bridemaid .....                            | 3 00@ 8 00  |
| Rice Reid .....                            | 3 00@ 8 00  |
| Mr. Jardine .....                          | 3 00@ 8 00  |
| Perle .....                                | 3 00@ 6 00  |
| Carnations .....                           | 1 50@ 2 00  |
| Daisies, Shasta and Yellow .....           | 2 00        |
| Gladious .... per doz., 1 00@ 1 50         |             |
| Harrisii and Callas .. per doz., 1 50      |             |
| Marguerites .....                          | 1 00        |
| Gladious, Catleyas .. per doz., 4 00@ 6 00 |             |
| Pansies .....                              | 75          |
| Peonies .....                              | 4 00@ 6 00  |
| Sweet Peas .....                           | 50@ 1 00    |
| Valley .....                               | 3 00@ 4 00  |
| Adiantum Crowbeum .....                    | 1 00        |
| Ferns .....                                | 2 00        |
| Galax .....                                | 1 25        |
| Leucothoe .....                            | 75          |
| Plumosa String .....                       | 60          |
| Smilax .....                               | 2 00@ 3 00  |
| Sprengeri, Plumosa Sprays .....            | 3 00@ 4 00  |

Luther Armstrong of Kirkwood is cutting large quantities of Dorothy Perkins roses that are eagerly bought by the retailers.

The M. M. Ayres Floral Co. made 50 bouquets of asparagus and adiantum tied with white ribbons for the high school closing.

Miss Mary Ostertag is now located in her new store, which is in a rapidly increasing neighborhood.

Bassett & Washburn of Chicago are shipping American Beauty roses of fine color to this city.

A fine shipment of fancy ferns was received from the east by C. A. Kuehn.

### Illinois Agricultural College.

The new appropriations for the College of Agriculture and Experiment Station at Urbana are as follows:

|                                                       |          |
|-------------------------------------------------------|----------|
| Greenhouses for Floriculture and Plant Breeding ..... | \$30,000 |
| Maintenance .....                                     | 15,000   |
| Field Laboratory and Cold Storage .....               | 9,000    |
| Landscape Gardening .....                             | 7,000    |
| Floriculture .....                                    | 7,000    |
| Forestry .....                                        | 7,000    |
| Vegetable Gardening .....                             | 5,000    |

## WIETOR BROS.

Wholesale Growers of Cut Flowers

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

66 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1496. Private Exchange  
All Departments. If you do not receive our  
price list regularly send for it.

## Zech & Mann

Wholesale Florists

Room 218, 162 N. Wabash Ave. CHICAGO

Telephone, Central 3284.

W. P. KYLE JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO  
Long Distance Phone, Randolph 3619.

## Percy Jones

56 E. Randolph St., CHICAGO

## John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., CHICAGO  
ROSES and CARNATIONS  
Our Specialties.

## Geo. Reinberg

Wholesale Florist

162 N. Wabash Avenue, CHICAGO.

ATTLEBORO, MASS.—Martin Ockert, for the last three years employed by Dexter E. Newell, has leased the property and greenhouses of his former employer and will continue the business under his own management, Mr. Newell retaining.



## YOUNG ROSE STOCK

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.Asparagus P. N. and Asp. Sprenger Seedlings  
SEND FOR PRICES

W. H. ELLIOTT, Brighton, Mass.

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Supplies and Everything in Season always on hand

## CHIFFONS

(About 35 to 40 yards to piece.)

Plain (any color), 4 in. wide..... 3c yard  
" " " " 6 in. wide..... 4c yard  
" " " " 10 in. wide..... 6c yard  
Fancy Chiffons and other ribbons at equally low prices.GEO. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

Cincinnati.

THE TAFT ROSE A FEATURE.

Last week was a fairly good one for business locally, especially towards the close. Most everything that had any real quality at all sold, and sold quickly, but as could be expected lots of culis that were not half bad, scarcely moved at all. Mixed with work for weddings and commencements was quite a considerable amount for funerals. Now the largest part of the seasonal work is about over and unless extremely large orders appear for those just departing this rocky, mortal way, the retailers will have a sufficient opportunity to sit down and charge considerable on their books to profit, we hope, while the growers will have ample time to prepare for the demand of the next season. The prices while fair considering everything were not such as would make anyone fear that there was an unreasonable monopoly on foot in the trade to squeeze the ultimate consumer and thus derive excessive profits. Quite a considerable amount of stock, especially in red, was purchased out of town, particularly on Thursday and Friday. The one stellar feature of the week has been the Taft rose. It shone way above everything else in its line in quality. Instead of popping open suddenly as the other roses are doing it took its own sweet time and the storemen found it better a couple of days afterward than on the day they purchased it. The bloom has the substance, and both it and the leaves are perfectly clean, while the stems stand erect. The My Maryland, too, are very good but are not received in over large quantities. Killarney also looked fairly good, but the buds had to be nursed carefully to get them into shape to sell. Other blooms in this line are trailing behind, but taking all in all are everything that could be expected of them. In carnations some very good red and deeper pink seemed to have recovered themselves and were presentable enough for a place in the display ice boxes. The Enchantress and white are in good supply. The price is such that if the retailer holds up his prices on this line at all he can realize handsomely. Shasta daisies have made their initial bow to the buyers and if the quick way they have been snapped up is a true criterion they will prove very good stock in the hands of the sellers and welcome blooms for the buyers. The lilies and lily of the valley are in sufficient supply to meet the call for them. Callas are very close to an end for a time at least.

## WELCH BROTHERS,

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonal stock.

## HOLTON &amp; HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## Wholesale Flower Markets

| BOSTON, June 14.         |    | Per 100  |
|--------------------------|----|----------|
| Roses, Beauty best       | 25 | 00 35 00 |
| " " medium               | 15 | 00 25 00 |
| " " culis                | 2  | 00 40 00 |
| " " Bride Bridesmaid     | 4  | 00 40 00 |
| " " Extra                | 4  | 00 40 00 |
| " Killarney and Richmond | 2  | 00 40 00 |
| " My Maryland            | 2  | 00 40 00 |
| " Carnot                 | 2  | 00 40 00 |
| Carnations, select       | 1  | 00 20 00 |
| " fancy                  | 2  | 00 30 00 |
| Callas                   | 8  | 00 12 00 |
| Cattleyas                | 25 | 00 45 00 |
| Gardenia                 | 5  | 00 12 00 |
| Lilium Longiflorum       | 8  | 00 10 00 |
| Lily of the Valley       | 2  | 00 40 00 |
| Smilax                   | 12 | 00 16 00 |

| MILWAUKEE, June 14. |              |            |
|---------------------|--------------|------------|
| Roses, Beauty       | per doz.     | 75 30 00   |
| " Killarney         |              | 3 00 40 00 |
| " Kaiserin          |              | 3 00 40 00 |
| Carnations          | medium stems | 1 00 20 00 |
| Daisies             |              | 50 75      |
| Lilium Giganteum    | per doz.     | 1 25 50    |
| Lily of the Valley  | per doz.     | 35 00      |
| Peonies             | per doz.     | 50 75      |
| Spandragons         | per doz.     | 50 75      |
| Swainsona           | per doz.     | 75         |
| Sweet Peas          |              | 50 00 1 00 |
| Adiantum            |              | 50 1 50    |
| Asparagus           | per string   | 50         |
| " Sprenger          | per bunch    | 35         |
| Boxwood             | per bunch    | 25         |
| Ferns, Fancy        | per 1000     | 3 00       |
| Smilax              | per doz.     | 2 50       |

| ST. LOUIS, June 14.  |            |             |
|----------------------|------------|-------------|
| Roses, Beauty        | long stems | 20 00 30 00 |
| " " medium stems     |            | 20 00 30 00 |
| " " short stems      |            | 2 00 40 00  |
| " " Bride Bridesmaid |            | 5 00 40 00  |
| " Killarney          |            | 5 00 40 00  |
| " My Maryland        |            | 5 00 40 00  |
| " Richmond           |            | 5 00 40 00  |
| Carnations           |            | 1 00 20 00  |
| Easter Lilies        |            | 12 50 15 00 |
| Valley               |            | 3 00 40 00  |
| Adiantum             |            | 5 00 40 00  |
| Asparagus Sprenger   |            | 2 00 30 00  |

| CINCINNATI, June 14. |           |             |
|----------------------|-----------|-------------|
| Roses Beauty         | per doz.  | 1 00 40 00  |
| " " Bride Bridesmaid |           | 2 00 40 00  |
| " " Golden Gate      |           | 2 00 40 00  |
| " Killarney          |           | 2 00 40 00  |
| " Richmond           |           | 4 00 40 00  |
| " Pres. Taft         |           | 3 00 40 00  |
| Carnations           |           | 2 00 40 00  |
| Callas               |           | 8 00 10 00  |
| Lily Longiflorum     |           | 9 00 10 00  |
| Lily of the Valley   |           | 3 00 40 00  |
| Sweet Peas           |           | 50 00 75    |
| Adiantum             |           | 1 00 40 00  |
| Asparagus Plumosus   | per bunch | 50          |
| " " per string       |           | 50          |
| Asparagus Sprenger   | per bunch | 25          |
| Smilax               |           | 12 50 15 00 |
| Peonies              |           | 3 00 40 00  |
| Iris                 |           | 2 00        |

Hardy phlox is coming in and looks very fine. Gladioli, sweet peas, sweet william, candytuft, feverfew and marguerites were also offered. In green goods there is more or less of a scarcity of smilax; all that is offered is snapped up quickly at the price prevailing on Third avenue. Among other branches in this line the fine eastern and Kentucky ferns that are arriving deserve special mention.

TRY MY PRICES.

J. JANSKY, Tel. Main 3652-1, Boston, Mass.

Manufacturer of Florist Wire Designs.

All kinds of Florist Supplies

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 50c per 1000; by the case, \$7.50. Boxwood, 50 lb. case \$7.50; by the lb., 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

Mention the American Florist when writing

## RICE BROTHERS

Wholesalers of Cut Flowers

and Florists' Supplies.

Minneapolis, Minn.

## H. G. BERNING

Wholesale Florist,

1402 Pine St., ST. LOUIS, MO.

## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

CLUB MEETING.

Owing to perhaps the fear that they might be nominated for office many members usually more or less regular in their attendance at meetings did not show up. Only an even dozen were present. The hoped for sufficiency of candidates for two or more tickets, which those at the last meeting so strongly advocated and hoped would be realized at the nomination of officers in open meeting, did not materialize. A gag rule in the shape of a motion to close nominations which was carried somehow stifled the names of other candidates. Another reason appeared when the present officers, whose administration had been a very efficient one, were all renominated at one time, and many thought it would be almost sacrilegious to nominate anyone against them. Some candidates withdrew for good and sufficient reasons. The final result of the nominations was: For president, C. E. Critchell and Gus Adrian, for vice-president, Wm. Murphy and Ray Murphy, for secretary, Al. Ostendarp and for treasurer, Ed. Forter. These names will be balloted upon at the annual meeting in July. The outing committee reported that the date selected for the picnic was Thursday, July 20, at Coney Island. The members of the committee are busy working out a program for the day.

H.

# Rose Plants

|                                  | Per 100 | 1000    |                                  | Per 100 | 1000    |
|----------------------------------|---------|---------|----------------------------------|---------|---------|
| 2,000 Beauties, 2-in. pots ..... | \$6 00  | \$50 00 | Richmond, 3-in. pots .....       | \$7 50  | \$60 00 |
| Kaiserin, 2 1/2-in. pots .....   | 6 00    | 50 00   | Pink Killarney, 3-in. pots ..... | 8 00    | 75 00   |
| Kaiserin, 3 1/2-in. pots .....   | 8 00    | 70 00   | Maid's, 2 1/2-in. pots .....     | 6 00    | 50 00   |

These plants are in fine condition. Healthy stock. Satisfaction guaranteed.

**EARLY CLOSING**—Commencing June 22, we will close every day at 6 p. m.

**THE LEO NIESSEN CO.,** 1209 Arch St., **Philadelphia, Pa.**

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, **PITTSBURGH, PA**

Cleveland.

PEONY, THE QUEEN OF THE SEASON.

The peony is the flower of the hour, everywhere you look are vases and decorations in which peonies predominate. It is a beautiful flower, and although it has but a short season, it is queen while it lasts. American Beauties too hold their own and stock is exceptionally good for this time of the year. Commencements and June weddings have kept most of the retailers hustling. Iris in all colors, larkspur, stock, gladioli and coreopsis are a part of the daily stock, nearly any color scheme imaginable being possible. In the up-to-date florists white and blue Canterbury bells are fine for wedding decorations and can be had in quantity, and the quality is fine. Sweet peas are plentiful, a few choice "Butterfly" varieties coming in daily. Lilies are moving slowly. Carnations are dragging as they always do during the peony season, and some very low prices on quantities is the result. Roses of all kinds have been moving quite freely, especially the better grades. Good, long, strong smilax is still scarce, most of the stock being short. Asparagus, Sprenger and plumosus in bunches are plentiful, but string asparagus for wedding decorations seems to be scarce on this market. Boxwood still has a good call.

### NOTES.

Arrangements for the Fall Flower Show are quickly shaping themselves into semblances of order. The finance committee report excellent success, and great enthusiasm among the retailers and growers whom they have visited. Everyone is taking a lively interest and assisting both financially and otherwise, in order to make this show a success.

The Jones & Russell Co. report a wedding decoration for every day in June and double headers on some days, which keeps the entire force busy all the time.

E. A. Reeves, of E. Cleveland, the peony man, took a shipment of peonies for exhibition purposes to Philadelphia, Pa., on Wednesday, June 7. C. F. B.

### Baltimore.

#### STOCK PLENTIFUL.

The market is well stocked but the demand for flowers is slow. The retailers are having light business but there are many wedding decorations and commencements near at hand. Funeral work keeps up well. Roses are still plentiful with little demand and selling at low prices. Carnations are in heavy supply but druggies and find poor sale, the stock is not as good as usual owing to the extremely hot weather we have experienced. They are selling at all kinds of prices and even the street fakir has trouble to dispose of the stock. Peonies are about finished, some good stock has been had

## Terns, \$1.00 thousand

**McCALLUM CO.,** **Pittsburg, Pa.**

## Wholesale Flower Markets

| PHILADELPHIA, June 14.     |       | Per 100 |
|----------------------------|-------|---------|
| Roses, Beauty, extra ..... | 20 00 | \$25 00 |
| " " first .....            | 10 00 | \$15 00 |
| " Brides and Maids .....   | 4 00  | \$8 00  |
| " Killarney .....          | 4 00  | \$10 00 |
| " White Killarney .....    | 4 00  | \$10 00 |
| Callas .....               | 8 00  | \$10 00 |
| Cattleyas .....            | 25 00 | \$50 00 |
| Forget-me-nots .....       | 2 00  | \$4 00  |
| Gardenias .....            | 2 00  | \$3 00  |
| Lilium Harrison .....      | 6 00  | \$10 00 |
| Lily of the Valley .....   | 3 00  | \$5 00  |
| Mignonette .....           | 4 00  | \$6 00  |
| Peonies .....              | 3 00  | \$8 00  |
| Snapdragons .....          | 4 00  | \$12 00 |
| Sweet Peas .....           | 40 00 | \$1 00  |
| Asparagus .....            | 1 00  | \$1 50  |
| Smilax .....               | 15 00 | \$20 00 |

| PITTSBURGH, June 14.             |       | Per 100 |
|----------------------------------|-------|---------|
| Roses, Beauty, special .....     | 15 00 | \$20 00 |
| " " extra .....                  | 10 00 | \$12 00 |
| " No. 1 .....                    | 10 00 | \$5 00  |
| " Bride Bridesmaid .....         | 2 00  | \$6 00  |
| " Chateau .....                  | 2 00  | \$6 00  |
| " Killarney .....                | 2 00  | \$6 00  |
| " Maryland .....                 | 2 00  | \$6 00  |
| " Richmond .....                 | 2 00  | \$6 00  |
| Carnations .....                 | 2 00  | \$2 00  |
| Cattleyas .....                  | 50 00 | \$1 00  |
| Lilium Longiflorum .....         | 10 00 | \$4 00  |
| Lily of the Valley .....         | 4 00  | \$10 00 |
| Sweet Peas .....                 | 50 00 | \$1 00  |
| Adiantum .....                   | 1 00  | \$1 00  |
| Asparagus Sprenger, per bunch .. | 35    |         |
| " " strings .....                | 35    |         |
| " " sprays .....                 | 35    |         |
| Peonies .....                    | 3 00  | \$4 00  |
| Smilax .....                     | 15 00 | \$20 00 |

which brought fairly good prices. Sweet peas are in good supply, selling from 30 to 50 cents a hundred. Plant trade has suddenly dropped off with much stock still on the market.

### NOTES.

On Thursday, June 8, the members of the entertainment committee of the club were the guests of the Steamer Dreamland. At 2 o'clock the steamer left her wharf for Chesapeake Beach, the Atlantic City of Chesapeake Bay, and on the trip down the committee transacted much business of importance. Upon landing the committee inspected the beach and amusement enterprises. After obtaining all the necessary information a trip on the long board walk back to the boat was made, leaving at once for home. Supper was enjoyed as were the refreshments served during the day. Capt. Bosley was very attentive explaining everything in detail. This is a trip that will be long remembered, and likely the club will hold its annual outing here this summer. The party making the trip consisted of George Morrison, N. F. Flittton, R. L. Graham, J. Nuth, Robert Halliday and daughter, J. J. Perry and J. L. Towner.

The members of the S. A. F. will find Baltimore an ideal city for the convention to be held August 15-19. It is less than an hour's ride to the

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A hall storm wrecked many greenhouses in Arlington, Mt. Washington and Govanstown, June 12. J. L. T.



### The Horticultural Society of New York.

A meeting of the society, and an exhibition, were held on Saturday, June 10, at the New York Botanical Garden, in Bronx Park. The exhibition, which was held in the basement of the large Museum building, being open on the following day, Sunday. Prizes were offered for roses, carnations, shrubs and trees, and herbaceous plants. T. A. Havemeyer made a large exhibit of peonies, irises, and rhododendrons and azaleas and Mrs. F. A. Constable a collection of choice peonies and roses, and a large collection of roses was staged by Gen. E. A. McAlpin. The display of peonies by the Cottage Gardens Co. was superb.

The next exhibition will occur at the same place, Saturday and Sunday, July 1-2. Prizes will be offered for Japanese irises, outdoor roses, sweet peas, herbaceous plants, shrubs and trees and vegetables. Address all communications to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y. City, who will be glad to send schedules.

The following are the awards:

Three white peonies, six flowers each, T. A. Havemeyer (A. Lahodaj, gardener), first. Three light pink peonies, six flowers each, T. A. Havemeyer, first. Three rose peonies, six flowers each, T. A. Havemeyer, first. Collection of single peonies, three flowers each, T. A. Havemeyer, first. Collection of peonies, Cottage Gardens Co., first. Mrs. F. A. Constable (Jas. Stuart, gardener), second. Collection of hardy roses, Gen. E. A. McAlpin (John Woodcock, gardener), first; Mrs. F. A. Constable, second. Collection of flowering shrubs and trees, H. Darlington, (P. W. Popp, gardener), first. Hardy rhododendrons and azaleas, T. A. Havemeyer, first. Collection of irises, T. A. Havemeyer, first; John Lewis Childs, second. Best orchid plant, C. Moore (J. P. Mossman, gardener), first. Special prizes were awarded to: John Lewis Childs, certificate of merit for Philadelphus Virginian; Bobbink & Atkins, special mention for a collection of herbaceous plants; John Lewis Childs, special mention for a collection of gladioli; Julius Rothman, special mention for a collection of cut orchids; T. A. Havemeyer, special mention for a collection of hydrangeas.

GEORGE V. NASH, Sec'y.

### Philadelphia.

#### A LARGE OVERSUPPLY OF STOCK.

This is commencement time and much of the business of the past week has been contributed by the demand for flowers for the sweet girl graduates of the different schools and colleges in this neighborhood. There were also a number of weddings which always make considerable business, and give the hustling boys a chance to show their abilities and add to their fame. The supply of flowers is considerably in excess of the demand, this being shown particularly in the clean up on Saturday when the street men get their work in. To be able to match wits with these gentry is a feat indeed. Graduates of the university of hard knocks they are very clever and glory in getting the best of a hard bargain. Probably half or more of the stock that comes to market is handled by these gentry, many of whom are in business all the time, weather permitting. This class purchases good stock whenever they can get it at a price that pays them to handle it, but those who buy the quantity lots, or accumulations of the week depend on the crowds that frequent the market streets on Saturday night, when in the uncertain light a handful of anything at a low price looks good to the bargain hunter. Roses of all kinds are plentiful but are deteriorating sadly in quality, White Kill-

lary is getting very much off color and is almost out of it for funeral work. Kaiserin now is first choice with the Bride second. My Maryland also has a shade the best of Killarney and some very good flowers are seen. American Beauties are in good demand, the market was entirely cleaned out on Tuesday on account of the girls' high school at which everyone of 400 graduates carried one or more dozen, many of them specials on which the stems could not be too long. Sweet peas are now in good shape again, the recent rains adding length to the stems and size and color to the flowers, which were sadly lacking during the hot, dry spell of a week ago. Peonies are all cut from outside and the supply of the next two weeks will come from the storage boxes. These are fine for the first day out, but are of little use the next. Lily of the valley is in good demand and Easter lilies of very good quality also sell fairly well.

#### NOTES.

The exhibition of the National Sweet Pea Society of America to be held in Horticultural Hall June 29, promises to be quite an event. The recent rains have thoroughly soaked the ground and the excellence of the flowers now coming to market seems to indicate that some very choice flowers will be seen. There are also some very generous prizes offered for table decorations, bouquets and vases of these flowers that should stir the artists to show what they can do.

The peony exhibition at Horticultural Hall was very interesting the first day but the flowers proved to be in the same class as carnations, all going to sleep the next day. This was owing to the fact that many of them had been kept in cold storage to hold them for the show.

K.

#### Boston.

#### A GLUT OF PEONIES.

Trade is somewhat quieter than last week. Carnations are plentiful and the quality is good considering the hot weather we have experienced, but there is a lull in the sales, although the growers are pleased with the results a far and still rising which shows up on account of the replanting going on at this time. We saw some nice My Marylands in the market, but we were told that this rose was not a general favorite when Killarney could be procured, the fault being that it does not keep, and grows soft. Peonies are, in fact, too plentiful. It seems that every old lady with a 6x10 garden is sending these flowers in just now. It would be better to let them stay on the plants around the greenhouse and serve as an advertisement rather than pay express charges on something which seems to be overdone. Rain has fallen and everyone is rejoicing. The rain storm we had before helped considerably, but not enough to carry the plants along. Hay was quoted at \$27 a ton and still rising which shows what New England had to contend with, and other crops have suffered in like proportion.

#### NOTES.

Pierce Bros. of Waltham seek an injunction to prevent aeroplanes flying over their greenhouses. The meet is June 15, on the Metz grounds in that city. This is certainly a unique point of law. We are told that in Jerusalem the land owners own up to the sky, but here it will be a nice point of law to settle something which a man cannot use and for which he is not taxed. It will be of interest to every greenhouse owner to watch the proceedings closely, as we are living in an age of great things, and each one is liable to have the same thing happen to him.

Thos. F. Galvin has leased for 15 years the whole building at 1 Park

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street in which Julius A. Zinn has his flower store. The lease of the Galvin store on Tremont street has some time to run, but they are taking time by the forelock, and we understand are going to enlarge their business in the new quarters.

Charles Evans and his bride have returned from their honeymoon trip.  
MAC.

#### Stamford Horticulturists.

The regular meeting of the Westchester and Fairfield Horticultural Society was held in Royal Arcanum hall, Stamford, Conn., Friday evening, June 9, President Stuart occupying the chair with 85 members present. Two life, two honorary and seven active members were elected. The preliminary schedule of the fall show and copies of the revised constitution and by-laws were distributed to all the members present, to others, copies will be mailed. President Stuart on behalf of the society appointed a committee of seven to assume charge of the floral display connected with the "Wonderland" fair and bazaar to be held in Stamford, Conn., June 14-17, for the benefit of the Day Nursery. The society will hold its first annual outing and games next month, the executive committee to make all arrangements and report at the July meeting.

The judge's report on exhibit at the meeting was as follows:

Chas. Adcock, four heads of lettuce four varieties; Jas. Stuart, vase of fouriegia long spurred hybrids; Carrillo & Baldwin, plant of Anemium Thrysiflorum, highly commended. F. W. Popp, vase of Spiraea Queen Alexandra; A. S. Peterson and Jas. Aitchison, vase of peonies in varieties, vote of thanks.

Several new members were introduced and were much impressed with the large attendance and fine exhibits. President Stuart spoke about the large number of classes in the preliminary schedule for the fall show and urged the members to secure prizes for the same which without doubt will be the largest and best show ever held in this section.  
J. B. MCARDLE, Sec'y.

CRANSTON, R. I.—The Budlong Rose Co. has been granted articles of incorporation to cultivate and deal in flowers, shrubs, etc. The capital stock is \$60,000 and the directors are, Frank L. and James A. Budlong of Cranston, and Harold W. Thatcher of Providence.

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| " extra and fancy.....        | 6 00@ 3 00 |
| " No. 1 and No. 2.....        | 1 00@ 3 00 |
| " Bride, Bridesmaid, special. | 3 00@ 5 00 |
| " extra and fancy.....        | 2 00@ 5 00 |
| " No. 1 and No. 2.....        | 50@ 1 00   |
| " Killarney, My Maryland apl  | 3 00@ 5 00 |
| " extra and fancy.....        | 2 00@ 3 00 |
| " No. 1 and No. 2.....        | 50@ 1 00   |
| " Richmond.....               | 1 00@ 6 00 |
| Carnations.....               | 1 00@ 3 00 |
| Callas.....                   | 4 00@ 5 00 |
| Cattleyas.....each.           | 35@ 75     |
| Gardenias.....per doz.        | 50 @2 00   |
| Lilium Longiflorum.....       | 2 00@ 3 00 |
| Lily of the Valley.....       | 1 00@ 3 00 |
| Sweet Peas.....per doz. bchs. | 35@ 1 00   |

BUFFALO, June 14.

|                                   |             |
|-----------------------------------|-------------|
| Roses, Beauty, special.....       | 20 00@25 00 |
| " fancy.....                      | 15 00@20 00 |
| " extra.....                      | 10 00@12 00 |
| " No. 1.....                      | 8 00@10 00  |
| " No. 2.....                      | 2 00@ 3 00  |
| " Bride, Maid, Killarney.....     | 2 00@ 6 00  |
| " Killarney, White and Pink.....  | 2 00@ 8 00  |
| Carnations.....                   | 1 50@ 2 50  |
| Daisies.....                      | 1 50@ 2 50  |
| Lilium Longiflorum.....           | 6 00@ 8 00  |
| Lily of the Valley.....           | 3 00@ 4 00  |
| Peonies.....                      | 3 00@ 5 00  |
| Sweet Peas.....                   | 40@ 75      |
| Adiantum Crownatum.....           | 75@ 1 50    |
| Asparagus per bunch.....          | 35@ 50      |
| Asparagus Sprengeri.....          | 35@ 50      |
| Asparagus Str.....                | 50@ 60      |
| Ferns.....per 1000.....           | \$1 50      |
| Galax, green and bronze, per 1000 | 1 00        |
| Smilax.....                       | 15 00       |

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### Massachusetts Horticultural Society.

At the rhododendron exhibition held June 10 the following were the awards: Orchids—Display of 25 plants, arranged for effect with foliage plants, J. T. Butterworth, first; Mrs. J. Gardner, second; J. T. Butterworth, third. Gratiolites—Mrs. J. L. Gardner, display of rhododendrons; T. C. Thurlow & Sons Co., peonies; Wm. Whitman, collection of peonies; Mrs. J. L. Gardner, collection of peonies; Harvard Botanic Garden, display of water lilies; J. T. Butterworth, display of orchids; Wm. Whitman, display of palms and Canterbury bells; Mrs. E. M. Gill, display of cut flowers. Gold medal—E. J. Shaylor, collection of peonies. Silver medals—R. and J. Farquhar & Co., display of peonies, iris and other plants; Walter Hunnewell, Cattleya Wellesleiana. Bronze medal—J. T. Butterworth, specimen *Miltonia vexillaria*. First class certificate of merit—F. J. Rea, new aster *Amellus*, Beaute Parfait; Langwater Gardens, seedling orchids; Cattleya Loddigesii X *Laelia purpurata* alba. Cultural certificate—J. T. Butterworth, specimen *Cattleya Mendellii* Morganiana. Honorable mention—Milton Lockwood, new hybrid peony, L'Esperance; R. and J. Farquhar, display of tree peonies; R. and J. Farquhar, Iris pallida. Vote of thanks—Walter Hunnewell, display of rhododendrons; Mrs. D. S. Greenough, collection of hybrid columbines. Vegetables: Theodore Lyman fund. Asparagus—Four bunches, twelve stalks each, G. F. Wheeler, first; Oliver Ames, second; Frederick Mason, third. Beets—Twelve specimens, open culture, Oliver Ames, first. Lettuce—Four heads, Frederick Mason, Big Boston, first; same exhibitor, Wayhead, second; same exhibitor, Tenderheart, third. Spinach—peck, Frederick Mason, first. Victoria (rhubarb)—Twelve stalks, open culture, Frederick Mason, first; Oliver Ames, second. Gratiolite—Oliver Ames, tomatoes.

### Achillea Argentea.

Some confusion has existed with regard to this plant, which has been sometimes referred to *Tanacetum argenteum*. The latter, however, is quite distinct, being of shrubby habit, with large golden yellow flowers. *Achillea argenta* was sent out by Mr. Thompson, of Ipswich, about the year 1888, but its origin is somewhat obscure, states a writer in the *Gardeners' Magazine*. At the same time it is a very decorative rock plant, with silvery-white leaves. Like many other dwarf-growing achilleas it forms a spreading carpet that makes it a very attractive plant even when not in flower. During May and June the flowers are produced on stems from four to five inches

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high, usually about six on a stem. The individual flower heads are about three-quarters of an inch in diameter, with pure white rays, and a pale yellow disc.

In choosing a position for this plant it must be borne in mind that damp or heavy soil is fatal to it in winter, therefore a sunny, somewhat sloping ledge should be selected. The soil should be deep, but of a strong nature. *A. Argentea* is readily propagated by means of division in early spring, or by cuttings in summer. The latter strike readily in a close frame, and soon make good flowering plants. As a pot plant for the cold house it is very useful and decorative, coming into flower in the cold frame a little earlier than in the rock garden. In a selection of six of the best dwarf achilleas for the rock garden this would be one of the first chosen, others being *A. ageratifolia*, *A. moschata*, *A. rupestris*, *A. tomentosa* and *A. umbellata*.

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Elmwood, Conn.—Louis L. Barton, several greenhouses.  
Bangor, Me.—Adam Seking, one greenhouse 35x300 feet.  
Chicago, Ill.—Otto Kuehn, one greenhouse 18x100 feet.  
Park Ridge, Ill.—E. H. Meuret, one greenhouse 27x219 feet.  
Stroudsburg, Pa.—J. Howard Stone, one greenhouse 28x150 feet and three, 25x150 feet.  
Lafayette, Ind.—H. Roth, two greenhouses 26x114 feet.  
Bangor, Me.—A. J. Loder, two greenhouses.  
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Wheaton, Ill.—E. T. Wanzer, one greenhouse 20x100 feet.  
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FROM NEW YORK EXCEPT AS NOTED.

June 20.

Noordam, Holl.-Amer., 10 a. m., Hoboken Pier.  
FROM BOSTON, Zealand, White Star, 5 p. m.,  
Charlestown Pier.

June 21.

Lusitania, Cunard, Piers 54 and 56, North River.  
Batavia, Ham.-Amer., 12 noon, Hoboken Pier.  
FROM BALTIMORE, Cassel, No. Ger. Lloyd, 2  
p. m., Pier, 9 Locust Point.  
FROM BALTIMORE, Friedrich der Grosse, No.  
Ger. Lloyd, 2 p. m., Pier, 9 Locust Point.

June 22.

La Lorraine, French, 10 a. m., Pier 57, North  
River.  
FROM PHILADELPHIA, Prinz Adalbert, Ham.-  
Amer., 11 a. m., Pier, 9 Locust Point.  
FROM MONTREAL, Lake Manitoba, Can.-Pac.,  
daylight.

June 23.

FROM PHILADELPHIA, Manitou, Red Star, 10  
a. m., Pier, 9 Locust Point.

June 24.

Cedric, White Star, 11 a. m., Piers 60 and 61,  
North River.  
Cretic, White Star, 12 noon, Piers 60 and 61,  
North River.  
Vanderland, Red Star, 10 a. m., Pier 59, North  
River.  
St. Paul, Amer., 9:30 a. m., Pier 64, North  
River.  
Caledonia, Anchor, 3 p. m., Pier 64, North  
River.  
Caroline, French, Pier 84, North River.  
Chicago, French, Pier 84, North River.  
FROM PHILADELPHIA, Merion, Amer., 10 a.  
m., Pier 54.

Great Britain.

**WILLS & SEGAR,**

Royal Exotic Nurseries,

Onslow Crescent, S. Kensington, LONDON.

Florists To His Majesty The King.

We shall be pleased to carry out commissions from our American confreres to deliver Cut Flowers, Floral Baskets, Designs, etc., to any part of Great Britain.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America: the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Flower Co.**

Will carefully execute orders for  
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Flowers or Design Work.

Delivered in Albany and Vicinity on  
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**Atlanta Floral Co.**

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Telephone 2065-2066 Madison Square.  
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To out-of-town florists  
We are in the Heart of NEW YORK  
And give special attention to steamer and Theater  
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stock in the market.

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**John G. Heintz & Son,**  
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Telephone 247.  
We are in position to fill promptly all mail,  
telephone, telegraph and cable orders with best  
quality stock in season.

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**The Texas Seed and  
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Orders for cut flowers and designs solicited for  
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Order your flowers for delivery  
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LEADING FLORISTS OF THE NORTHWEST.

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1122 Grand Ave. Will fill all orders for Cut  
Kansas City and  
Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

St. Louis, Mo.

Write, Wire or Phone Your Orders to

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Regular discount allowed on all orders, either  
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"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

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Successor to Sievers & Boland

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Personal Attention to all Orders.

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—FLORISTS—

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Flowers in any arrangement for all occasions.  
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We Cover All Points in Ohio.



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Podesta & Baldocchi

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Prompt and careful attention to orders  
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**Frank Valentine**

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Michigan.

Orders will be carefully  
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Wholesale and Retail Florist of GRAND RAPIDS

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**"The Saltford Flower Shop"**

Vassar College and Bennett School.

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**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
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**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

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FLORAL DESIGNS AND FLOWERS

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

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The Most Central Location in City.

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CUT FLOWERS AND PLANTS.

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All Orders Given Prompt and Careful Attention

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Send flower orders for delivery in

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Established 1874.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Both Phones, 527.

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Bell Phone 281. All orders receive prompt attention

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Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 69-61 Mass. Ave.  
Boston—Penn. the Florist, 43 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Canger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Witbold Co., 737 Buckingham Pl.  
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

611 Fifth Ave., cor. 49th Street.  
**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
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**CANGER & GORMLEY,**

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HIGH GRADE OF FLOWERS.

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**The Cleveland Cut  
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Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

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FLORISTS

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Canada's best known and most reliable florist

Only  
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**Dunlop's**

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We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice President; M. H. Duryea, New York, Second Vice President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention, Hotel Rockmere, Marblehead, Mass. June 20-22, 1911.

CHICAGO.—Leonard H. Vaughan, of Vaughan's Seed Store, and first vice-president of the American Seed Trade Association, left for the east June 14.

DUTCH reports of June 2 indicate hot dry weather good for ripening hyacinth bulbs but not beneficial to tulips. Narcissi are reported looking well. Plants such as spiraea, dielytra and all perennials need rain.

VISITED CHICAGO: Chas. N. Page, Des Moines, Ia., enroute to the Marblehead convention; Marshall H. Duryea, of Henry Nungesser & Co., New York; H. A. Johns, of the Sioux City Seed and Nursery Co., Sioux City, Ia.

THERE have been numerous complaints on the germination of garden peas this season. Sown in the open ground they have in some cases not half met the growth percentages shown in the office tests. Fungous troubles have been suggested.

IMMOETES.—Latest reports from French districts indicate a possible advance of 25 to 30 per cent in prices, owing to severe frosts on the early plants, and this in addition to the heavy advance in import duty already noted in these columns.

SAN FRANCISCO, CALIF.—It is understood that F. H. Henry sailed for Japan on May 24 in the interests of Louis Boehmer & Co. Robert Fulton, manager of that company, expects to remain on the Pacific coast until July 15, when he expects to return to Yokohama.

HOLLISTER, CALIF.—Seed crops here are looking very well now. We have just commenced picking salsify, 10 days later than last year. All crops are two weeks to a month later than usual. Radish will undoubtedly be a short crop. Sweet peas under normal. Onion now promises a good crop.—Visitors: E. W. King and Frank Cullen, Coggeshall, Eng. W.

MEMPHIS, TENN.—The United States Seed Co. of San Antonio, Tex., has been incorporated under the laws of Texas and registered in Tennessee. The capital stock is \$50,000, fully paid, and the

incorporators are F. M. Roesch, president and general manager; C. M. Rathbun, secretary and treasurer, and C. M. Jackson, who are likewise the directors of the company. The firm opened their store at 121-123 South Front street June 1.

PEA men the world over, New Zealand, Germany, England and Wisconsin, are in the Blue Wrinkled state of pessimism regarding the crops. The condition seems chronic as well as universal. In New York State, away to the north of the Empire State Express tracks, and farther north beyond the lake of the Ontarios, however, are many patches about which the Sage of Saginaw is silent and western fields, even to the Pacific slopes, no more lie fallow. But let crops be what they may, the growers can be cheerful, for the oldest dealer has forgotten the date of the big crop of marrowfats and canners.

SEEDSMEN and truckers will be interested in the Department of Agriculture Farmers' Bulletin No. 434, "The Home Production of Onion Seed and Sets," the industry being comparatively new and literature on this subject consequently very scarce, but some Chicago growers will differ from the conclusions of the writer, W. R. Beattie, who says: "No large profit can be obtained from the production of either onion seeds or sets, and the greater profits are obtainable from comparatively small plantings. On a considerable portion of the land devoted to onion-set raising the yield is less than 300 bushels to the acre. Allowing for the cost of seed, fertilizers, cultivation, harvesting, and handling, the net returns are not large, especially when sets bring only 50 or 60 cents a bushel."

### Massachusetts Seed Crops.

Marblehead, June 3.—It is so dry that it is very difficult to get small seeds to germinate. The cut worm is doing considerable damage throughout this section. Carrots, parsnips, squash, beets and radishes, in a great many cases, have had to be replanted on account of the damage done by the cut worm. G.

### Connecticut Seed Crops.

Wethersfield, May 30.—We have had a late spring, consequently later planting than usual. The season has been very dry, but we have had recent showers, and some quite warm weather, so that vegetation is nearly as forward as usual. Cabbage, onion,

turnip, beet, carrot, limited acreage planted, and all these crops have suffered some from the dry weather. There is the usual acreage of corn, which has had a good start, as we have had favorable weather for planting and germination. Tomato and tobacco are about one week late. W.

### The Late Robert Buist.

The printed brief of proceedings at the meeting of the board of directors of the Wholesale Seedsmen's League, May 24, contains the following:

Immediately after roll call, Mr. Burpee offered the following motion of respect and esteem, and moved that the motion be placed on the minutes of the board, which motion was unanimously adopted:

"It is with deep regret that we record the death on December 13, 1910, of our friend and colleague, Robert Buist."

"Mr. Buist had been a member of the board ever since the incorporation of the Wholesale Seedsmen's League. He was faithful in attendance upon the meetings and we shall miss greatly his advice and sound judgment so freely and honestly expressed, while individually each of us feel the loss of a personal friend."

"Robert Buist was an old school gentleman, a seedsman of thorough training and a loyal friend, whose loss is mourned by a wide circle of both personal and business friends."

### American Seed Trade Association.

#### THE CONVENTION PROGRAMME JUNE 20-22.

An excellent programme has been prepared for the twenty-ninth annual convention of the American Seed Trade Association, to be held at the Rockmere Hotel, Marblehead, Mass., June 20-22, as follows: "Points of Interest at Marblehead," Edgar Gregory, Marblehead; "The Relation of Soils and Fertilizers to Seed and Crop Failure," H. J. Wheeler, Ph.D., director of the Agricultural Experiment Station of Rhode Island State College; "Departments of the Seed Business," W. D. Ross, Worcester, Mass.; "Distribution of Fungus Diseases by Seeds," Dr. E. Mead Wilcox, Prof. Agricultural Botany and State Botanist, Lincoln, Neb.; "Improvements in Grains," Prof. R. A. Moore, of the Wisconsin Agricultural Station, Madison, Wis.; "Peas and Beans: Future Probabilities and Cost, Supply and Demand," C. N. Keeney, LeRoy, N. Y.; "Proper Growing and Handling of Seed Potatoes," Chas. D. Woods, Director of the Maine Agricultural Experiment Station, Orono, Me.; "The Importance of Line Breeding in the Establishment of Varietal Forms Suited for Special Conditions," Dr. W. W. Tracy, Dept. of Agriculture, Washington, D. C.

Some special features of the convention are an open meeting, Tuesday evening, June 20; sail around the bay, Wednesday afternoon, June 21; annual banquet, Wednesday evening, June 21; automobile trip for the ladies, Thursday morning, June 22; sight seeing trip by special electric cars, Thursday afternoon, June 22; visit to Arnold Arboretum, Boston, Friday, June 23.

Marblehead is reached by train leaving North Union station, Boston & Maine R. R., every hour. Transfer from the South Terminal Station may be made on the Boston elevated. Tickets may be purchased and baggage checked through to Marblehead which is 17 miles from Boston.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.



## S. M. Isbell & Co.,

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

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## Contract Seed Growers

**Specialties:** Pepper, Egg Plant, Tomato,  
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PEDRICKTOWN, N. J.

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## Waldo Rohnert

GILROY, CAL.

**Wholesale Seed Grower,**

**Specialties:** Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

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## Henry Fish Seed Co.

**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

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Bloomsdale  
Farm.

**Bristol, Pa.**

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**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you, under your own brand,  
for \$25.00 per ton. Send today for sample 100 lb.  
bag, \$1.50. Mr. C. E. Jensen, of Atlantic City,  
N.J., on Oct. 27th, 1910, writes as follows: "I want  
to state that your three grades of Poultry Food—  
Chick Starter, Developing Food and "Square  
Deal" Scratch or Poultry Food—stands without  
an equal today. They are perfect mixtures and  
sound in grain and a pleasure to handle."  
**J. BOLGIANO & SON,** Importers and Wholesalers  
(Established for 52 years) **Baltimore, Md.**

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## ROUTZAHN SEED CO.

Arroyo Grande, Calif.

**Sweet Pea and Nasturtium Specialists**

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

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## ROEMER'S <sup>Superb</sup> <sup>Prize</sup> PANSIES

The finest strain of Pansies in the World.  
Introducer and Grower of all the leading  
Novelties. Highest Award International  
Exhibition Dusseldorf, 1905. Catalogue free  
on application.

**FRED. ROEMER,** Seed Grower,  
Quedlinberg, Germany.

# FALL BULBS

Our arrangements for high grade bulbs of

**Lilium Harrisii, French Romans,**  
**Paper White Grandiflora, Callas, Jap-**  
**anese Lilies, London Market Valley,**  
and picked bulbs of all **Dutch Hyacinths,**  
**Tulips, Narcissus and Spirea** are unex-  
celled.

**We can Save you Money on This Stock**

Our Special Import List mailed free on application.

## Vaughan's Seed Store,

**Chicago.**

**New York.**

## AMERICAN GROWN TURNIP SEED

Superior to the imported because grown from selected and  
transplanted roots.

# = B U I S T =

Offers finest strains, all varieties, their own growing, 1911  
crop, at special wholesale prices.

Write for quotations mentioning varieties and quantities required.

**Robert Buist Company,** Seed Growers,  
**Philadelphia, Pa.**

## SEED PACKETS

We manufacture a full line of

**Packets for the Seed Trade**

Packets sufficiently transparent for mailing.

WRITE FOR SAMPLES AND PRICES.

**THE BROWN BAG FILLING MACHINE CO., Fitchburg, Mass.**

*Mention the American Florist when writing*

## Hyacinths for Christmas

Dutch stock cultivated for one season in the South of Europe. Bulbs ripen a few months earlier  
than in Holland. Have proven to be sure bloomers for Christmas. Also Tulips and Narcissi.  
White for particulars and prices.

**LOECHNER & CO.,** 11 Warren Street, New York



# Choice Young Rose Stock

|                               |                |                                            |                 |
|-------------------------------|----------------|--------------------------------------------|-----------------|
| 500 Perles, 4-in. pots.....   | Per 100 \$8.00 | 3,000 Grafted Maryland, 3-in. pots.....    | Per 100 \$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00           | 1,000 Grafted Maids, 3 and 4-in. pots..... | 12.00           |

## Bassett & Washburn

Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

### Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them  
 3-inch..... \$8.00 per 100  
 Asparagus Seedlings, prepaid, we have 203,000  
 Plumosus..... 30c per 100; \$7.50 per 1000  
 Sprengerii..... 60c per 100; \$5.00 per 1000

Cash, please.

### THE REESER PLANT COMPANY

Exclusive Wholesale Plantmen. RINGFIELD, OHIO.

### Asparagus Plumosus Nanus SEED

Fresh, true to name and highest germination.

For Quick Sale

\$1.75 per 1000; 25,000 and over at \$1.50

DRAKE POINT GREENHOUSES, YALAHUA, FLORIDA.

THE

### J.C. Robinson Seed Co.

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

ESTABLISHED IN 1894.

### Bridgman's Seed Warehouse,

RICKARDS BROS., Props.,

37 East 19 St., New York  
 bet. Broadway and 4th Ave.,

Telephone 4235 Gramercy.

### FROM SUNNY SPAIN

Specialties: Onions, Peppers, Early Tomato Cauliflowers, Beans, 97 varieties, Melons, Celery, Egg Plants.

SEEDS: Grown on contract for the United States Seedsmen by

Federico C. Varela, Teneriffe, Canary Islands; Enquiries requested: I do not supply growers direct.

—FOR—

## SEEDS

OF ALL KIND APPLY TO


W. W. JOHNSON & SON, Limited,  
 Boston, England.

### Will Exchange

Three or four inch Salvias, good stock, for 150 Golden Chadwick and 150 Golden Wedding, or 300 of either, good stock, These for sale at four and six cents.

A. McADAMS,

1303 E. 53rd Street, CHICAGO.  
 Mention the American Florist when writing



All plants are quoted in Western Standard Bay

## BAY TREES

STANDARD or TREE SHAPED.

| Stems           | Crowns          | Each    | Pair    |
|-----------------|-----------------|---------|---------|
| 38-40 inch..... | 22-24 inch..... | \$ 6 50 | \$12 00 |
| 42-46 inch..... | 24 inch.....    | 6 75    | 12 50   |
| 45-48 inch..... | 26 inch.....    | 7 50    | 14 00   |
| 45-48 inch..... | 28 inch.....    | 8 00    | 15 00   |
| 45-48 inch..... | 30 inch.....    | 10 00   | 18 00   |
| 46-54 inch..... | 40 inch.....    | 15 00   | 28 00   |

PYRAMIDAL SHAPED.

|                                              |         |         |
|----------------------------------------------|---------|---------|
| 5 ft. high, 24-26 inch diameter at base..... | \$ 8 00 | \$15 00 |
| 6 ft. high, 26-28 inch diameter at base..... | 10 00   | 18 00   |

If wanted out of tubs we allow a 10% discount.

## BOX TREES,

| BUSH SHAPED.  | PYRAMIDAL SHAPED. |
|---------------|-------------------|
| 30 inch high  |                   |
| Each.....     | Each              |
| Per pair..... | Pair              |
| \$2 50        | \$2 00            |
| 4 50          | \$3 75            |

Ampelopsis Veitchii

4-inch pot grown started plants  
 Each 30c; Per dozen, \$3.00;  
 Per 100, \$20.00.

## Vaughan's Seed Store

31-33 Randolph St., Chicago. 25 Barclay St., New York.  
 Greenhouses, Trial Grounds and Nurseries, Western Springs, Ill.

## HYDRANGEA Souvenir de Claire

The New Hydrangea of Begonia Lorraine Shade.

Strong plants from 3-inch pots, for growing on.

Price. \$5.00 per 100; \$50.00 per 1000.

JACKSON & PERKINS COMPANY, Newark, New York

## Orchids

Special Offer at most attractive prices

To Close Out Fresh Imported Cattleyas.

Triana: Speciosissima, Gaskelliana, and Mendelii. Calanthe Rex, Gigas. Mosses: Calanthe Veitchii.

JOHN DE BUCK,  
 care of Maltus & Ware, 14 Stone St., New York

## THE Storrs & Harrison Co.

PAINESVILLE NURSERIES.

CATALOGUES AND PRICE LISTS

FREE ON APPLICATION.....

PAINESVILLE, OHIO.

## CARNATIONS

F. DORNER & SONS CO.

La Fayette, Indiana.

## Nursery Stock

We have the following to offer for fall trade, 1911:

20,000 Apple, 2-year, smooth and first-class.  
 2,000 Apple, 2-year, transplanted, cut back, smooth heads, 1-inch and up.

5,000 Peach, heaviest on Elberta and Champion.

1,000 K. Her Pear, ¾-inch and 1-inch and up.

1,000 Assorted Pears and Plums, all grades.

50,000 Ornamental Trees, many sorts and sizes.

100,000 Forest Seedlings.

3,600 No. 1 Am. Arbor Vitae, extra fine plants.

5,000 Assorted Ever-reens.

We have a general line in Ornamentals.

Let us figure on your wants.

Hopedale Nurseries, Hopedale, Ill.

Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

Nic. Zweifel, North Milwaukee, Wisconsin.

# BOSTON FERNS

Fill Your Empty Benches  
with Boston Ferns

THEY ARE ALWAYS A PAYING CROP



|              | Doz.   | Per 100 | Each          | Doz     |
|--------------|--------|---------|---------------|---------|
| 2-inch ..... | \$0 50 | \$ 3 00 | 7-inch .....  | \$ 9 00 |
| 3-inch ..... | 1 00   | 8 00    | 8-inch .....  | 12 00   |
| 4-inch ..... | 1 50   | 12 00   | 9-inch .....  | 18 00   |
| 5-inch ..... | 3 00   | 20 00   | 10-inch ..... | \$2 50  |
| 6-inch ..... | 6 00   | 45 00   | 12-inch ..... | 4 00    |

Order Quick While Our Stock Lasts

THE GEO. WITTBOLD CO., <sup>737</sup> Buckingham Place, Chicago

## CHRYSANTHEMUMS

Special

R. C. 2½-in.  
Per 1000 Per 1000

Best Early White Oct. Frost..... \$25 00 \$30 00  
Best Early Yellow Golden Glow... 25 00 30 00

Large Stock, Time to Plant Now.

|                         | R. C. per | 2½-in. per |                |
|-------------------------|-----------|------------|----------------|
| WHITE                   | 100       | 1000       | 100            |
| Virginia Poehlmann..... | \$3 00    | \$25 00    | \$4 00 \$35 00 |
| Robinson.....           | 2 50      | 20 00      | 3 00 25 00     |
| Clementine Touse.....   | 2 50      | 20 00      | 3 00 25 00     |
| Alice Byron.....        | 2 50      | 20 00      | 3 00 25 00     |
| Timothy Eaton.....      | 2 50      | 20 00      |                |
| Pres. Roosevelt.....    | 3 00      | 25 00      | 3 50 30 00     |
| RED                     |           |            |                |
| YELLOW                  |           |            |                |
| W. H. Chadwick.....     | 3 00      | 27 00      | 4 00 35 00     |
| Moore.....              | 2 50      | 20 00      | 3 00 25 00     |
| Halliday.....           | 2 50      | 20 00      | 3 00 25 00     |
| Col. Appleton.....      | 2 50      | 20 00      | 3 00 25 00     |
| Major Bonafant.....     | 2 50      | 20 00      |                |
| Yellow Eaton.....       | 2 50      | 20 00      |                |
| Golden Chadwick.....    | 3 00      | 27 00      | 4 00 35 00     |
| PINK                    |           |            |                |
| McNiece.....            | 2 50      | 20 00      | 3 00 25 00     |
| Maud Dean.....          | 2 50      | 20 00      | 3 00 25 00     |
| Dr. Enguehard.....      | 2 50      | 20 00      | 3 00 25 00     |
| Schrimpton.....         | 3 00      | 20 00      | 3 00 25 00     |
| Intensity.....          | 2 50      | 20 00      | 3 00 25 00     |

POEHLMANN BROS. CO.  
Morton Grove, Ill.

## Asparagus Sprengeri

3 inch 3c; 2 inch 1½c.

|                              |          |
|------------------------------|----------|
| Rex Begonia, 2-inch.....     | 5 cents  |
| Centaurea, 2-inch.....       | 1½ cents |
| Coleus, Golden Belder.....   | 1½ cents |
| Dracena, 2½-inch.....        | 2½ cents |
| English Ivy, 2-inch.....     | 2 cents  |
| Rooted cuttings.....         | 1 cent   |
| Salvia, Bonfire, 2-inch..... | 1½ cents |
| 3-inch.....                  | 3 cents  |
| Snapdragon, 2-inch.....      | 2 cents  |

J. H. DANN & SON, Westfield, N. Y.

## GEO. A. KUHL,

Wholesale and Retail Florist,  
PEKIN, ILL.

Ask for our fern, rose and soft wooded lists also about our special plants for June sales.  
Mention the American Florist when writing

## Last Call for Surplus Stock

AT BARGAIN PRICES

### CANNAS

|                             | 2½-inch. | 3-inch. | 4-inch   |
|-----------------------------|----------|---------|----------|
|                             | Per doz. | Per 100 | Per doz. |
| Allemanis.....              | \$0 50   | \$2 50  | \$0 40   |
| Beaute Potivine.....        | 60       | 3 50    | 75       |
| Betsy Ross.....             | 85       | 5 00    | 1 00     |
| Burbank.....                |          |         | 60       |
| Buttercup.....              | 85       | 5 00    | 1 00     |
| Comte de Sachs.....         | 85       | 6 00    |          |
| Ches. Henderson.....        |          |         | 75       |
| Discolor.....               | 50       | 3 00    | 60       |
| David Haru.....             | 50       | 3 00    | 85       |
| Dwarf Florence Vaughan..... | 50       | 3 00    | 85       |
| Egandale.....               | 50       | 3 00    | 85       |
| Florence Vaughan.....       | 50       | 3 00    | 75       |
| Leonard Vaughan.....        | 50       | 3 00    | 75       |
| New York.....               | 85       | 5 00    | 1 00     |
| Mile. Paul Cazenave.....    | 50       | 3 00    | 40       |
| Multiflora.....             | 1 00     | 8 00    | 1 25     |

### ROSES

|                         | 2½-inch.     | 3½-inch. |
|-------------------------|--------------|----------|
|                         | Per doz.     | Per 100  |
| American Beauty.....    | \$1 75       | \$12 00  |
| Bridesmaid.....         | 1 50         | 10 00    |
| Cardinal.....           | 2 00         | 15 00    |
| Clothilde Soupert.....  | 1 50         | 10 00    |
| Grass an Tepitz.....    | \$0 60       | \$4 00   |
| Hermosa, Climbing.....  | exch. \$0 35 |          |
| Kaiserin Augusta.....   |              | 3 50     |
| Victoria.....           | 60           | 4 00     |
| Killarney, pink.....    | 2 00         | 15 00    |
| white.....              | 1 00         | 6 00     |
| La France.....          |              | 1 75     |
| Maman Cochet, pink..... | 1 50         | 10 00    |
| My Maryland.....        | 1 00         | 6 00     |
| Richmond.....           | 85           | 6 00     |
| W. R. Smith.....        | 1 50         | 10 00    |

### BEDDING PLANTS

|                                       | Per doz. | Per 100 |
|---------------------------------------|----------|---------|
| Abutilon Savitz, 2-inch.....          | \$0 45   | 3 00    |
| Ageratum Little Blue Star, 2½-in..... | 50       | 3 50    |
| Cobea Scandens, 4-inch.....           | 1 75     | 12 00   |
| Coleus Golden Belder, 2-inch.....     | 50       | 3 00    |
| John Pfister, 2-inch.....             | 60       | 4 00    |
| Geraniums, S. A. Nutt, 2½-inch.....   | 60       | 4 00    |
| John Doyle, 4-inch.....               | 1 25     | 8 00    |
| Moonvine, white, 3-inch.....          | 1 25     | 10 00   |
| Salvia, Drooping Spikes, 2½-in.....   | 60       | 4 00    |
| Zurich.....                           |          |         |

### FERNS

|                                                  |  |
|--------------------------------------------------|--|
| Asparagus Plumosus Nanus—                        |  |
| Seedlings, .. per 100, \$1 50; per 1000, \$12 00 |  |
| Mixed Ferns for Dishes—                          |  |
| Fine 3 in. stock, per doz., 85c; per 100, \$6 00 |  |

4-inch, pot-grown started plants.  
Each, 30c; per doz., \$3 00; per 100 \$20 00.  
All this stock is in first class condition ready for immediate shipment.  
F. O. B. Western Springs.

## VAUGHAN'S SEED STORE

31-33 Randolph St., CHICAGO. 25 Barclay St., NEW YORK  
(New Number, Same Location.)

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

### Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready in July, \$6.00 per 100; \$50.00 per 1000.

Katalog for the asking.



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## GLADIOLUS

Cinnamon Vines, Madeira Vines,  
Lilies, Iris, Daphne Cneorum, Syringa  
Japonica and Wistarias.

Write for price list

E. S. MILLER, Wading River, N. Y.



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

### Cabbage Culture.

Cabbage is one of the most universally cultivated garden plants and in the bulletin issued by the Department of Agriculture the culture is divided under three heads; the truck crop of the south, the early market-garden crop of the north, and the autumn crop of the farm and gardens of the north. The growing of cabbage as a market garden crop in the north is frequently carried on in combination with other crops by interplanting one, two or even three short-season quick-maturing crops between the rows, and as a farm crop it is used as one of the factors in a crop rotation. Cabbage is adapted to a wide range of soil conditions and grows well on nearly all kinds of soil; the main thing, however, is an abundant supply of immediately available plant food. The seed for the extra early crop is sown in February and March, but the later varieties are sown in April and May and usually transplanted to the field, in the latitude of New York, from June 20 to July 1, in rows about 30 inches apart, the plants being set from 13 to 18 inches apart in the row. No other crop responds more quickly to good cultivation and it is a common expression among market gardeners that "cabbage should be hoed every day," but at any rate the cultivation should be frequent and thorough and not deep, the aim being to destroy all competing weeds and to maintain a loose, friable layer of soil about two inches deep over the surface. In harvesting the early crop is cut and marketed at once, but the later crop is sorted, the better heads selected, and stored in warehouses in sections where the winters are severe, or piled in long racks and then covered with rye straw and a layer of earth in milder portions of the country. The thickness of the covering depending upon the severity of the climate.

### Considering Young Onions.

Nature in a benignant mood set down to make young spring onions. The benevolence of the original intent may not be doubted. Possibly the dame had just put the finishing touches on parsnips and was contrite, or possibly it was in sheer good nature that she directed her hands to the shaping of this creation. Of one thing we may be certain: Nature planned a benefaction.

At this late day it is not given us to determine what happened in the course of manufacture; whether in pure mischief the dame reasoned that the bulb promised to be too good for mere humans, or whether, as she contrived the blessing, she passed from activity to dreaming and dozed, with idle hands in lap, and thus was surprised by a sour dispositioned demon who dropped the acid volatile oil into the elements with which she worked.

We have with us now the young green onion and are led to speculate whether it was by accident or design that a penalty was attached to the consumption of so estimable a food. If we lean towards the conclusion that there was a purpose in it, we have just cause for complaint. The season which brings us the young onion brings also the desire for it, the craving for the fresh, green produce of the earth. To yield to it means to fill up a cup of tribulation for persons unfortunate in their proximity to the weak character who looked upon onions when they were green and did eat of them.

It avails nothing to consider that if the bulb did not have the acrid volatile oil it would fail in its satisfying mission on earth. There remains the belief that if the effort to fashion this delicacy had been sincere or undisturbed we might have had the taste without the odor. The eating or use of garlic is a premeditated crime, planned and committed deliberately, but the victim of spring onions has succumbed to an amiable weakness. Yet the inexorable law of society punishes the lesser as it does the greater offender.

We credit Dame Nature with the intent to work a benefaction. We observe that the result of her labor was the fashioning of a temptation.—Chicago Tribune.

WALTHAM, MASS.—A deer becoming frightened, jumped into the greenhouse of J. T. Silman, breaking glass and sash. The animal was so badly cut that it died before any aid could benefit it.

TORONTO, ONT.—The June exhibition of the Toronto Horticultural Society was held in a large tent in Allan Gardens June 2. Flowering shrubs were a feature of the exhibit, several tables being filled with these.

HINGHAM, MASS.—The first regular monthly meeting and exhibition of the Agricultural and Horticultural Society was held in the Town hall, May 16. William L. Howard was chosen secretary vice W. H. Thomas, deceased.

FINDLAY, O.—S. J. McMichael, for twenty-five years identified with the floral business here, has disposed of his greenhouse interests to A. H. Marshall, who since February has been his manager. Mr. McMichael has retained certain interests which he will develop in the future.

### VEGETABLE PLANTS.

Cabbage, Wakefield, All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.

Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1.00 per 1000; 10,000 and over 85c per 1000.  
Beet, Crosby Egyptian and Eclipse, \$1.25 per 1000 Cash with order.

R. VINCENT, JR., & SONS CO., White Masrh, Md.

### Springfield, Mass.

Business has been very good this season especially at Memorial day when everything was about cleaned up.

N. F. Higgins of State street contemplates enlarging his plant on Pine street, his growing trade requiring more space.

Fred Vetty, formerly foreman for J. W. Adams & Co., has left for Portland, O., where he has accepted a similar position. L. H. B.

CAPE GIRARDEAU, MO.—Charles H. Gelven will erect two greenhouses in which to grow carnations this summer equipped with Garland's iron gutters and the latest improvements.

BLUE POINT, N. Y.—F. E. Abrams is erecting two new greenhouses 40½x180 feet each and a head building 18x41 feet. The houses are steel frame and being erected by the Lord & Burnham Co.

MARIETTA, O.—The Marietta Floral Co., which recently purchased the Smith greenhouses, are making extensive improvements upon the heating plant and greenhouses preparatory to enlarging the business.



Watch for our Trade Mark stamped on every brick of Lambert's

Pure Culture Mushroom Spawn

Substitution of cheaper grades thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address—

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We will mail on application sample of

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Direct or Transfer, or both

that you may be your own judge of quality. We will quote you most attractive figures.

Our quality speaks for itself and is guaranteed

Niagara Mushroom & Spawn Co. Lockport, N. Y.

## Success In Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

AMERICAN FLORIST CO.,  
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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Chinerias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT PANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-10 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

EXTRA FINE

# Rose Plants

Orders should be placed  
at once.

Stock can be shipped now  
or when you are ready to  
plant.

## Fine, Strong, Healthy Stock

2½-INCH

|                            | 100    | 1000    |
|----------------------------|--------|---------|
| American Beauty.....       | \$5 50 | \$50 00 |
| Bride and Maid.....        | 3 00   | 28 00   |
| Chatenay.....              | 3 00   | 28 00   |
| American Beauty, 3-in..... | 7 00   | 60 00   |
| Bride and Maid, 3-in.....  | 4 50   | 40 00   |
| Chatenay, 3-in.....        | 4 00   | 35 00   |

SAMPLES CHEERFULLY FURNISHED.

# UNITED STATES CUT FLOWER CO., Elmira, N. Y.

## EXTRA FINE Grafted Rose Plants

|                         | 3½-inch | Per 1000 |
|-------------------------|---------|----------|
| White Killarney.....    |         | \$120.00 |
| Pink Killarney.....     |         | 120.00   |
| Maryland.....           |         | 120.00   |
| Richmond.....           |         | 120.00   |
| Perles.....             |         | 120.00   |
| Maryland, own root..... |         | 75.00    |
| Perles, own root.....   |         | 75.00    |

**POEHLMANN BROS. CO.,**  
Morton Grove, Ill.

Mention the American Florist when writing

## 5,000 Geraniums

|                                         |         |
|-----------------------------------------|---------|
| S. A. Nutt and other leading varieties. | Per 100 |
| 4 in.....                               | \$8 00  |
| 3 in.....                               | 5 00    |
| 2 in.....                               | 2 50    |
| 200 Mme. Sallerol, 3 in.....            | 5 00    |
| 500 Mme. Sallerol, 2 in.....            | 2 50    |
| 2,000 Cannes, 2½ in.....                | 4 00    |
| 200 Alyssum, double, 2 in.....          | 2 00    |
| 400 Asperatum, 2 in.....                | 2 00    |
| 1,000 Alternanthera, 2 in.....          | 1 50    |
| 200 Santolina 2 in.....                 | 2 00    |
| 100 Centaurea Gymnocarpa, 2 in.....     | 2 00    |
| 2,000 Virgas, extra fine 2 in.....      | 3 00    |
| 500 light 3 in.....                     | 5 00    |

**I. N. Kramer & Son,**  
Cedar Rapids, Iowa.

Mention the American Florist when writing

## Am. Beauty

2½-in. \$8 per 100; \$50 per 1000  
4-in. \$15 per 100

Good assortment of H. P's, H. T's,  
T's, etc,

**THE LEEDLE FLORAL COMPANY**  
SPRINGFIELD-OHIO.

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1000 Clumps  
of **Adiantum Croweanum**  
\$25.00 per 100.

1000 **Bride**. 1000 **Richmond**,  
500 **Chatenay**, \$45.00 per 1000  
**Hydrangea Otaksa**, in tubs, \$2.50 to \$5.00 each.

**ELI CROSS**, 25 Monroe St.,  
Grand Rapids, Mich.

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## A. N. PIERSON, Inc.

Cromwell, Conn.

### ROSES It Will Pay You to Buy

Killarney, White Killarney,  
Bride, Bridesmaid.

Selected grafted plants, ready for  
shipment, \$15.00 per 100; \$120.00 per  
1000.

Prince de Bulgarie

The money maker for summer, fall  
and spring. Per 100 1000  
Grafted.....\$20.00 \$180.00  
Own root.....15.00 120.00

Double Pink Killarney, Mrs. Aaron  
Ward, Radiance and Melody.

ORDER AT ONCE

### ASPARAGUS HATCHERII

The variety that will increase your revenue. It will make more green to  
the square foot than anything you could grow. Selected plants, from 2½-in.  
pots, ready for larger pots or for planting, \$15.00 per 1000.

### ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 3-in. pots, \$8.00 per 100, \$50.00 per 1000

Mention the American Florist when writing

We have for many years been engaged in growing  
and putting up

## Strictly First Class Plants

For Nurserymen's and Florists' Retail Trade

No matter if not ready to place an order today,  
write us **NOW** and get your name on our mailing list  
so as to be sure of our wholesale price list when out.

**WILLETT & WHELOCK**, North Collins, N. Y.

Mention the American Florist when writing

## American Beauties

Extra fine, from 3-in. pots, strong and clean, \$85.00 per 1000.  
Send for Sample.

**W. W. COLES**,

**Kokomo, Ind.**

Mention the American Florist when writing



## The Nursery Trade

**American Association of Nurserymen**  
 W. P. Stark, Louisiana, Mo., President;  
 R. S. Welch, Shenandoah, Ia., Vice-Presi-  
 dent; John Hall, Rochester, N. Y., Sec'y.  
 Thirty-sixth annual convention to be held  
 at St. Louis, Mo., June 14-16, 1911.

For report of the annual meeting and exhibition of the American Peony Society see page 1084.

CHICAGO.—Carl Cropp of Vaughan's Nurseries, is at St. Louis this week attending the Nurserymen's convention.

BOSTON MASS.—Dr. Fernald of Amherst, President Wyman of the Massachusetts Nurserymen's Association and J. Lewis Ellsworth, secretary of the Massachusetts Board of Agriculture, appeared before the state authorities in an endeavor to establish the office of inspector of nurseries and to increase the appropriation from \$2,000 to \$25,000 for that department.

### Blister Rust of White Pine.

The dangerous European disease, blister rust of white pine, was recently introduced into America and was promptly eradicated and the United States Department of Agriculture has issued a bulletin giving a full and detailed account of the fungous producing the disease and its preference for pines, currants and gooseberries, and requests prompt information of the importation of these plants.

### Arnold Arboretum Bulletins.

In Bulletin No. 6 issued by the Arnold Arboretum June 6, the rhododendrons, kalmias, ilex, laburnums, diervilleas and Rosa Arnoldiana are noted as in bloom and their characteristics described. In response to a request for a list of hybrid rhododendrons which can be grown, the following have been most successful in the neighborhood of Boston: Album elegans, album grandiflorum, atrosanguineum, bicolor, Charles Bagley, Charles Dickens, delicatissimum, Edward S. Rand, Everestianum, F. L. Ames, H. W. Sargent, Hannibal, Kettledrum, King of the Purples, Henrietta Sargent, Lady Armstrong, Mrs. Millner, Mrs. Charles Sargent, Mrs. Harry Ingersoll, purpureum elegans, purpureum grandiflorum, roseum elegans and Sefton.

### American Association of Nurserymen.

The annual convention of the American Association of Nurserymen was held in the Southern hotel, St. Louis, Mo., the opening session being called to order on the morning of Wednesday, June 9, by President W. P. Stark, with one hundred and fifty members present. The association was welcomed to the city in an address by Mayor Kreisman, which was ably responded to by J. W. Hill of Des Moines, Ia., which was followed by an address by Norman J. Coleman, first secretary of agriculture. President Stark then delivered a very comprehensive address dealing with subjects that were of vital importance to the nursery trade. Secretary Hall then read his report showing a membership at present of four hundred. The treasurer's report showed a balance on hand of \$5,000. The

transportation committee reported that Colorado and Kansas rates were lowered fourteen per cent. Recommendations were adopted toward sending a representative of the association to the official classification meeting to be held in New York in August. The following special committees were appointed: President's address, John S. Kerr, Prof. John Craig and J. H. Skinner; auditing, Peter Youngers, E. W. Kirkpatrick, C. T. Smith; final resolutions, J. W. Hill, F. W. Heikes.

Among the prominent members of the trade present were J. W. Hill, Des Moines, Ia.; Peter Youngers, Geneva, Neb.; Orlando Harrison, Berlin, Md.; Carl Cropp, Chicago; W. P. Stark, Louisiana, Tex.; F. H. Stannard, Ottawa, Kans.; I. E. Ilgenfritz, Monroe, Mich.; J. C. Van Lindley, Pomona, N. C.; Prof. H. C. Irish, St. Louis, Mo.; John C. Chase, Derry, N. H.; E. W. Kirkpatrick, McKinney, Tex.; E. L. Watrous, Des Moines, Ia.; Guy A. Bry-



W. P. Stark, Louisiana, Mo.

President American Association of Nurserymen.

ant, Princeton, Ill.; Irving Rouse, Rochester, N. Y.; Thomas B. Meehan, Dreshertown, Pa.; E. W. Reid, St. Paul, Minn.

The address of President Stark was replete with important matters concerning the association and subjects of interest to the trade, which were treated in a very comprehensive manner. Among the more important subjects treated were the necessity of the members getting together and pulling together, and in order to get the best results through the association there should be a full attendance and participation at all the daily meetings. That the assistance and co-operation of scientific men and inspectors was absolutely necessary for the welfare of nurserymen and orchardists, and the necessity of a national inspection bill was very ably presented. The members were urged to grade their stock carefully and more uniformly to adopt regulation standards. The enactment of unreasonable laws should be given attention, and nurserymen should be more closely in touch with matters of this kind. Experimental stations and demonstration orchards should be established and their work encouraged and promoted,

supplying the material without price where needed and nurserymen as a whole should pay more attention to civic improvements and forestry. The time selected by the association for its meetings and the necessity of increasing the membership dues were presented to the members in a very clear manner. The publicity committee was a start in the right direction, but there must be a united effort, a campaign of education, to teach the country the beauty of the products of the nursery. Higher standards of business were urged, both in stock and its growth, and in packing and selling, and also to embrace the opportunities which were open to the trade, for each year the world is looking more and more to America for its supply of fruit in its fresh, preserved and dried forms.

CEDAR RAPIDS, IA.—John Stetka, formerly superintendent of Ellis Park, has purchased five acres of land which he will devote to the culture of flowers, shrubs and fruit, and will erect a greenhouse at once.

PHILADELPHIA, PA.—The annual rose show of the Germantown Horticultural Society was held in the Germantown Y. M. C. A. building June 5. A lecture on the "Cultivation of the Rose" was given by Earnest Hemming.

## LARGE TREES

OAKS and MAPLES  
 Pines and Hemlocks

**ANDORRA NURSERIES,**

Wm. Warner Harper, Prop.

Chestnut Hill,

PHILA., PA.

## Phoenix Nursery Company

Nurserymen and Florists  
**BLOOMINGTON, ILLINOIS**

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready  
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Kentia Belmoreana, 4 year old, 26 to 28 inches high, \$1.00 to \$1.25  
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Phlox Drummondii, dwarf and grandiflora.  
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Pyrethrum Aureum (Golden Feather), \$3.00 per 100  
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 Landroth Seed Co.....1109  
 Langjahr A. H.....1103  
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## Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A, NEW YORK. Telephone Lenox 5644.

## THE STANDARD



## VENTILATING MACHINERY

The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPAID CO., Youngstown, Ohio

If you want to get the want you want to get, you want to get your want ad into the

## AMERICAN FLORIST

Try it now.

Every advertisement represents a genuine want. It pays to answer them.

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using

## Morehead Steam Traps

1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

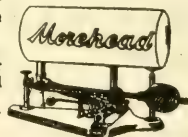
1 The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

1 By way of getting acquainted, just send your name and address and ask for 'Trap Book.'

MOREHEAD MFG. CO.

Department 'W'

Detroit, Mich.



## Tobacco Paper "Nico-Fume"

IS THE

STRONGEST

BEST PACKED

EASIEST APPLIED

24 sheets.....\$ 0.75  
 144 sheets..... 8.60  
 838 sheets..... 6.60  
 1728 sheets..... 36.10

## "Nico-Fume" LIQUID

OVER 40% NICOTINE

By far the

CHEAPEST

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Pint.....\$ 1.50  
 1/2 Gallon..... 6.60  
 Gallon..... 10.60  
 5 Gallons..... 7.35

Furnishes the Most Nicotine for the Money!

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGAVE.

Agave (Century plants), nice thrifty plants, 25c each; \$2.50 per doz. Wagner Park Conservatories, Sidney, O.

## AGERATUM.

Ageratum Stella Gurney, 2-in., 2c. J. L. Schiller, Toledo, O.

Ageratum, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings, P. major, red 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100, \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.

Alternantheras, red and yellow, big strong, 2½-in., \$1.50 per 100. C. Humfeldt, Clay Center, Kans.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## ALYSSUM.

Sweet Alyssum, 2½-in., \$1.50 per 100. C. Humfeldt, Clay Center, Kans.

## AMPELOPSIS.

Ampelopsis Veitchii, 4-in., pot-grown, 30c each; \$3 per doz.; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria excelsa, 6-in., 24 ins., 5 tiers, 75c. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

## ASTERS.

Asters, Vick's Early Branching, Vick's Late Branching, Victoria Imp., all colors separate, Mikado and Vick's Royal Purple, good healthy plants from seed best at \$2.50 per 1,000 in any quantity. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Asters, good strong transplanted, \$1.50 per 100; \$12.50 per 1,000. Otto J. Hembreker, Lincoln, Ill.

Asters, giant Crego, 2½-in., \$3 per 100; \$25 per 1,000. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

## ASPARAGUS.

Asparagus plumosus seedlings, \$1.25 per 100; \$10 per 1,000; Sprenger, 4-in., \$7 per 100; \$7.50 per 1,000. Plumosus, 2½-in., \$2 per 100; Sprenger, 2½-in., \$2 Jos. H. Cunningham, Delaware, O.

Asparagus Hatcheri, 2½-in., \$15 per 100. Sprenger, 4-in., \$10 per 100; 3-in., \$6 per 100; \$50 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Pothound 3-in. Sprenger, can be shifted into 5-in., \$6 per 100. C. C. Pulworth Co., Milwaukee, Wis.

Asparagus plumosus, 2-in., \$3 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprenger, 3½-in., strong, \$7 per 100; \$60 per 1,000. Cash, please. Harry Heintz, West Toledo, O.

Asparagus Sprenger, from 3-in. pots, 3½c; strong stock, J. L. Schiller, Toledo, O.

Asparagus plumosus nanus, seedlings ready now at \$1 per 100; \$10 per 1,000; \$45 per 5,000. Cash with order, please. Floral Hill Gardens, G. P. Nepp, Prop., Chatham, N. J.

Asparagus seedlings. Plumosus, 90c per 100; \$7.50 per 1,000. Sprenger, 60c per 100; \$5 per 1,000. Resser Plant Co., Springfield, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Westlin Floral Co., Horrell, N. Y.

Asparagus Sprenger, 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2½-in., \$3 per 100; \$25 per 1,000. Sprenger, 4-in., 10c; 2½-in., \$5 per 100. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Asparagus Sprenger, 2½-in., \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

Asparagus plumosus nanus, seedlings, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus, Sprenger, 2-in., extra fine, \$1.75 per 100. Wagner Park Conservatories, Sidney, Ohio.

Asparagus Sprenger, 4-in., \$5 per 100; 2-in., \$1.50. A. M. Herr, Lancaster, Pa.

Asparagus Sprenger, 3-in., \$3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus plumosus and Sprenger plants. W. H. Elliott, Brighton, Mass.

## BAY TREES.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-inch corners. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatories, Sidney, O.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock: Cannas, John D. Eisele, Egandale, Muncie, Crozy, 4-in., \$8 per 100. Alp. Bouvier, R. Wallace, 37, Madison, N. Y., 3-in., \$10 per 100; 2½-in., \$5. Begonia Erfordt, 4-in., \$8 per 100; Vernon, 4-in., \$7 and \$8 per 100; 3-in., \$5. Lemon verbenas, 4-in., \$7. Scarlet sage, Bedman or Bonde, 4-in., \$7. Ageratum, 4-in., \$7. Fuchsias, 4-in., \$7; 5-in., 10c. Petunias, 4-in., \$7. Lantanas, 4-in., \$7. Geraniums, Nutt, Ricard, Buchner, 4-in., \$7. Ivy geraniums, 4-in., \$6. Honeysuckles, Halsey, 4-in., 10c; 5-in., 15c each. Crimson Rambler roses, 50c to \$1 each. Clematis manicata, 5½-in., 15c to 20c each. Cobea Scandens, 4-in., 10c each; 3-in., \$4 per 100. Small plants, 2½-in., \$2.50 per 100. Verbenas, Pilot Drummondii, dwarf, and grandiflora; Dwarf Tagetes (Marigold); Coleus Verschaffelti, Golden Bedder, Queen Victoria, etc.; Petunias, Inimitable, dwarf; Sweet Alyssum (Carpet of Snow or Little Gem); tradescantia; Thunbergia; Lobelia Crystal Palace, etc.; cordflowers; Centaurea Gym.; Pyrethrum Aureum, \$3 per 100; Keilworth Ivy, 2½-in., 3c. Acalypha, 2½-in., \$3 per 100. Asters, giant Crego \$3 per 100; \$25 per 1,000. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding plants: Abutilon Savitzii, 2-in., 45c per doz.; \$3 per 100. Ageratum Little Blue Star, 2½-in., 50c per doz.; \$5.50 per 100. Cobea Scandens, 4-in., \$1.75 per doz.; \$12 per 100. Coleus Golden Bedder, 2-in., 50c per doz.; \$5 per 100. John Pfister, 2-in., 60c per doz.; \$4 per 100. Geraniums, S. A. Nutt, 2½-in., 60c per doz.; \$4 per 100; John Doyle, 4-in., \$1.25 per doz.; \$8 per 100. Moonbeam, white, 3-in., \$1.25 per doz.; \$10 per 100. Salvia Drooping Spikes and Zurich, 2½-in., 60c per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

Stock from 3-in. pots, \$4 per 100: Salvia Bonfire and Zurich; Ampelopsis Veitchii; Hardy English Ivy; Persian vine, from 2½-in. pots, \$2.50 per 100. German Ivy, Impatiens Holsti and Sultana; cypripas, snapdragons, Clematis paniculata, Abutilon Savitzii, Salvia Bonfire, Lobelia, Eustoma radicans, cosmos, bouvardias, 2-in., \$3 per 100. Achyranthus, 2 vars., 2½-in., \$2 per 100. Eisele, 11th and Westmoreland Sts., Philadelphia.

Bedding stock, geraniums, 4-in., \$8 per 100; 3-in., \$5; 2-in., \$2.50; Salleri, 3-in., \$5; 2-in., \$2.50. Cannas, 2½-in., \$4 per 100. Alyssum, 2-in., 2½c per 100. Ageratum, 2-in., \$2 per 100. Alternantheras, 2-in., \$1.50 per 100. Santolina, 2-in., \$2 per 100. Centaurea Gym., 2-in., \$2 per 100. Vincetoxicum, \$3 per 100; light 3-in., \$6 per 100. J. N. Kramer & Son, Cedar Rapids, Ia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprenger, amilax, 2½-in., \$2 per 100; 300 for \$3. J. C. Schmidt, Bristol, Pa.

Seasonable stock. For varieties and prices see advertisement on front cover page. R. Vincent Jr. & Sons Co., White Marsh, Md.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 300; \$80 per 1,000. Begonia Agatha, \$12 per 100. Begonia La Patrie (new) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias, Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2-in., \$3 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2½-in., twice transplanted, \$2 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Begonias in bloom, 2½-in., 2c; 3-in., 6c. Mosbach Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Box trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000; Gloxinias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fortler, Elske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, All kinds, Jas. Vick's Sons, Rochester, N. Y.

Bulbs, hyacinths, tulips, narcissus. Leechner & Co., 11 Warren St., New York.

Bulbs, Burnett Bros., 72 Cortland St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus. Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$2 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

CANNAS. 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. W. Wilson, Elliott, 200 Patry, 200 J. D. Cabos, 100 Louisiana, 100 Flamingo, 300 Allemania, 100 Alphonsse Bouvier, 50 Pres. McKinley, 150 Egandale, 200 Crimson Bedder, 50 Wm. Farmer, 50 Express, 100 P. Crozy, 200 Muncie, Crozy, 50 David Harum, 300 Burbank, 100 S. A. Crozy, 100 Paul Mary, 200 Muncie, 50 Paternope, 50 Ed. Hoss, All the new stock from 3-in. pots, \$4 per 100; 1,000 strong plants for \$60. JOSEPH HANCKROFT & SON, Cedar Falls, Iowa.

Cannas, strong plants from 3½-in. pots, Queen Charlotte, Allemania, Henderson, Wallace and P. Vaughan, \$5 per 100. K. Humbert, \$8 per 100. Cash, please. Harry Heintz, West Toledo, O.

Cannas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, Egandale Marlborough; \$1.50. David Harum, \$2 per 100. J. H. Dann, Westfield, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CARNATIONS.**

Carnations, strong, well branched field plants. **APPLE BLOSSOM** (Grown and endorsed by Patten & Co., carnation specialists, Devilsbury, Mass.). **PINK DELIGHT, DOROTHY GORDON, Winkona Greenhouses, Barneveld, N. Y.**

Carnation Bright Spot. N. Zweifel, North Milwaukee, Wis.

Carnations. F. Dornier & Sons Co., La Fayette, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations. Wood Bros., Fishkill, N. Y.

**CHRYSANTHEMUMS.**

Strong, clean surplus stock. Pacific Supreme, Oct. Frost, Jennie Nonin, Golden Glow, Ivory, Monrovia, Babies, White, Pink and Yellow, 2½ in., \$1.75 per 100. I grow 30,000 for market and have a choice yellow "no name," early as Supreme, easy dozer; good shipper; try it! \$2.50 per 100. W. D. Orvitt, 220 Highland Ave., Rochester, N. Y.

Chrysanthemum plants, V. Poehlmann, Golden Glow, Estelle, Dr. Enguehard, Alice Byron, 3¢ per 100; \$25 per 1,000. Chicago Carnation Co., A. T. Pyfer, Mgr., 30 E. Randolph St., Chicago.

Chrysanthemums, Estelle, Polly Rose, Oct. Frost, Ivory, Gloxy Pacific, P. Ivory, M. Bailey, G. Glow, Bonafant, \$1.25 per 100; \$10 per 1,000. D. H. Green, Boonsboro, Md.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Pacific Supreme, R. C., \$2 per 100; \$15 per 1,000. 2½-in., \$2.50 per 100; \$20 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums leading vars. Wood Bros., Fishkill, N. Y.

**CINERARIAS.**

Cinerarias, Stellata, dwarf hybrid grandiflora, 2½-in., \$2.50 per 100; 3-in., 4¢. Mosbach Greenhouse Co., Onarga, Ill.

**CLEMATIS.**

Clematis, 2-year plants, 3¢ per doz. Paniculata, 4-in., \$10 per 100; 3-in., \$5 per 100. C. Diehle, 11th and Westmoreland Sts., Philadelphia.

Clematis paniculata. 4-in. pots, \$2 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**COBEAS,**

Cobea Scandens, 3-in., 4¢; 4-in., 10¢; GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**COLEUSES.**

Coleus, best hedders, large 2½-in. plants, \$1.50 per 100; \$12 per 1,000. C. Humfeld, Clay Center, Kans.

Coleus, 2½-in., \$2.50 per 100. Cash, please. Harry Heintz, W. Toledo, O.

Coleus, standard varieties, 2½-in., \$2 per 100. Mosbach Greenhouse Co., Onarga, Ill.

Coleus, Golden Bedder, Verschaffeltii, and others, stocky plants, 2¢ each. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 good vars., 2-in., 2¢. J. L. Schuler, Toledo, O.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

**CROTONS.**

Crotons, 10 vars., 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

**CYCLAMENS.**

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Koehrs Company, Rutherford, N. J.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidslay & Irwin Co., 1215 Beta Bldg., Philadelphia.

Cyclamens, 2½-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

**DHALIAS.**

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J., P. O. Berlin, N. J.

**DAISIES.**

Giant Double Daisies, mixed, \$2.50 per 1,000; 100 prepaid, 40¢. Chas. Frost, Kenilworth, N. J.

**DRACENAS.**

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Horneal, N. Y.

Dracena Fragrans, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz; 4-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 2-in., 2¢; 2½-in., 2½¢; 3-in., 3¢. J. H. Dann & Son, Westfield, N. Y.

Dracena 5-in., \$20 per 100. Cash please. Harry Heintz, West Toledo, O.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

**FERNS.**

Ferns, Scottii, 8-in., \$1.50; 7-in., 75¢ to \$1. Whitman and Scholzei, 7-in., \$1. Gladioli, 5, 5½-in., 30¢ to 40¢; 4-in., 20¢ and 25¢. Large 3-in. Boston, Whitman, Scottii and Scholzei, 15¢ to 20¢. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Ferns, Boston. For prices and sizes see advertisement elsewhere in this issue. Geo. Wittbold Co., 337 Buckingham Pl., Chicago.

Fern Nephrolepis Gladioli, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000; 4-in., \$25 per 100. George Glatas, 463 Summit Ave., Hudson, N. J.

Ferns, mixed for dishes, 3-in., 85¢ per doz.; \$3 per 100. Vaughan's Seed Store, Chicago and New York.

Adiantum Farleyense, 1½-in., \$10 per 100; 2½-in., \$15. J. A. Peterson, Westwood, Cincinnati, O.

Ferns, Boston, 9-in., azalea pot, 2½ to 3-ft. spread, \$1.50 each. Joseph Heacock Co., Wyncote, Pa.

Ferns, Boston, 3-in., 8¢; 8-in., \$1; 10-in., \$2.50; 12-in., \$1.50 each. Mosbach Greenhouse Co., Onarga, Ill.

Ferns, Boston, 3-in., \$8 per 100. Reeser Plant Co., Springfield, O.

Ferns, Adiantum Croweanum, clumps, \$25 per 100. Eli Cross, Grand Rapids, Mich.

Ferns, Whitman, 4-in., 25¢ each; 5-in., 35¢; Boston, 5-in., 25¢. Geo. M. Emmans, Newton, N. J.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechalin, 4911 Quincy St., Chicago.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Boston, 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

Ferns, Bobbink & Atkins, Rutherford, N. J.

**GERANIUMS.****STOCK PLANTS.**

Nutt, Grant, Poitevine, Buchner, A No. 1 stock to bed out for cuttings, one-year-old, \$4 per 100; \$35 per 1,000; \$50 at 1,000 rate. Cash The W. T. Buckley Co., Springfield, Ill.

3,000 surplus geraniums, in 3¼ and 4-in. Nutt, Poitevine, Jean Vaud, La Favorite and others. Write how many you need and will make price right to move them. Leo Wellenreiter, Danvers, Ill.

Geraniums, 12,000 in full bloom, all leading varieties, principally Nutt, 4 and 4½-in., \$7 and \$8 per 100. Cash please. P. Rich & Co., Dowers Grove, Ill.

Geraniums, standard varieties, 2½-in., \$3 per 100; \$25 per 1,000; 3-in., 5¢. Mosbach Greenhouse Co., Onarga, Ill.

Geraniums in bud and bloom from 3-in., Nutt, Poitevine, J. Vaud, Ricard and Dbl. White, \$4 per 100. Cash, please. Harry Heintz, West Toledo, O.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., 3¢; 3-in., \$4 per 100. Vaud, Castellane, Poitevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, nice stocky plants, bud and bloom. S. A. Nutt, Ricard, Beate Poitevine, Buchner, 4-in., \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

Geranium Mme. Sallerol, 3-in., extra fine stock at \$3 per 100. Cash. Platterville Floral Co., Plattville, Wis.

Geranium R. C. Nutt, Ricard, Poitevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

**GREENS.**

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90¢ per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4¢ and 5¢ per yard. J. Jansky, 19 Province St., Boston.

Greens of all kinds. For varieties and prices see advertisement elsewhere in this issue. Michigan Out Flower Exchange, 38 Broadway, Detroit, Mich.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galat. Geo. Cotsonas & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Loretta, \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ala.

**HARDY PLANTS.**

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

Water lilies. Wm. Tricker, Arlington, N. J.

**HELIOTROPES.**

Heliotrope, 3-in., \$4 per 100. Cash, please. Harry Heintz, West Toledo, O.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

**HIBISCUS.**

Hibiscus Peachbloss, 2½-in., \$3 per 100. Jackson & Perkins Co., Newark, N. Y.

**HYDRANGEAS.**

Hydrangeas, 6, 7 and 8-in., 75¢, \$1, \$1.25 and \$1.50 each; 12-in. tubs, \$3 each; 14-in. tubs, \$3 each; 16-in., \$4; 18-in., \$5; extra large specimen in half barrels, \$10. E. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Hydrangea Souvenir de Claire, the new hybrid of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Hydrangea Avalanche, 2½-in. pots, 50¢ each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

Hydrangea Otakia, in tubs, \$2.50 to \$5 each. Eli Cross, Grand Rapids, Mich.

**JERUSALEM CHERRIES.**

Jerusalem cherries, 2½-in., \$3 per 100. Jackson & Perkins Co., Newark, N. Y.

**JUMPING BEANS.**

Mexican Jumping Beans. Live beans that continues to jump for weeks; the greatest wonder for show window and counter trade, 50¢ per 100; \$4 at 1,000, postpaid. J. A. McDowell, Ap. 187, Mexico City.

**LEMONS.**

Lemon Ponderosa, 2½-in., \$2.50 per 100. Jackson & Perkins Co., Newark, N. Y.

**LILACS.**

Lilacs, Jacs Smits, Lt., Naarden, Holland.

**LILY OF THE VALLEY.****To Import.**

Lily of the valley. Jacs Smits, Lt., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

**From Storage.**

Lily of the valley, cold storage pipe, case of 1,000; 13¢ case of 3,000; \$30 J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley, D. N. Bruns, 3038-42 W. Madison St., Chicago.

**LOBELIAS.**

Lobelias, Crystal Palace and White, very strong, 2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

**MOONVINES.**

Moonvines (Ipomoea noctiflora), 2½-in., \$5 per 100; 3-in., \$8; 4-in., \$12. G. Aschmann, 1012 W. Ontario St., Philadelphia.

**MUSHROOM SPAWN.**

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spawn Co., Lockport, N. Y.

Mushroom Spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

**NURSERY STOCK.**

Nursery Stock, 2,000 apple, 2-year; 2,000 apple, 2-year transplant; 5,000 peach; 1,000 Kelfer pears; 1,000 asst. pears and plums; 50,000 ornamental trees; 30,000 forest seedlings; 3,000 No. 1 Am. Arbor-Vitae; 5,000 asst. evergreens. Hopevale Nurseries, Hopevale, Ill.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock. Willett & Wheelock, North Collins, N. Y.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**ORANGES.**

Oranges, Otabelle, 2½-in., \$3 per 100. Jackson & Perkins Co., Newark, N. Y.

**ORCHIDS.**

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.  
Orchids leading vars. John De Buck, care Maltus & Ware, 14 Stone St., New York.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

**PANDANUS.**

PANDANUS UTILIS, 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pandanus Vettehli, 50c, 75c, \$1, \$1.50 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

**PANSIES.**

PANSIES, giant, transplanted, field-grown, in bud and bloom, in good assortment of the finest strains at \$1 per 100; \$3 per 1,000. Special price on 5,000 lots and over. E. Rawlings, Wholesale Grower, Olean, N. Y.

**PALEMS.**

Palms, Phenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borh., 3-in., \$8 per 100; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wynote, Pa.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

**PEONIES.**

Peonies, all vars., Jacs Smits, Naarden, Holland.

Peonies, all standard varieties. The Good & Reese Co., Springfield, O.

**PHLOX.**

Phlox, 15 vars., R. C., \$1.25 per 100 by mail, \$10 per 1,000 by express. A. M. Herr, Lancaster, Pa.

**POINSETTIAS.**

Poinsettias, 2½-in., \$2 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, 2½-in., \$6 per 100. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

**PRIMULAS.**

Primulas from 2-in. pots, frame grown, no better strains in existence. Chinesis, the best giant fringed, 12 separate colors, mixed, 2c. Chinesis grandiflora, Rondeletia, and Latania, all unrivaled hybrids, 14 colors or mixed, 2½c. Obconica gigantea, 5 colors or mixed, 3c. Ready June 20. J. L. Schiller, Toledo, O.

Primroses, Joh. H. Cunningham, Delaware, O.

**ROSES.**

| ROSES.                  |             |            |
|-------------------------|-------------|------------|
|                         | Per 100.    | Per 1,000. |
| Bride, 2½-inch          | .....\$3.00 | \$25.00    |
| Bridesmaid, 2½-inch     | ..... 3.00  | 25.00      |
| Uncle John, 2½-inch     | ..... 3.00  | 25.00      |
| Mrs. Jardine, 2½-inch   | ..... 3.00  | 25.00      |
| Richmond, 2½-inch       | ..... 3.00  | 25.00      |
| Pink Killarney, 2½-inch | ..... 5.00  | 40.00      |
| White Killarney         | ..... 5.00  | 50.00      |

WITTOR BROTHERS. Chicago.

Roses, strong clean stock, own roots, Brides and Bridesmaid, \$7 per 100. Kalsaria Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. P. R. Quinlan, Syracuse, N. Y.

Roses, 2½-in., Am. Beauty, \$5.50 per 100; \$50 per 1,000. Bride and Maid, Chateaufort, \$3 per 100; \$28 per 1,000. Am. Beauty, 3-in., \$7 per 100; \$60 per 1,000. Bride and Maid, 3-in., \$4.50 per 100; \$40 per 1,000. Chateaufort, \$3 per 100; \$25 per 1,000. United States Cut Flower Co., Elmira, N. Y.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000; 2½-in., \$5 per 100; \$45 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehmann Bros. Co., Morton Grove, Ill.

American Beauties, 3-in., \$65 per 1,000. W. W. Coles, Kokomo, Ind.

Roses, Killarney and White Killarney, 2½-in., \$8 per 100. Castle Grove Greenhouses, Danville, Pa.

Roses, 1,000 Bride, 1,000 Richmond, 500 Chateaufort, 500 U. John, 1 year old, \$45 per 1,000. Eli Cross, Grand Rapids, Mich.

Roses. For varieties and prices see advertisements elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses, Kalsaria, Rhea Reid, Killarney, Bon Silence and Safrano. W. H. Elliott, Brighton, Mass.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehmann Bros. Co., Morton Grove, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses, Ledlie Floral Co., Springfield, O.

**SALVIAS.**

Salvias, 4 different varieties, 2 and 2½-in. pots, \$2.25 and \$2.50 per 100; \$20 and \$22.50 per 1,000. Can be shipped in paper pots on request. Cash please. P. Rieth & Co., Downer's Grove, Ill.

Salvia Zurich, 2-in., 2c; 3-in., 3c. Bavaria, White Zurich, 2-in., 2½c; Jewell, introduction 1911, 2-in., \$1 per doz. J. L. Schiller, Toledo, O.

Salvia Zurich and L. Fauntleroy, 3-in., \$4 per 100. Cash please. Harry Hehl, West Toledo, O.

Salvias, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvias, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvia Spandens, 2½-in., 2c. Mosbek Greenhouse Co., Onarga, Ill.

**SEEDS.**

Seeds, onion, peppers, early tomato, cauliflower, beans 37 vars., melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seeds, onions, lettuce, sweet peas, carrot, celery, cress, mustard, parsley, radish, radish, salisfy, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan, Mich.; Sister Bay, Wis.

Seeds, Roemer's Superb Prizé pansies. Fred. Roemer, Quindlenburg, Germany.

Seeds, marasaculous maras. For quick sale, \$1.75 per 1,000; 25,000 and over at \$1.50. Drake Point Greenhouses, Yalaha, Lake Co., Fla.

Seeds, cabbage, cauliflower, carrot, manci, Swede and turnip. Chr. Olsen, Odense, Denmark.

Turnip Seed. Robert Buist Co., Philadelphia, Pa.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

**Contract Growers.**

Seeds. Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Boeder & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onion, sweet peas, aster, cosmos, zinnia, verbena. Waldo Kohnert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quindlenburg, Germany.

Seeds, field, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Growers for the wholesale trade only. Branla Seed Growers' Co., San Jose, Calif.

**SMILAX.**

SMILAX, 10,000 fine strong 2½-in. plants, \$2 per 100; \$17.50 per 1,000. Immediate shipment. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Smilax, \$1.50 per 100; \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax. Wood Bros., Fishkill, N. Y.

**SNAPDRAGONS.**

Snappdragons, 2½-in., white, pink, yellow and red, \$3 per 100. Cash please. Harry Hehl, West Toledo, O.

Snappdragons, white and pure pink, best seller of all snappdragons, 2½-in., \$2 per 100; \$15 per 1,000; 500 at 1,000 rate. Cash. Clement S. Levis, Adlai, Del. Co., Pa.

**STEVIA.**

Stevia, \$1 per 100; \$8 per 1,000. Express paid. C. Humfeld, Clay Center, Kans.

**SPIREAS.**

Spires. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

**VEGETABLE PLANTS.**

VEGETABLE PLANTS. Cabbage: Chas. Wakefield, Succession and Danish Ball Head, \$1 per 1,000; \$7.50 per 10,000. Lettuce: Grand Rapids and Big Boston, \$1 per 1,000; \$7.50 per 10,000. Cauliflower: Henderson's Early Snowball, equal to transplanted, \$2.50 per 1,000. Tomatoes: Transplanted, \$3 per 1,000. Our plants are in excellent shape and well hardened in cold frames. Careful packing, prompt shipment. R. H. Rawlings, Wholesale Grower, Olean, N. Y.

Vegetable plants: Cabbage, Wakefield. All head, Succession, etc., \$1 per 1,000; 10,000 and over, 85c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 85c per 1,000. Beets, Crosby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Cabbage plants: lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

Southern Queen and Yellow Jersey sweet potato plants, \$2 per 1,000, f. o. b. Rush your orders; rates on large amounts. H. P. Miller, Cobden, Ill.

**VERBENAS.**

Verbenas, 4 colors or mixed, 2-in., 2c. J. L. Schiller, Toledo, O.

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid; by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

**VIOLETS.****VIOLET CUTTINGS.****FANCY PRINCESS OF WALES.**

\$12 per 1,000.

**KENNICOTT BROS. COMPANY.**

163-165 N. Wabash Ave.,

CHICAGO.

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, steel return tubular. Johnston Heating Co., 131 E. 26th St., New York.

Boilers, Chicago House Wrecking Co., 35th & Iron St., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschel Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 508 N. State St., Chicago.

**INSECTICIDES.**

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.00; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides, Carman's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Fishing, N. Y.



# NOTICE!

**WE** have withdrawn all dealings with John C. Moninger Co., of Chicago, Ill., and they are no longer permitted to take orders for the Challenge Roller Bearing Ventilating Apparatus.

See the Pull and the Push.

Please send all orders



PAT-MAR-200-06.



or through

**A. DIETSCH & CO., Chicago, Ills.**

**QUAKER CITY MACHINE CO.,  
Richmond, Ind.**

Be it further known that we have filed suit against J. E. Jones, known as Advance Co., Richmond, Ind., for infringement on our Patent No. 915,914 on our 20th Century Arm, on June 5th, 1911. Anyone buying or using the arm made by said Advance Co. will do so at their own risk. Our 20th Century Arm is new and distinct from any arm ever used on Ventilating Apparatus, and is original with us, and we propose to protect it with our patent.

Respectfully yours,

**QUAKER CITY MACHINE CO.**

## MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerrmoor, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Model extensive carnation support; galvanized rose stakes. Igoe Bros., 269 N. 9th St., Brooklyn, N. Y.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Peerless Sulphur Blower, \$4. McMorran & Co., 162 N. Clinton St., Chicago.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Superior Carnation Staple, 1,000 for 50c. L. J. Waite, 292 Main St., Springfield, Mass.

Wagner plant boxes, for palms, borwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Seed packets. The Brown Bag Filling Machine Co., Fitchburg, Mass.

## POTS, PANS, ETC.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 23, Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

## RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

## STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, \$5c; 500 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

# Pecky Cypress

Pecky Cypress is the greatest money saver discovered in years. Will last at least three times as long as any other wood for bench material. We can make immediate shipments at all times from our large stock.

**Ship Lap, Drop Siding, Sheathing, Flooring,  
White Cedar Posts, Etc.**

WRITE FOR PRICES.

**ADAM SCHILLO LUMBER CO.**

Hawthorne and Weed Sts.,  
**CHICAGO.**  
Telephones: Lincoln 410 and 411

Use our patent  
Iron Bench  
Fittings and  
Roof Supports

THE JENNINGS IMPROVED  
**IRON GUTTER.**

**IMPROVED VAPORIZING PANS**

For Tobacco Extracts, etc. Send for Circulars.

**DILLER, CASKEY & KEEN,**

S. W. Corner Sixth and Berk Streets.

PHILADELPHIA.

**VENTILATING  
APPARATUS**

Mention the American Florist when writing

**R. C. Whitsett Coal and Mining Co.** Long Distance Phone 8032  
537 South Dearborn St., - CHICAGO.

We Mine and Ship the Following High Grade Coal:

SUNSHINE

INDIANA BRAZIL BLOCK

POCAHONTAS

**COAL FOR**

WEST VA. SALENT  
YOUNGHOGENY  
SOUTHERN ILLINOIS

Write for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.

**IMMEDIATE OR SUMMER DELIVERIES.**

## Read What the Users Say

BETTER AND CHEAPER THAN ANY OTHER SYSTEM.

Zanesville, O., Feb. 11th, '11.

Gentlemen:

In regard to the Kroeschell Threaded Tube Piping System, I think it is better than standard piping system, not only in being cheaper but thinner, and giving more heat. I found the Generator was a paying proposition and would recommend its use to all using a hot water system. My No. 1 Boiler does the work satisfactorily on over 25,000 square feet of glass.

Very truly yours,  
C. L. HUMPHREY.

TEST AT 14 BELOW ZERO—HEATS WITH EASE.

Omaha Neb., Jan. 4th, '11.

Gentlemen:

It might interest you to know the results obtained from your boiler and threaded tube piping system. We have just had a night of 14 degrees below, with a stiff wind blowing and we carried the house at 52 degrees with the boiler at 170 degrees. The house is piped for 50 degrees and as we are using a cheap grade of slack, the result speaks for itself. We were told by the dealer when we ordered the coal that we could not burn it, so we bought a car of good coal to help along if the slack would not give results, but it was not necessary. Your Generator certainly helps the circulation, and your method of piping for hot water is a surprise to some of the greenhouse men in this vicinity.

Very respectfully,

FERGUSON BROS.

BETTER THAN STEAM.

Pontiac, Ill., March 16, '10.

Gentlemen:—

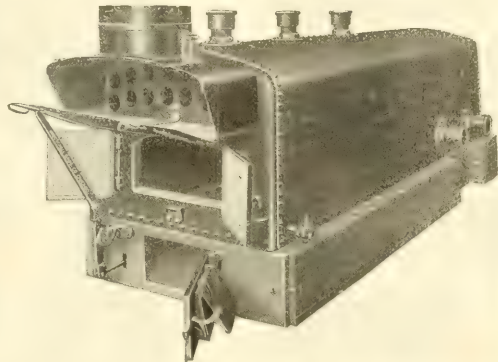
We have no trouble whatever in keeping a temperature of 50 to 55 degrees in our carnation houses, and 60 degrees in our rose houses, in the coldest weather. We fire once in three hours on very cold nights, and at other times once during the night. The boiler has given excellent satisfaction: it is simply wonderful. We had a fire-box boiler previous to this but your improved system has it beat to death in every way. Your system of piping, together with your improved Generator system has steam skinned to death in so many ways. We were on the market to buy high pressure steam, but after receiving such reports of your improved hot water system, we concluded that your experience was worth something, and have been delighted at the results, and so glad we took your advice and put in hot water instead of steam.

Very respectfully,  
W. J. MILLER & SON.

**KROESCHELL BROS. CO.,**

Send for our  
Catalogue.

452 W. Erie St., Chicago



## Boilers OF HIGH GRADE... For GREENHOUSES

See Our Catalogue.

Steam and Hot Water. **GIBLIN & CO.,** Utica, N. Y.

Mention the American Florist when writing

## The Regan Printing House LARGE RUNS OF CATALOGUES OUR SPECIALTY

WRITE FOR FIGURES.

527 Plymouth Place, CHICAGO

Mention the American Florist when writing

## Greenhouse Material and Sash

Of Every Description.

Get Our Prices and Catalogue.

**S. Jacobs & Sons,** Established 1871.

1361-1383 Flushing Ave. Brooklyn, N. Y.

Mention the American Florist when writing

## Steel Return Tubular Boilers

The Most Economical Type of Boiler for Greenhouse Heating. Highly recommended by well-known florists.

**JOHNSTON HEATING CO.,** 131 East 26th St. NEW YORK.

Mention the American Florist when writing



## The Ease of Erection of Our Pipe Frame House

Getting started is always the hard part, but it is simple enough with this construction. Set your Wrought Iron Posts in concrete, and then bolt on the Galvanized Angle Iron Eave Plate. When once you get the plate lined up, the rest comes along easy enough. With the Giant Arch next up, you have a complete scaffolding for the putting up of bars and ridge. The Bars are fastened to the eave plate by the Bar Clamps, making their spacing absolutely accurate, so you will have no trouble about that. The Wrought Iron Ridge Brackets are bolted to the ridge, and each bar screwed to the bracket and that does the trick there.

With the Gable Rafter bolted to the iron posts, which extend to the height of the eaves all around, the gable framing is greatly simplified. Now practically all that remains to be done are the sides and glazing.

So, you see, it is a construction with its strongest structural points so worked out that it is the easiest possible house to erect.

Next to our Sectional Iron Frame Construction, it is certainly the best house to buy and the easiest to build.

Send for circular showing the new Robert Craig range at Norwood, Pa.

**Lord & Burnham Co.,**

New York: St. James Building.  
Boston: Tremont Building.  
Philadelphia: Heed Building.  
Chicago: Rookery Bldg.

Factories: IRVINGTON, N. Y., and DES PLAINES, ILL.



# A. DIETSCH COMPANY

2642 Sheffield Ave.

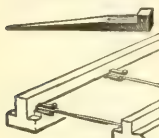
CHICAGO



## Greenhouse Material

### Hot Bed Sash

Do you wish to have a perfect gutter, lasting, not leaking, not sweating? Use our Cedar Gutter.



**Siebert's Zinc Glazing Points.**  
Good for small or large glass, do not rust, easy to drive  $\frac{3}{4}$  and  $\frac{1}{2}$  inch. Per lb. 40c. 5-lbs. \$1.85. 20-lbs. \$7.00

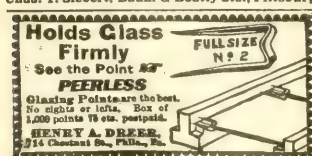
**VAUGHAN'S SEED STORE**  
Chicago New York



**SIEBERT'S ZINC Never Rust GLAZING POINTS**

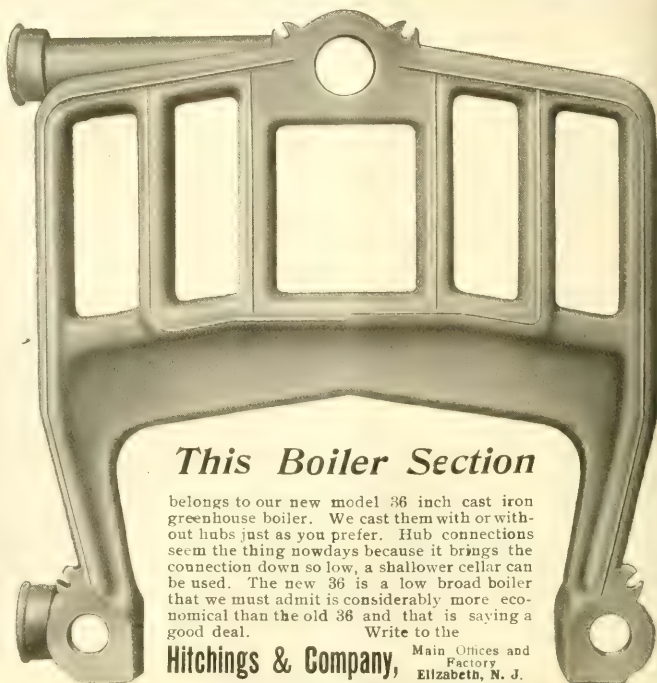
Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40c per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

**RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Bently Sts., Pittsburg.**



### Greenhouse Construction.

By Prof. L. R. Taft. Price \$1.50  
AMERICAN FLORIST CO.  
440 Dearborn St., CHICAGO



### This Boiler Section

belongs to our new model 36 inch cast iron greenhouse boiler. We cast them with or without hubs just as you prefer. Hub connections seem the thing nowadays because it brings the connection down so low, a shallower cellar can be used. The new 36 is a low broad boiler that we must admit is considerably more economical than the old 36 and that is saying a good deal.

Write to the  
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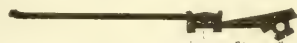
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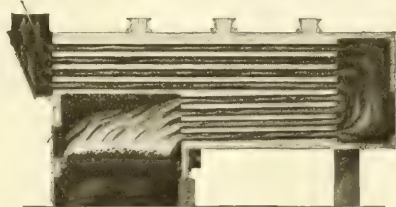
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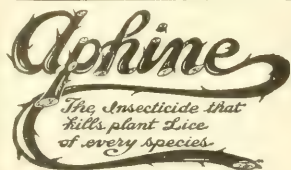
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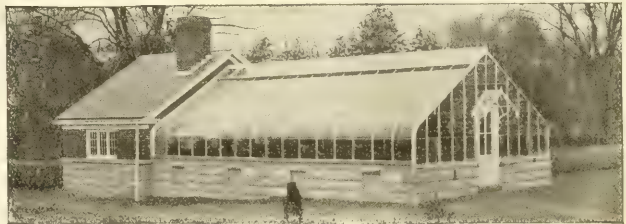


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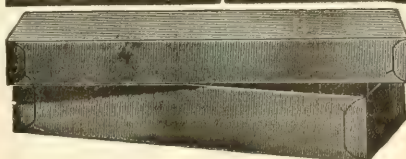
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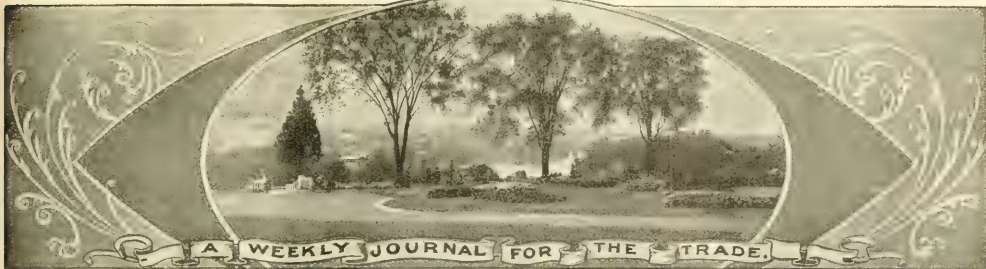


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Vol. XXXVI.

CHICAGO AND NEW YORK, JUNE 24, 1911.

No. 1203

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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## SUGGESTIONS FOR PLANT GROWERS.

### Calceolarias.

A plant that always attracts attention and is as decorative as a cineraria or other plants of that kind, and yet but little grown, is the calceolaria. The culture is very similar to that of the cineraria and is fully as easy. The seeds should be sown at once and shaded until they have produced one or two leaves when the shade should be made lighter. As soon as large enough they should be potted into small pots and shifted along into larger sizes as fast as is required. They should, as soon as well established, be given a light, airy location not shady enough for them to become drawn, but if in the full sunlight will have to be watched closely that they do not get dry. They will require cool quarters during the winter, if nice stocky plants are desired, and under this treatment fine 6-inch pot plants may be had in bloom in early spring that will surely attract attention. For the last potting a good rich soil will be required and when they begin to bloom watering with liquid manure will be beneficial. Like the cineraria they are quickly ruined by aphids and constant fumigation will be necessary. Many growers stand the plants on tobacco stems which are renewed as the strength is lost.

### Freesias.

A crop of freesia, or a few plants in pots in bloom, at Christmas is a valuable asset on that holiday. In order to have them in bloom at that time the bulbs should be planted by July 1. Select the large strong bulbs, and by careful inspection many will be found on which the root eyes are beginning to swell. These will make the earliest blooming plants, and this selecting will produce plants that will all bloom at the same time. The bulbs should be planted in a good soil enriched with well rotted manure with a good proportion of sand, but no fresh manure, it is a well understood principle that bulbs of all kinds do not grow well in soil full of fresh manure. Eight to ten large bulbs in a 6-inch pot will give the best results. The pots should be well watered and placed in a dark, cool place until the shoots appear above

the ground, when they should be given a light location. As soon as the growths get tall enough they should be staked and tied. By continual early selection of the bulbs, and keeping the earliest separate, an early strain can be assured.

### Bougainvilleas.

The plants of bougainvillea that are through blooming should be cut back into shape and potted in preparation for the next season's growth. Much depends upon the summer care of all hard-wooded stock if nice specimens are to be grown. They should be plunged outside in a frame or placed in full sun in a light airy house. Outside culture is far preferable for all this class of stock in order that a good strong growth, well furnished with foliage, may be assured. Be sure that they never get too dry, the great danger of all hard-wooded stock is letting it dry out, for it does not show it as quickly as the softer growing plants but the check is more severe and the plants seldom fully recover from it. The young stock rooted earlier should be placed in a similar location, and kept well pinched back into shape, until enough shoots have been obtained to insure a good shapely plant, when they can be allowed to grow freely, but any extra strong leaders are better cut back during the season. Any chance flowers that show should be picked off at once, that a good strong stocky plant may be obtained and the strength all retained for that purpose.

### Nephrolepis.

Probably no plant that the florist grows gives more return for the labor spent in its culture, or the space that it occupies than the Boston fern and its various sports. The old Boston is still, however, the easiest to handle and grow. The plants should be repotted every year, and with good treatment are sure of making nice plants. Any plants that are in poor condition can be divided and with the young stock planted in a bench of good rich soil. The house should be shaded enough to assure of good color on the foliage but not heavy enough to prevent the house being maintained at a good high temperature. During the day the house



should stand at about 80° with a little ventilation which should be closed down before the sun leaves the houses. The plants can be set six inches apart and the soil should be two parts loam, one part leaf mold, and one part rotted manure. The house should be frequently syringed to keep a moist atmosphere. Under these conditions fine plants can be produced from young stock in three months. In September they should be lifted and placed in 6-inch pots, if single specimens are desired, or three or four plants can be placed in a 9-inch or 10-inch pot if larger plants are wanted. In lifting the plants they can be cut around about two inches from the crown, and lifted with a trowel leaving the runners in the bench, if the place they occupy is not wanted at once. The runners will immediately break into small plants which can be placed in flats for young stock for the next season. The finer varieties of this fern such as Whitman do not submit to the lifting and potting as well as the old Boston and better plants can be obtained by potting along into larger pots as may be required. The only insects that trouble these ferns are the brown scale, and the plants should be kept clean from these either by washing, or spraying with aphine, or a weak nicotine solution.

#### Oleanders.

A plant that does not receive the attention that it should is the oleander. While there probably would not be a large demand for this plant, yet it is an old time favorite and well grown specimens in bloom are a valuable addition to a porch or lawn. They are too often so sadly neglected that they get unshapely and far from being an ornament, but a little attention to trimming them into shape after they get through blooming will keep them in good condition. They can be wintered in any cool quarters, and if brought into the heat and light in early spring will be full of bloom in June and July and a valuable decorative plant. The cuttings root easily and at any time when the plant is in growth, and grow very rapidly for a hard-wooded plant. Any florist carrying a line of assorted stock should include a few of these in the variety which he cultivates. The only insect which troubles them is the mealy bug, but a good frequent hard syringing will soon dislodge them.

#### Poinsettias.

The propagation of poinsettias should be pushed to the utmost at this time, for it is the plants that are rooted early in July that make the best single specimens at Christmas. Those that are rooted later in July and during August will make fine plants for pans, placing four to eight plants in a 6-inch or 8-inch pan, for they will be much shorter than those rooted early in July. The plants that were rooted earlier should now be growing nicely and should be shifted into larger pots as soon as they require it, under no circumstances allow them to become pot-bound until the bracts begin to set in November. They should be placed in the bright sun as soon as strong enough to endure it, that the growth may be short and sturdy and the leaves as close together as is possible. A long, drawn plant grown in the shade, with the leaves far apart, is not the typical plant for the holidays and does not meet with approval.

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Conducted by Robt. Kift, Philadelphia, Pa.

### The Cornflower Wedding.

The butterfly made of cornflowers is very effective, using the two shades of the blue for the different markings of the wings—lining it with the lighter shade of satin and also covering the antennae with this shade. From the antennae suspend a pretty shower of orange blossoms. Place hydrangeas of the blue coloring in groups on either side. For the aisles use bay trees extending between each a loosely arranged garland made of cornflowers made full and thicker in center narrowing towards the end. The garlands should be attached to about the center of the trunks of the bay trees with a sash ribbon of the lighter shade of blue using long streamers to cover the trunk, and place electric lights in the bay trees.

White peonies may be used for the bridesmaids tied with the two shades of the cornflower blue ribbon, the bride's bouquet to be of white lilac and white chiffon. For the flower girls use the hunter's bag of cornflowers. This can be made of a blue silk foundation on which the flowers are arranged, using long streamers to throw over the shoulders with showers of cornflowers attached.

A. E. KLUNDER.

### Preservation of Cut Flowers.

Everybody but those commercially affected will be glad to learn of methods by which not only is the life of flowers in water prolonged, but, in addition buds are induced to open with greater freedom, and in some cases the colors deepened and improved. The "Revue Horticole" has published the results of

experiments with a great variety of flowers, and declares that such excellent results may be obtained from simply adding sugar or salt to the water that we advise our readers to put the matter to a test themselves. The saying has it "What's one man's meat is another man's poison," and this apparently applies to flowers with much greater force. Sweet peas are said to last best in pure water; carnations to last longest in a 10 to 15 per cent sugar solution; roses in a 7½ to 10 per cent solution; and chrysanthemums in a 15 per cent solution; whereas lilies, lilac and pelargoniums do better in pure water than in sugar solutions, but respond to an addition of five per cent of common salt (one pound to two gallons of water). Experiments with other substances, such as nitrates and chlorides of soda and potash resulted in failure, and in some cases hastened the decay of the flowers, with the solitary exception that phosphate of potash was found to prolong the life of orchids; but the results were no better than those obtained from a 10 to 20 per cent sugar solution. Very possibly florists and some others have long been familiar with these facts but if so, and of the nature of a trade secret, it has been very well kept.

CAMDEN, N. J.—Arthur Crouch, who has conducted a florist business on Woodlawn avenue for several years, has discontinued the business and is selling out his stock.

MINNEAPOLIS, MINN.—The demand for window boxes filled with plants is so large that the florists have their hands full to meet it. This display of plants, being made for the civic celebration, is taking on an appearance of extraordinary beauty and it is believed it will be a decoration which will attract universal attention.



WREATH OF IVY LEAVES AND LILY OF THE VALLEY.

## THE CARNATION.

### Preparations for Planting.

The plants in the field will need steady attention right along, they are now well established in the ground and growing rapidly, therefore the work of keeping the shoots pinched back should be followed up closely to encourage the plants to branch out liberally. The growth of the plant at this time is so fast that it becomes necessary to go over them every week to keep the shoots from running up to bud. Cultivating the land and keeping it free of weeds is also another big job, but a little extra push in this connection will soon result in the weeds being under control, after which it will be a great deal easier to keep the field clean the balance of the season. The hand cultivator ought to be continually in use going over the field every few days to loosen up the surface and keep the soil open, taking care not to cultivate close enough to the plants to damage their roots or branches. This is the time for heavy thunder showers and should there be any low places in the field where the water will settle in pools, it is a wise plan to make small furrows to drain the water off, as there is nothing more detrimental to carnation plants than for them to be under water or on sodden ground, they quickly take on a yellow caste and become diseased.

It is a few weeks yet before the planting generally will be under way, but in the meantime there are several little items that can be attended to, the soil pile should not be overlooked and if the weeds are pushing up there pull them out, they are sapping a quantity of the nourishment from the soil as well as taking the moisture from it, cutting them off with a scythe does not do very much good, they should be pulled out by the roots and cleaned off the pile entirely. After the work in the field has been got well in hand there is plenty to do in the houses in preparation for the plants, any old plants not in use that have been left remaining there should be cleaned out, they are only acting as a breeding place for thrip and red spider. Then clear out the old soil and thoroughly clean the benches, washing out any of the old dirt that is lodging in the cracks, every particle of rubbish should be removed from under the benches, and then take the hose and give a thorough washing down inside the benches and the sides and ends of the houses. After these have had a good scouring the repairs should receive attention; do not try to run any benches another season unless thoroughly satisfied that they are strong enough to carry. The work of having to patch and repair benches after the soil and plants are in them is a difficult job. In cases of a shortage in stock to cover the intended plantings through an increase of glass or any other cause, now is the time to make arrangements for enough plants to come in from elsewhere, they can be ordered shipped when needed, but it more than pays to look up the best. Make arrangements for their proper care and the stopping back of the shoots until such time as it is desired to have them shipped.

C. W. JOHNSON.

EAST ROCHESTER, N. H.—E. A. Corson has a new delivery wagon to meet the demands for the spring trade.



*The  
Keynote  
of a  
Pretty Wedding*

**Penn's  
Bridal  
Bouquet**

A dainty design of lilies of the valley and ribbons arranged by a Penn artist—the whole presenting the effect of a shower of flowers.

A Prize Winner wherever shown.

This perfect wedding \$8 up bouquet to your order at

Specially packed for expressing without extra charge

**Penn's** *The Florist*  
143 BROMFIELD STREET  
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### A GOOD ADVERTISEMENT.

Reduced From The Boston Post, Original Size 6 1/4 x 10 1/2 inches

### Violets and Carnations.

FROM A WOMAN'S POINT OF VIEW.

Paper prepared by Mrs. S. I. Smith, Scranton, Pa., and read before the Florists' Club of Philadelphia June 6th.

It is often said, that one is not in business for their health, I believe the pursuit of horticulture is a vocation apt to render that blessing, and therefore has lured to its fold many who have ventured without any prior experience, and through determination, and prompted by a keen love for plants and flowers, have made partial if not complete success. The trade journals have done much in bringing to us some knowledge of our fellow florists in our own land, and as much so, those of Europe—often telling us how success is achieved by those who specialize,

how and what their beginnings have been. The mutual benefit of this open and free discussion has helped the commercial side of horticulture more than it is possible to tell. The broad standard of the profession to-day, has stepped far ahead in the past decade, it has placed the grower and dealer before the public as important factors in the commercial world, created a demand for a higher grade of product, a more critical selection of what to grow, and a keener conception of what will satisfy the consumer. I am frank to say, that these are some of the salient points that I have learned since giving my entire attention to the business of a grower. I owe much to the trade papers for having kept me informed on many points, telling me how



things are being done successfully by others who are struggling as I am. The information that I have gained, has also been shared by a host of others throughout our land, both men and women, who have entered the profession as enthusiasts with little or no practical knowledge.

I was seeking health, I found it, should I not in turn be free to accord my strongest sentiments in favor of the florist business as a health giving vocation. I read with great interest the many notes concerning the women florists, who perhaps not all have entered the ranks as I have, but some are forced to continue the business left by a deceased husband, and also with a family depending upon the efforts of the mother, who believes that her experience gained while working in hand and shoulder with the bread winner, has fitted her to continue, with equal good returns for her efforts. I believe that women have a natural love for flowers, a more intense desire for everything that grows, a mother's instinct for nursing the tender growing child, is also shown in her close attention to the growing plant, and when this care results in profit, and a close study, shows what response the plants will give, then, I believe that she is fitted to conduct a business successfully, and if she possesses some executive ability, there is no reason why she should not be a profit sharer in the profession. The foregoing introduction is my idea of the qualification necessary to conduct a florist business by either man or woman.

I say with pardonable pride; that I started out as a specialist, and while this is the modern idea, I believe it is the best; it is better to do one thing well, than to dabble in many things; so I resorted to violets and carnations, a few other things have crept into my care and keeping, which I will touch on in a commercial way. To bring about the results, which necessity demanded, it was important to decide upon a few things needful for success, good soil, heating under proper control, cultivation and close attention. This could be done better by studying the habits of a few things, than by launching heavily into a labyrinth of variety. My first beginning was very modest—having a special fondness for violets, I thought best to begin in a small way, it was small, and yet enough to know whether my extreme fondness for a vocation on which my mind was set, would tire from the close care and attention which commercial growing required. I started in Atlantic City, N. J., with three sashes of violets, this very small beginning proved that violets had become a commodity, and only needed producers, and having learned enough to convince me that I dare venture deeper. The following year my possessions in equipment had grown to six sashes, so you will perceive that I had decided conclusively it was better to creep first, but my creeping was of a long duration, yet I believe that violets have peculiarities which requires several seasons to learn, and to overcome the troubles they yield to so easily. My ambition and anxiety to launch heavily into the business was encouraged by my success in this very small beginning, while slow yet entirely satisfactory. My next venture was transferred from Atlantic City to Secane, Delaware County, Pennsylvania, purchasing five acres of

ground, and erecting two houses 10x75 each. It is evident that my confidence had become fixed. This area of glass would produce violets which must find market, so a small shed was built over the boiler pit, this shed was the workshop for preparing the stock for market, bunching violets etc.—and was also the place where every conceivable plan of better and larger equipment was running through my mind, hoping that I could devote all of my time to commercial horticulture, as I had then decided that my intense love for flowers and their cultivation would never abate through even excessive labor demanded by increased facilities. It was necessary to provide for a domicile. I at once set to work making plans for a dwelling which was built during the summer and ready for occupancy in the fall.

My first year with all these responsibilities was up-hill work. I started with three varieties of violets viz: Luxonne, California and Lady Hume Campbell, double. I found the singles to do much better than the doubles, except in spring. This, however, did not discourage me. I was preparing for better and greater things, and when the following fall arrived, I had fine field grown plants with which to fill my houses, and was seized with that dominating desire which seems to have claim on every florist, of wanting more glass, so I purchased some sash and also some Princess of Wales violets, more to give them a test, although I knew it was a good standard variety. These sash gave me quite an extra area besides the houses, from which I reaped a good crop until Christmas, and then again in the spring. My houses were heated with hot water, and while my boiler seemed small I felt that a little coaxing might induce it to perform greater work, so I procured more sash, which with the help of the sash I had, would build a sash house—then I decided on one variety of violets, Princess of Wales which I still grow, and discarded all others. My boiler experience is what might happen to any florist who is straining all parts of the business to do its best, but I have since learned that it is false economy to tax one boiler for all work—another important item learned by experience, but as I could not boast

of a modern up-to-date establishment, had to resort to old-time methods.

The demand for my violets was greater than the supply; this was gratifying not only from its remunerative point, but I felt assured that I had used my knowledge gained by my very small beginning, being only an amateur, this gave me courage. The next year I enlarged my violet houses, secured a new boiler and dug a larger cellar, with a large new shed, and constructed a new house 25x125 in which to grow violets. I was told by experts that the house was not practical, "the glass was too far from the plants," and many other suggestions unsolicited were given, but my violets were the best, and all theories were exploded, as the violets seemed to like their new quarters. I also grew asters in this house, which were the finest in the market.

My stock was responding to the care which my knowledge prompted, I had already secured a good source as a market for my product, and like many, felt that my flowers were not good enough to be called first class or number one, but hoped that time and experience would create a demand for my special stock. My aim was high, and so should it be with every one. I felt proud to think that my flowers would be exhibited in the leading shop windows, and was anxious that those which my care and coddling produced, should be in demand by critical customers. This and many other conditions has been the means of encouragement. I then turned my attention to carnations, and purchased enough plants to fill my sash house 12x40. I may have been particularly careful and not enough sufficiently daring in my ventures, but I was sure that I could study few, better than many, so I began with Mrs. Joost and Queen Louise, and propagated enough from these plants to fill the large house by the following fall—my method of propagating was perhaps different from the usual system, a sand bed was prepared in one corner of my violet house—the carnations took nearly all winter to root, as the temperature was often 40° at nights. When they were rooted, they were put in flats, in soil without any fertilizer, my reason for doing this, is that the young ten-



PEONY FESTIVA MAXIMA AT GILBERT H. WILD'S, SARCOXIE, MO.



VINES AND SHRUBBERY AROUND A PORCH AT NEWTON, MASS.

Clematis paniculata, Aristolochia siphon and Spiraea van Houttei.

der plant will not become affected by any disease. They were planted direct from the flats into the open field which had been coated heavily with rotten stable manure and plowed under and kept cultivated through the season. The plants were in fine condition to be put into the house in September into solid beds. After they were established they were fed with ground bone. Ventilation was freely given during the day. My crop was good and continued to produce throughout the season. I then put up another house of even span 35x100 and planted it with violets the first year, but in which I now grow carnations and sweet peas together with another house alongside which I have recently built. I have added a propagating house, which is arranged to be converted into a growing house when wanted. The varieties of carnations now grown are Enchantress, White Enchantress and White Perfection, Beacon, Winsor, Mrs. C. W. Ward and Alma Ward. After venturing largely into construction from my point of view, there were many little drawbacks which I did not experience with my first venture with three and six sash and even the first house, and with the larger boiler pits, I experienced the trouble of water gathering around the boiler, and a possibility of having fires extinguished during cold weather. I have since seen construction which would never be affected that way. So with all these possible hindrances I gained experience and knowledge.

My reason for adhering mostly to violets and carnations is probably like the mother who wanted her boy to be either a butcher or a baker—for, she said, everybody eats bread and meat, hence the need of the producer. I

thought carnations and violets were so essential among flowers, that I would make no mistake, and should I wish to visit growers for the purpose of learning, I would not need go far away. I have never been backward in asking questions from others who know much more than I do—much of the information regarding fertilizers and other necessities has been gained in this way—and while there are many adverse conditions, which in spite of close attention and hard work often causes losses, yet with it all, I love my plants, the open air life, I love the work and everything connected with it, for when I began about nine years ago, I was in very poor health, and now I am well and strong.

#### The Planting of Porches.

A branch of the business that is too much overlooked is the adornment of porches, especially those with a sunny exposure. Some very beautiful effects can be brought out by the proper planting and care. The porches where the sun beats down during the middle of the day or in the afternoon need vines that will give a shade, and there are many of these that rapidly cover the porch and when in bloom add greatly to the decoration of the residence.

It is not necessary to be confined to one species of plant for these locations, for with a good-sized porch plants that will bloom in spring and fall can be planted at proper distances and thereby make this an interesting feature. The wistaria has always been popular and when it is full of its lovely hanging blue blossoms in early spring is always a great attraction and a beautiful sight. The Clematis paniculata is an equally decorative plant in the fall when it is covered with its sprays of

white flowers; the other clematis are fine for this purpose, although they do not make as heavy a shade; the Jackmani, with its large purple flowers in mid-summer, makes a very beautiful plant for this purpose. Roses are, of course, well known as among the best plants for this purpose and with different varieties of the climbing roses fine effects may be produced.

Where heavier shade is desired, Aristolochia siphon is one of the finest and in two or three years from planting will cover a large area, which with its heavy foliage and hanging flowers is sure to attract attention. Another plant that is much used, and does equally as well on porches on the north side, is the Ampelopsis quinquefolia, or Virginia creeper, which is also a very rapid grower after once getting established. While the flower of this plant does not amount to much, yet the foliage in the fall takes on beautiful colors and the large clusters of purple fruits are an added feature. The proper planting of the lower part of the porch demands attention and most of the low flowering shrubs are particularly adapted for this purpose, especially the deutzias or spiraeas. The porch which we illustrate is at Newton, Mass., and it is always an attractive sight throughout the year. It is planted with Aristolochia siphon at the rear and Clematis paniculata in front and in the ground at the base are Spiraea van Houttei, which are kept trimmed in shape.

There is one thing that should be always borne in mind in planting a porch with these hardy plants, and that is that they should be trained upon trellises that can be easily removed, and the plants not trained to the porch itself, for the porch must be painted and it is almost impossible to take the



plants down and replace them in good condition, but if attached to a trellis this can be laid over while the painting is being done and replaced when the paint is dry.

#### Notes of Aquatics.

Next in importance to the proper planting of aquatics is the care of the plants during their season, for, like most plants, they have their natural enemies, in the way of insect pests and some diseases that may be troublesome. Numerous incidents may occur where aquatics die from apparently natural causes, but this is a most unsatisfactory reason to the owner of the plants. The best and safest method to pursue is to become thoroughly familiar with one's plants, and note their likes and dislikes. Knowledge as to the conditions conducive to the best results comes with experience. Few plants suffer from being overfed or the soil being too rich, yet this does happen occasionally. Many suffer from starvation and over-crowding because of a desire to possess all the good things in limited quarters.

Where no artificial means exists for heating the pond it is not safe to venture planting *Victoria regia* before the end of June. It is yet in good season for planting *nelumbiums*, especially plants that are grown in pots or seed pans.

In natural ponds with muddy bottoms a leaf miner is occasionally troublesome. It cuts channels through the leaves and not only disfigures them but renders them useless to the plants. If this pest is not combated the plants will receive a serious check and suffer considerably. A weak solution of kerosene applied with a hand syringe or spray pump will quickly remedy this evil.

In sections where the lotus moth is troublesome keep guard and watch the first floating leaves. The larvæ can be readily detected on the margins of the leaves, where the edge is turned over and held in place by a fine, silky cobweb. Here is a shelter for the worm and it stretches full length from its hiding place, devouring all in front of it, retreating at the least alarm. The most effective remedy is hellebore applied with a bellows. The applications may have to be repeated frequently, as it is difficult to keep anything on the leaves, and the slightest shower will wash off the powder.

It is yet in good season to plant *Victoria Trickeri*. Plants set out at the end of June or early in July make most satisfactory growths and will produce flowers by the end of August or early September. Much difficulty is still experienced in the cultivation of this grand aquatic plant. It must not be treated like the *Victoria regia*. The seed will not germinate in the high temperature necessary for *V. regia*. The best temperature for seedlings is 65° to 70°, and after that 75°. The greatest hindrance to the proper cultivation of this plant has been the mistaken notion that it is a variety of *V. regia* and requires similar treatment. The *Victoria regia*, the Amazon lily, is a native of the tropics, while *Victoria Trickeri* grows wild in the quiet bays of the Parana and its tributaries in Argentina, and is also found in Uruguay.

WM. TRICKER.

BOSTON, MASS.—W. R. Finlay has opened a flower store at 175 Federal street near the South Terminal station.

#### A New Ventilating Arm.

A new device in the form of an arm to be used in connection with ventilating apparatus has been invented and is being placed upon the market by The Advance Co., of Richmond, Ind., manufacturers of greenhouse ventilating apparatus and fittings. The accompanying illustrations with the descriptions, clearly show the advantages of this arm as compared with other ventilating systems. The illustrations



Fig. 1.

were made from an arm giving the same throw as an eight inch elbow arm, the cross rods being eight inches long and the sash rod 21 inches long.

Figure 1 shows the arm in a right angle position, which with the elbow arm, is the position which twists the shafting pipe the most. In this new arm, by reducing the distance from the center of the shafting pipe to the center of the rods, without reducing



Fig. 2.

the throw, the twist which the arm exerts on the shaft when at right angles to it, is entirely eliminated.

Figure 2 shows the arm in a closed position. The distance from the shafting pipe, when in this position, to the center of the rod rivet is eight inches or the same as in the elbow arm, but the advantages of the arm when in



Fig. 3.

this position is that it is more rigid and very easy to start.

Figure 3 shows the arm in an open position. The arm, when in this position, has the same distance from the center of the shafting pipe to the center of the rod rivet as it has when it is closed, that is eight inches. The arm is very rigid when in this position and it requires no strain on the machines or other parts of the apparatus to hold it in an open position.



Fig. 4.

Figure 4 shows the construction of the arm. The part of the arm that clamps to the shafting pipe is made of two duplicate castings riveted together by a center rivet, and one bolt is all that is required to hold securely to the shafting pipe, for the rivet that holds the two clamp parts together also forms a hinge in the proper place on the opposite side of the pipe from the bolt. This feature makes the arm very easy to set up. After attaching the two clamp parts together an eight inch rod is fastened to each one of them near the outer edge, these rods are then crossed and fastened to the rod bracket, which carries the rod which is afterward fastened to the sash. The rod bracket is so constructed that it carries the sash rod between the two shorter rods that form the cross. The sash rod being carried on the inner side of the bracket is more rigid and has no tendency towards side action. Every allowance has been made, and every detail worked out, even to providing for rust corrosion, which will make the arm free in action after years of service.

This new style arm will give the same throw as the standard elbow arm, and when at right angles the rod will stand only seven and a half inches away from the shafting pipe. This arm has been named the "twistless" which is very appropriate. A test of this arm was made at the factory by placing a 50-pound weight on the end of the arm where it would be fastened to the sash. The pull on the chain over a 12-inch sprocket wheel which was found to be 42 pounds, while with an elbow arm the pull was 72 pounds, thus showing an advantage of 41 2/3 per cent for the new arm. The company claim they are fully protected by patents on this arm for they have a patent on the construction of the clamp parts that fasten around the shafting pipe and have a patent pending on the rod bracket which holds the two eight inch cross rods and carries the sash rod. Over 6,000 of these arms are in use at the present time and every one has given perfectly satisfactory results.

#### Propagating *Vinca Major*.

ED. AMERICAN FLORIST:

When and how should *Vinca major variegata* be propagated? How should the rooted cuttings be handled?

J. W. K.

*Vinca major variegata* can be propagated either in the fall or during the winter. The fall cuttings are made in September, cutting the long vines into pieces, being careful that each piece has two eyes. They will root slowly but surely, ordinarily taking about four weeks, when they should be potted in 2½-inch pots. About the middle of February they should be shifted to 3-inch or 4-inch pots and some very good stock will be had by May and June. When the plants are started in February the cuttings made in the same manner can be very easily rooted in a propagating bench and potted in small pots. These as well as the smaller plants of the fall truck stock should be planted in the field in May. By September they will make good-sized plants and should be potted in 5-inch or 6-inch pots and wintered in a cool house. About the first of March they should be given warmer quarters, where they will grow into large plants for decorative purposes.

W.

### Edwin Lonsdale at Home.

We are able this week to present to the many friends of Edwin Lonsdale an illustration of his home on the Burpee seed farms at Floradale, Lompoc, Calif. It was taken on Mothers' day, Sunday, May 14, and he is at ease in his hammock on the rose covered porch, where he can sit and look upon the beauties of nature in the garden in front of the house, which he so much admires.

Co. of Buffalo, N. Y., who are extensive manufacturers of this and other lines of special machinery.

### The Postal Express.

The sub-committee on post office and post roads met June 14 and took up for consideration the Lewis bill, which provides for condemning and purchasing the express companies and adding them to the postal system, and establishing a complete system for the quick trans-

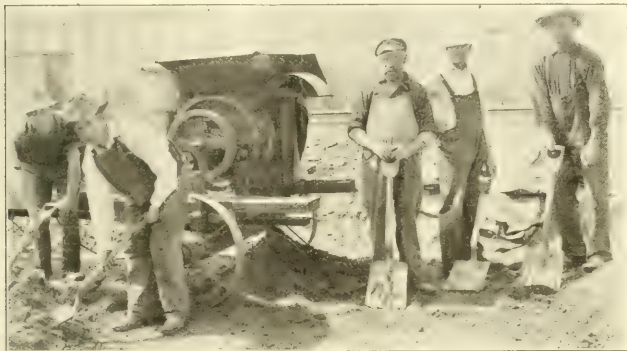
eat, at living prices. Second, the contracts of the express companies with the railways give them an average transportation rate of three quarters of a cent a pound; and with this rate the express charges by post would be reduced from two-thirds to one-half on parcels ranging from 5 pounds to 50 pounds, and about 28 per cent on heavier weights, as a consequence of the co-ordination of the express company plants with the postoffice and rural delivery, and the elimination of the express company profits, which are averaging over 50 per cent on the investment.

"The express companies are positive hindrances and obstacles to the business of the country. The average charge for carrying a ton of express in Argentina is \$6.51, and for the countries of Europe \$4.12, while the average express company charge in the United States is \$31.20. They charge five times as much to carry a ton of express as a ton of freight in other countries. Here the express companies charge 16 times as much. Of course, these charges simply prohibit by half or more of the traffic in the United States. Our average is less than one hundred pounds per capita, while that of the other countries is over two hundred pounds per capita, although we have far greater demand for quick transport on account of our longer distances and more extensive business.

"We cannot have an efficient parcels post. The government cannot conduct it on mail railway transportation rates, at over four cents a pound, in competition with the express companies' paying but three-fourths of a cent a pound, excluding the weight of equipment in both cases; which enables the express corporations to pay over fifty per cent in profits to themselves, although rendering no service whatever to the farmers and to points off the railways."

Mr. Lewis has worked out a system of "zones" based on scientific methods, from which a five pound package, for instance, can be sent 196 miles for 11 cents, while the express companies now charge 25 cents and more for like distances; from Calais, Maine, to San Francisco, Calif., will cost 30 cents for five pounds, and \$2.42 for 50 pounds, as against the express company charges of 85 cents and \$7.50.

With the rural free delivery a part of the express system, an agricultural parcels post will market the farmers'



THE KLEINSCHMIDT SOIL GRINDER.

### The Kleinschmidt Soil Grinder.

All greenhouse owners recognize the desirability of getting the soil thoroughly well ground and perfectly incorporated with fertilizer. In a great measure this is a thing not thoroughly done by the crude means generally employed. The machine here illustrated was designed by Frank Kleinschmidt in 1901 for general grinding purposes, such as stable manure, etc. During the past year this grinder has been tried out on various kinds of soil grinding, and a special mill designed particularly for high class gardening and greenhouse work, with a view to producing a mill that will not only grind much more rapidly than any known mill, but at the same time most thoroughly incorporate all parts of the soil and fertilizer and grinds to any desired fineness.

These mills are carefully made. All working parts of the machine are made extremely heavy and substantial. The material used in the working parts being of either crucible cast steel or steel forgings.

One of these mills has for some time past been in service at W. J. Palmer & Son's, at their extensive greenhouse plant at Lancaster, N. Y., and B. S. Myers, manager of the establishment, says as follows: "The Kleinschmidt grinder No. 4 is a great time saver in the mixing and grinding of soil for our greenhouses. We formerly ground soil with the Kasting hand grinder, two men doing about six yards a day. With your grinder, run by a motor, we now grind fifty to fifty-five yards a day with five men. By putting conveyors to carry the soil in, and away, so as to be able to put more men feeding it, we would be able to double the amount, as the machine now runs empty half of the time, thus making the grinding of soil a very small expense." This grinder is manufactured by F. Kleinschmidt &

port of packages and the estate products of the farm and truck garden, etc. At their last conference in Washington the representatives of the business men of the country and of the farmers' granges asked congress to establish such a system, and representatives of these interests were present at the hearing before the committee today.

"There are two main reasons why the express companies must be added to the postal system," said Mr. Lewis in his argument. "First, the express company service does not reach beyond the railways to the country or the farmers, which the post office does, through the rural free delivery, which is waiting with empty wagons to receive the express packages and take them to the country stores and the farmers, and carry back to the towns and the cities the produce of the farms and truck gardens for the people to



EDWIN LONSDALE ON MOTHERS' DAY AT FLORADALE, LOMPOC, CALIF.



produce and save them the time and labor of marketing their truck. Rates even lower than those quoted are promised, by having the rural and city carriers assemble the small consignments of the individual shippers and utilize the fast freight service on trunk lines, with passenger trains on the branch roads to hurry the stuff to destination, at the regular fast freight rates. The postoffice will recoup itself by securing carload rates for the assembled shipments, while the small shippers get their advantage over present conditions by having their collect-and-delivery system for practically nothing.

This system is now in vogue in Germany, and shippers, Mr. Lewis shows, pay only double freight rates, less than a tenth of the express rates here. The food problem, the "high cost of living," according to Mr. Lewis' figures, is largely the result of the want of a proper articulation of our transportation with the rural sources of supply. While prices are often prohibitive to the consumer, crops may be rotting at the place of production, for want of a real express service."

[Readers who favor this movement should write their congressmen at Washington, urging its adoption.—Ed.]

#### The Kroeschell Medal.

The Kroeschell medal, which we illustrate, was offered as a special premium by Kroeschell Bros. Co. of Chicago at the exhibition of the American Carnation Society, held in conjunction with the Second National Flower Show of the Society of American Florists at Boston, March 28, 1911, for the twelve largest carnation blooms, and was awarded to Charles S. Strout, Biddeford, Me. The medal is beyond a doubt one of the most beautiful in design ever offered as such a premium, and was the work of the Schrader-Wittstein Co., Columbus Memorial building, Chicago. The general design is along the lines of an ancient coin, and in order that the recipient may be able to enjoy it to the fullest extent, it is made to be worn as a watch charm or fob. The charm proper is made of solid polished gold, the lettering on the outer edge being in rich green enamel. The carnation in the center is carved out of a piece of light yellow gold, brought out in high relief; this with the calyx of olivines, is a perfect carnation in miniature. The carnation rests upon a background of antique rose-colored gold, and these contrasting colors bring out the whole design in a very effective manner. The reverse side of the charm is finished in Roman colored satin-finished gold, and the inscription shows out in bright color.

NEW BEDFORD, MASS.—J. K. M. L. Farquhar of Boston delivered a lecture on "Growing of Roses" before the Horticultural Society June 5.

PENNOX, PA.—The West Laurel Hill Cemetery are preparing to erect four greenhouses 28x150 feet, an addition to a range of six houses of the same dimensions.

HUNTINGTON, L. L. N. Y.—The annual rose and strawberry exhibition of the Huntington Horticultural and Agricultural Society was held in the Trade School building June 15.

WISSINOMING, PA.—Fred A. Dittrich is making extensive improvements to his greenhouse plant this season. The stocks and myosotis which were grown last season were of fine quality.

## AMERICAN SEED TRADE ASSOCIATION

### THE MARBLEHEAD CONVENTION.

#### The Opening Meeting.

The twenty-ninth annual convention of the American Seed Trade Association convened at the Rockmere Hotel, Marblehead, Mass., Tuesday morning, June 20, and was called to order by President Page. Edgar Gregory made an address describing local points of interest and historical associations. President Page delivered a dignified and forceful address evidencing appreciation of and a conscientious attention to the duties of his office, a broad comprehension of the purposes and work of the association and an active enthusiasm in its accomplishment. He urged a maintenance of the present high standard of efficiency and personnel of membership, recommended the reappointment of state correspondents and the soliciting of all eligible and desirable concerns for membership, commended the work of the National Council of Horticulture and recommended its continued support, and the manner of use of disclaimer was commented on. Federal seed legislation along proper lines was indorsed. He referred to the deceased members and thanked the various committees and officers. Secretary-treasurer Kendel reported a total membership of 164, the receipts for the year were \$2,526.16, and the disbursements, \$2,453.20. The recommendations in the president's report were referred to the following committee: Leonard S. Vaughan, Watson S. Woodruff, D. C. McCullough. It was voted that the annual dues remain as at present. An obituary committee was appointed consisting of Chas. N. Page, Henry W. Wood and W. H. Barrett, and S. F. Willard, J. C. Robinson and J. S. McCullough as an auditing committee. At the afternoon session papers were read by H. J. Wheeler, Ph. D., Director of the Agricultural Experiment Station of the Rhode Island State College on "The Relation of Soils and Fertilizers to Seed and Crop Failure;" W. D. Ross of Worcester, Mass., on "Departments of the Seed Business;"

and Prof. R. A. Moore of the Wisconsin Agricultural Station, Madison, Wis., on "Improvements in Grains."

The following members were elected: E. A. Buck & Co., Worcester, Mass., German Seed and Plant Co., Los Angeles, Calif., F. H. Woodruff & Sons, Milford, Conn.; H. T. McCullough, Santa Inez, Calif.; L. B. Schulte, Houston, Texas; W. F. Cobb, Franklin, Mass.; E. Curtis Smith, F. H. Ebeling, G. H. Clark, Canadian Department of Agriculture. Prof. Woods in discussing the methods of opposing detrimental seed legislation thought it was best not to combat but for all interests to unite and assist in the enactment of fair legislation. Canadian reciprocity was discussed by G. H. Clark, C. H. Keeney and S. F. Leonard, and a hopeful view of the probable results predicted. The country was large enough to take care of everything that would result. The extent to which buyers will demand germination as well as purity tests in field seed was discussed. Prof. Woods took radical ground, declaring that germination tests will come sooner or later and the seed trade must get ready for them. F. M. Bolgiano of Washington advocated the establishment of a central bureau by the seed trade for carrying out tests of purity, but believed that vitality tests were impracticable, in which Mr. Ebeling agreed.

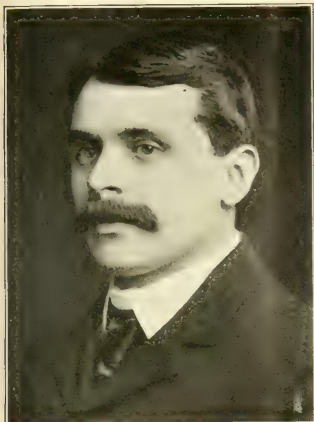
#### The Visitors.

Among the early arrivals were noted the following:

Linnaeus Allen, Floral Park, N. Y.  
H. C. Anthony, Portsmouth, R. I.  
W. W. Barnard, Chicago.  
O. J. Barnes, Malone, N. Y.  
W. H. Barrett, Adrian, Mich.  
F. W. Bolgiano, Washington, D. C.  
C. S. Briggs, Rochester, N. Y.  
Arthur B. Clark, Jr., Milford, Conn.  
Geo. H. Clark, Ottawa, Ont., Can.  
C. Herbert Coy, Valley, Neb.  
E. F. Crossland, Toronto, Ont., Can.  
Edw. F. Dibble, Honeoye Falls, N. Y.  
Albert Dickinson, Chicago.  
F. H. Ebeling, Syracuse, N. Y.



THE KROESCHELL MEDAL.



C. E. Kendel, Cleveland, O.  
Secretary-Treasurer American Seed Trade Association.



E. L. Page, Greene, N. Y.  
President American Seed Trade Association.



Marshall H. Duryea, New York.  
Second Vice-President American Seed Trade Association.

F. W. Eberle, Albany, N. Y.  
Geo. B. Edgerton, Buffalo, N. Y.  
H. E. Fiske, Boston, Mass.  
J. H. Ford, Ravenna, O.  
M. S. Griffith, Baltimore, Md.  
H. L. Holmes, Harrisburg, Pa.  
Frank Howard, Pittsfield, Mass.  
H. W. Johnson, Philadelphia, Pa.  
M. P. Johnson, Boston, Mass.  
C. N. Keeney, LeRoy, N. Y.  
C. E. Kendel, Cleveland, O.  
Burnet Landreth, Bristol, Pa.  
S. P. Landreth, Bristol, Pa.  
W. C. Langbridge, Cambridge, N. Y.  
S. F. Leonard, Chicago.  
Albert McCullough, Cincinnati, O.  
J. Chas. McCullough, Cincinnati, O.  
C. C. Massie, Minneapolis, Minn.  
L. L. Olds, Madison, Wis.  
Chas. N. Page, Des Moines, Ia.  
E. L. Page, Greene, N. Y.  
W. T. Phillips, Toledo, O.  
Hy Rice, Omaha, Neb.  
Jerome B. Rice, Cambridge, N. Y.  
J. C. Robinson, Waterloo, Neb.  
W. D. Ross, Worcester, Mass.  
H. A. Sculthorpe, Port Hope, Ont., Can.  
E. J. Sheap, Jackson, Mich.  
Herman Simmers, Toronto, Ont., Can.  
Curtis Nye Smith, Boston, Mass.  
W. D. Steele, Toronto, Ont., Can.  
W. E. Stone, Toledo, O.  
Dr. W. W. Tracy, Washington, D. C.  
Leonard H. Vaughan, Chicago.  
H. J. Wheeler, Kingston, R. I.  
Kirby B. White, Detroit, Mich.  
S. F. Willard, Wethersfield, Conn.  
C. F. Wood, Louisville, Ky.  
H. W. Wood, Richmond, Va.  
Watson S. Woodruff, Orange, Conn.  
C. D. Woods, Orono, Me.

#### Hail At Baltimore.

On Monday evening, June 12, at half past six o'clock, a terrific hail storm passed over part of Baltimore, coming from the southwest; it passed over Arlington, Lutherville, Towson, Govanstown, Pikesville, and along the Reisterstown road. The storm was accompanied by a heavy wind that uprooted trees and ruined shrubbery. The hail stones in some cases measured seven inches in circumference and fell in such quantities that at some places they covered the ground to the depth of two inches. Propelled by the high wind they ruined everything in the path of the storm, breaking glass and cutting the crops, some greenhouses not having



Leonard H. Vaughan, Chicago.  
First-Vice President American Seed Trade Association.

a whole pane left. It is estimated that the loss will reach \$100,000. The florists are the heaviest losers and only two carry insurance. Relief has been already offered by brother florists, who have come forward in the same spirit which they did a few years ago when a similar calamity occurred. President Graham visited the afflicted growers and in one went right to work assisting the owner and next day sent two men to help clear up the wreck.

The growers of Govanstown were the heaviest losers; Isaac H. Moss had 60,000 square feet of glass which was nearly all destroyed, two new houses being glazed with 9,000 lights of 16x24 double thick glass. The stock was nearly all ruined and the nursery stock badly damaged, the loss being \$10,000. M. Thau & Co. had nearly all the glass in their 25,000 square feet broken, the loss being estimated at \$7,000. F. C. Bauer's entire range of eight houses was destroyed and the stock badly cut up.

Stevenson Bros.' large range was greatly damaged. A. Anderson lost 80 per cent of his glass and the stock was considerably injured. M. Madison's three rose houses were damaged and the plants badly cut. Tischinger's three houses were broken badly. J. E. Bartell's houses were almost completely wrecked and the stock the same. At Arlington, G. M. Cook lost heavily, the houses being almost destroyed, the roof of the stable was blown off and the stock ruined, not even a vegetable left. E. A. Seidewitz and John Oler suffered considerable loss and A. J. Tonney lost over 3,000 lights of glass.

At Towson, J. Wagner & Son's range of houses were completely wrecked, the stock ruined and the outside crops suffered badly. Harry Klein escaped with a loss of about 300 panes. C. B. Hoffman at Pimlico was a heavy loser, the houses being badly damaged and the houses of O. J. Gregorius were wrecked and considerable stock ruined. At Woodlawn, George Tauth's range was badly broken and the crops injured and E. A. Seidelitz's three houses damaged. At Catonsville the storm was not severe, Charles Cook had just finished glazing a new house 20x100 and fifty lights were blown out. Frederick Seidlitz suffered a small loss, James T. Hamilton at Mt. Washington was a heavy loser, twenty large houses containing over 50,000 square feet were badly damaged as well as many valuable plants, the loss being about \$10,000. S. E. Sands of Hollings had 1,700 lights broken in his 19,000 square feet of glass, but was insured. G. V. Smith's place above Pikesville was considerably damaged. D. T. Quick did not suffer much from loss of glass, but the outside crops were ruined. At C. R. Diffendorfer's of Woodbrook, the houses were badly broken and many valuable plants destroyed. Many greenhouses on private estates were badly damaged and much shrubbery ruined. The demand for glass in Baltimore on Thursday was very large, to replenish what was destroyed by the storm, and the merchants were entirely cleaned out. Most of the growers will rebuild immediately, many having already started.

J. L. T.





AMERICAN ASSOCIATION OF NURSERYMEN AT THE SHAW GARDEN, ST. LOUIS, MO.

### Lincoln Park, Chicago

Although the season has been very dry and the weather very hot for early planting, yet the parks in which the citizens of Chicago take so much pride, and where the people throng on Sundays and warm days are in splendid condition at present, and by a liberal use of water the grass is as nice and green and the flower beds are beginning to be a joy for the visitors. A visit to Lincoln Park found everything in the pink of condition, the greenhouses, which are always an attraction for the thousands of visitors who pass through, are interesting and filled with a collection of palms and tropical plants that is rarely excelled, as well as a fine assortment of spring blooming plants. The orchids, around which a throng of interested spectators may be seen, are approaching the end of the season, but they have been glorious sight through the year and many fine cattleyas, laelias and odontoglossums are still to be seen. A fine lot of gloxinias well grown and full of bloom are a handsome sight, a very beautiful pure white, of which there are a number of nice specimens, being particularly attractive. A large bed of pelargoniums just coming into bloom is sure to be a grand show throughout the summer. The large herbaceous border is now full of bloom and a great education to those interested in home decoration, each plant and variety being correctly labelled. The smaller greenhouses are filled with splendid stock, particularly noticeable were a fine collection of tuberous begonias coming into flower and some especially well grown plants of chrysanthemums which give promise of a grand show in the fall. Head gardener Rudolph Schiele has the bedding out nearly completed and the large lawn in front of the greenhouse with its bright flower beds in fact approaching summer form. The tulips this year were quite disappointing, the same trouble which was noted last year of many plants not showing being much more pronounced than the year previous, one bed being almost a total loss. Mr. Schiele thinks that there is no question but that it is caused by the soil being infected by a fungous disease. The bulbs died out in the same places in the beds that they did the previous year, and in most cases the infected spots were larger. He believes the only way is to remove the soil and place new soil in these beds, which he intends to do another year. He does not think it is caused by any worm or insect or in any failing or disease of the bulb.

## AMERICAN ASSOCIATION OF NURSERYMEN

### THE ST. LOUIS CONVENTION.

#### In: Business Meeting.

The annual convention of the American Association of Nurserymen, held at St. Louis, Mo., a preliminary report of which appeared in our last issue, page 1114, was continued June 15 and 16. The meeting was called to order on the morning of Thursday, June 15. A report of the committee on civic improvement was submitted by J. Horace McFarland, who urged upon nurserymen the necessity of co-operating in the improvement of municipalities. He said: "The nurseryman is naturally and basically interested in civic improvement, or ought to be, because his business is an improving business. When he sells fruit trees and plants, he does it to those who are proposing to get a greater reward out of Mother Earth and to add actual wealth in the products resulting. When he sells ornamental trees and plants, he does so that 'the homes of men may be at least as pleasant,' in the rather bitter words of William Morris, 'as those of beasts.'"

A paper was read by F. H. Stannard, of Ottawa, Kansas, on "Extending the Retail Trade." He recommended sending out young, loyal, enthusiastic salesmen to create a demand by seeing the planters personally, and furnish superior stock. It is a mistake to suppose that in order to establish oneself in a territory that one must offer his goods at a low price. You cannot successfully conduct a retail business, and allow the retail prices to fluctuate with the wholesale prices.

Abner Hoopes, of West Chester, Pa., read a paper on "Standardization of Prices at Retail," in which he said: The nurseryman devotes his land, time, labor and capital to the production of his goods. If he grows stock by modern methods, fighting and destroying the numerous pests and successfully contending with climatic and other unfavorable conditions, it is only right that he should receive a price for his product which will justly and fairly compensate him for his trouble, expense and capital invested, as well as the risks he is obliged to take. By standardization of prices I do not mean a combination to fix prices, but rather a uniformity of price as an aid to the establishment of the confidence of the customer. Nothing is more injurious to business or more unjust than the sliding scale, or the so-called "elastic" price, which expands for one man and

contracts for another. Spare no expense in getting the best trees that can be produced, and then ask a price that will yield you a good profit.

"How to Extend our Wholesale Markets," was the subject of a paper by E. S. Welch, of Shenandoah, Iowa. All of us can help extend our wholesale markets by producing a better grade of trees, by being careful to grow the hardiest and most desirable varieties, and encouraging the distribution and planting of such stock as will give the planter the best possible results. Another method of extending the market consists in the introduction of valuable fruits, ornamentals, roses, vines, etc. The introduction of Frau Karl Druschki and ramble roses, the weeping birch, elm and mulberry trees have helped wonderfully in this direction. The nurseryman can materially assist in creating a demand for the best and most desirable varieties by planting freely himself, and giving the necessary attention to produce the best possible results.

W. F. Heikes, who was the first nurseryman in the country to establish grading of trees according to caliper, and himself devised a caliper that is being largely used in the trade, read a paper on "The Standardization of Grades." He recommended making six to eight grades in the leading kinds of fruit trees, as a rule allowing only the difference of a sixteenth of an inch in caliper between the grades. It is desirable that the particular point on the tree and plant where the caliper is taken should be definitely established, and that the character of the tree and plant belonging to each grade be more accurately described than is now customary.

The subject of grading was also spoken of by E. P. Barnardin, of Parsons, Kas., who said: The aim of uniform grades is to get every one to grade by both caliper and height, so that when one sees apple 5-6 ft. priced, or even No. 1, he knows that if he buys from the list that he will get three-quarter and up trees, and not from the size of a lead pencil to the size of one's wrist, simply because they have attained the required height. Mr. Barnardin submitted a grade list adopted by the Western Association of Nurserymen in 1906, and on his motion a committee was appointed to investigate and report on grades to be generally adopted at the next annual meeting.



AMERICAN ASSOCIATION OF NURSERYMEN AT THE SHAW GARDEN, ST. LOUIS, MO.

Mailing lists came in for extended attention. E. W. Kirkpatrick, of McKinney, Texas, spoke on the question, "Who Are Entitled to Trade Lists?" denouncing the practice of issuing trade lists indiscriminately to planters and unworthy dealers as a menace to the business and to all parties concerned. C. J. Maloy, of Rochester, N. Y., urged that all mailing lists should be classified, and no planter or large buyer outside the trade should receive either the list for trade prices or surplus lists.

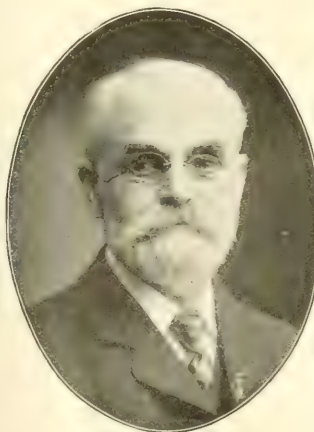
Harlan P. Kelsey, of Salem, Mass., contributed a paper on "The Ethics of Our Business." He referred to the various unfair methods practiced by business men, among them being the nurseryman who endeavors to increase his sales by unfair methods; by giving the bribe or graft to the gardener, superintendent of estate, or public official; by stealing information the property of others; or by claiming what is, is not, or what is not, is. The gardener or other employee is hired to represent his employer's interest, and no sane man will argue that he is free to do so, or liable to do so after having accepted a bribe, or the promise of a bribe or gratuity. One can scarcely blame the underpaid gardener for increasing his meager income by accepting the small graft, when all concerned know that the employer is possibly or probably an employer only as a result of larger and more successful graft, bribery or other dishonest business methods. Actual bribery in the form of gifts and favor to employees of customers can and should be done away with, and the American Association of Nurserymen might very well declare itself at this time, in no uncertain voice. Let the power of public opinion, at least, act on those who practice this form of dishonesty and law-breaking, even if actual convictions cannot be had as quickly as some of us hope for.

Dr. J. C. Whitten, University of Missouri, read a paper on "Fall versus Spring Planting." Data showing the actual growth made by apple trees planted in the fall, as compared with those planted in the spring has, for the past two seasons, been recorded. Experiments were conducted in the experimental nursery on the horticultural grounds of the university, precaution being taken to eliminate as far as possible any other factor than the time of year when the trees were planted. The tables submitted by Dr. Whitten showed that the length of growth made by new limbs on fall transplanted trees was almost double that made on trees transplanted in spring. It was also noticeable that new root growth began to form very quickly on the trees planted in autumn, and callous formed more



J. H. Dayton, Painesville, O.

President Elect American Association of Nurserymen.



John Hall, Rochester, N. Y.

Secretary American Association of Nurserymen.

quickly where a large root was cut back in transplanting. On spring transplanted trees the root growth was very slow in forming. It is a well known fact that our soil is warmer in the autumn than it is in the spring, even though atmospheric temperature may be the same. There is a storage of heat in the soil which reaches its greatest depth in the autumn, and is given off during autumn and winter. It seems possible that the release of this great quantity of heat stored in the soil may furnish conditions to the autumn transplanted trees almost akin to mild bottom heat in hot beds. The farther south we go, the more is autumn transplanting to be recommended, while farther toward the north, where the autumn leaps quickly into winter, and where the severe winters make winter-killing at all likely, it will be safer to transplant in the spring.

Prof. S. J. Hunter, State Entomologist, University of Kansas, read a paper on "The Nurseryman and the Entomologist," urging a cordial co-operation between the two.

E. A. Smith, of Lake City, Minnesota, read a report on Root gall, giving the results of investigations carried on by him for several years which seem to indicate that the disease is not contagious. Mr. Smith urged that other nurserymen set out experimental plots in which to make further tests under varying conditions.

The Committee on Transportation made a report in which it stated that the members of the Uniform Classification Committee of the Interstate Commerce Commission who are handling the nursery schedule have decided that in the new classification trees and shrubs on bills of lading will have to be specified as "dormant shrubs," "dormant plants," etc., in order to avoid being billed at a higher rate. Rates to Colorado common points were lowered about 14 per cent and all intermediate points in Western Kansas and Eastern Colorado have been correspondingly lowered.

Mr. William Pitkin, Chairman of the legislative committee east of the Mississippi river, read a comprehensive report, touching on the evils likely to result from legislation now being proposed in Congress, and after an animated discussion the following resolution was adopted:

Resolved: That the report of the chairman of the legislative committee be accepted, and that this association heartily and thoroughly approves of the course of its legislative committee in connection with federal legislation during the past three years, and further resolved that this association confers on its legislative committee full



power and authority to act for it during the coming year in all matters of federal legislation, with the suggestion that this association favors federal inspection on some safe and practical lines, and that said committee shall use its strongest efforts to defeat any legislation that will place such absolute, arbitrary and discretionary powers in the hands of the Secretary of Agriculture and his Bureau Chiefs as has been proposed by the bills under discussion during the past three years.

Peter Youngers, of Geneva, Nebraska, reported for the legislative committee west of the Mississippi, citing several instances where grave injustice had been done nurserymen by the drastic inspection laws in force in various of the western states. Upon his recommendation the following resolution was adopted:

Resolved: That the president, executive committee and legislative committee be instructed and authorized to arrange for and conduct test cases in connection with the legislation affecting nursery interests in the States of Maine, Wisconsin, Montana, Colorado and Wyoming, and to expend such an amount as in the judgment of the executive committee is advisable.

Resolutions were also adopted, favoring the institution of the parcels post, and also the reduction of first class postage to one cent per half ounce.

The following officers were elected: J. H. Dayton, Painesville, O., president.

W. H. Wyman, North Abington, Mass., vice-president.

John Hall, Rochester, N. Y., secretary.

C. L. Yates, Rochester, N. Y., treasurer.

E. M. Sherman, H. B. Chase, J. M. Pitkin, executive committee.

Boston was chosen as the place for the next meeting.

### The Exhibits.

A. B. Morse, St. Joseph, Mo., nursery catalogs.

McFarland Publicity Service, Harrisburg, Pa., catalogs, booklets, etc.

Farker Nursery & Orchard Co., Tecumseh, Okla., new v. apple grafts.

E. A. Riehl, Altam, Ill., peaches, plums, apricots, pear, apple, crabapple on branches, this year's crop.

Wild Bros., Sarcoxie, Mo., peony blooms.

Homer L. Reed, Louisiana, Mo., graft wrapper, box clamp.

B. G. Pratt & Co., New York, lime sulphur, scalecide, scabicide, etc.

Stark Bros., Louisiana, Mo., tree digger.

Clinton Falls Nursery Co., Owatonna, Minn., packer, trencher, box clamp and quack grass digger.

National Nurseryman Publishing Co., Rochester, N. Y., copies June edition. Gilbert H. Wild, Sarcoxie, Mo., peony blooms, and photos blooming peony fields.

Thos. A. McBeth, Springfield, O., hydrangea plants in bloom, shrubs, vines and evergreens.

Fountain Cutlery Co., Philadelphia, Pa., hedge shears.

American Fruits, Rochester, N. Y., June edition.

The Austin Nursery, Austin, Tex., various varieties of pecan and other nuts.

Thos. Meehan & Sons, Dreshertown, Pa., raffia and calipers.

The Deming Co., Salem, O., spray pumps, nozzles, etc.

Grasselli Chemical Co., Cleveland, O., arsenate of lead, lime-sulphur and other spray material.

The Jeschke Mfg. Co., Bellevue, O., cyclone tile ditching machine.

L. F. Dintelman, Bellevue, O., tree baler.

St. Louis Cordage Co., St. Louis, Mo., twines and ropes of all kinds.

Jackson & Perkins Co., Newark, N. J., shrubs, ornamentals, etc.

J. G. Harrison & Co., Berlin, Md., ornamentals and fruit trees.

Rochester Lithographing Co., Rochester, N. Y., plates and books.

D. Hill Nursery Co., Dundee, Ill., evergreens.

W. N. Scharff, New Carlisle, O., raspberry, blackberry and dewberry transplants.

Benj. Chase Co., Derry, N. H., wood labels.

Dayton Fruit Tree Label Co., Dayton, O., wood labels.

The committee on exhibits added the following comment to its report: We feel that this feature of our annual meeting should be encouraged, and take this opportunity to express to the exhibitors our appreciation of the excellent showing made at this meeting. We hope that the incoming committee on exhibits will make it a point to stimulate the interest already manifested in this feature to the end that we may have in Boston next year, if possible, an exhibit which will continue to be the pride of the association.

### Hospitalities.

The entertainment committee, under the leadership of A. W. Ueber, of St. Louis, were exceedingly active in their efforts to make the social feature of the convention a success. The Shaw banquet, a boat ride down the Mississippi river, automobile rides and an outdoor luncheon and musicale for the ladies were among the pleasant affairs that were provided. W. P. Stark, the retiring president, also extended an invitation and the privileges of free transportation to all members and ladies who remained over Saturday to visit the Stark Bros. nursery at Louisiana, Mo.

### Secretary's Report.

In rendering a report of my stewardship for the past year I make note of the fact that, in accordance with instructions of the association at its last meeting, a card, containing the recommendations of a special committee of which J. H. Dayton was chairman, was prepared and a copy mailed to each member of the association. The recommendations or suggestions referred to treated upon the importance of establishing certain rules relating to maintenance of prices, etc. Doubtless members have heeded the injunction of Chairman J. W. Hill to "post them on your desk as a reminder that you voted for their adoption."

In further compliance with instructions of last year's annual meeting a "separate" containing the papers read at that meeting with reference to crown gall was also published. These papers bore the following titles: "Effect of Crown Gall upon the Orchard," by Peter Youngers, Geneva, Neb.; and "Royal Gall," by E. A. Riehl, Lake City, Minn. The edition of a thousand copies was proportionately divided for distribution by the committee, and the secretary retained a few copies to mail to those who made application to him for them. Of these there was quite a number.

It is to be regretted that in large organizations of such practical value as this there are annually recurring fluctuations in the membership. Over forty of those whose names were in our last year's list have failed to renew for the current year. Each one of these delinquents has received from the secretary at least two, and in some cases, more reminders of the importance of renewal. But there is another and a brighter side to the situation. Your secretary is considerable of an optimist, and not easily discouraged. Acting upon the declaration of Richelleu that "there is no such thing as a fail," he at once entered upon a widespread campaign after new material, and this has resulted in our not only making up the loss in last year's list but of also bringing the number of members up to over

thirty in excess of last year's registration. If members have not already made an analysis of the membership roll with reference to representation by localities we commend such a study as affording considerable interest. As an illustration I will mention the states having a representation of six or more, viz.: Colorado, six; Connecticut, six; Illinois, 25; Indiana, 15; Iowa, 12; Kansas, 21; Michigan, 20; Missouri, 18; Nebraska, 10; New Jersey, eight; New York, 78; Ohio, 25; Oklahoma, six; Oregon, six; Tennessee, 13; Texas, nine. I trust this reference may awaken a new interest among members, even to the creating of a friendly rivalry to see which state can next year make the largest addition to its present representation.

In our anxiety to reduce expenses we have this year invited bids for the publication of the badge book and of the annual report. There was a difference in figures between the lowest and the next highest of \$50, and a difference between the lowest and the highest of \$146 for the printing of both publications. We believe the appearance of the badge book of 1911 justifies the experiment.

### DECEASED.

Prosper J. Berckmans passed away on November 8, 1910, in his 51st year. He was long identified with this association, and those who knew him best heartily endorse the comment of the Florists Exchange, viz.: "Mr. Berckmans was endowed with a graceful, commanding figure, and a charming personality. His death will be generally regretted in horticultural circles."

In the removal of Samuel C. Moon this organization has lost another valued associate. Mr. Moon died in January last, in the 51th year of his age, and was buried on January 22. The National Nurseryman thus referred to him: "A refined, cultured gentleman, a true plant lover, his loss to nursery growing interests is heavy."

James H. Kennedy died September 6 at Dansville, N. Y., aged 49. Though not a member with us at the time of his death, Mr. Kennedy formerly held membership in this association.

More extended reference will be made to the above in the annual published report.

It seems not unfitting that we should mention of the fact of the death of several others who have died during the year, and who, though not officially identified with this organization, claim passing recognition because of their prominence in the horticultural world:

Robert Buist, the well-known seedsman of Philadelphia, died December 13, 1910, in his 73d year. The father of Mr. Buist came to this country from Scotland, and was reputed to be the first florist and nurseryman in the Quaker City. Thomas Meehan, writing of Mr. Buist's death, remarked: "Horticulture does not yet know the full value of the friend it has lost."

J. H. Reynolds, the oldest nurseryman in the state of Michigan, and pioneer of Monroe, died July 21, 1910, in that town, in the age of 91 years. Now can we refrain from mentioning the death of Jean Souperet, a well-known rosarian, who died July 16, 1910, at the age of 76 years. The name of Jean Souperet, and that of his brother-in-law and partner, Pierre Notting, who died in 1895, will long remain fragrant as the roses which bear their respective names.

Perhaps one of the saddest of sad events of the year was associated with the death of F. Haussman, one of the largest nurserymen in Los Angeles, Calif., which occurred March 9 last, at the age of 56 years. He left a widow, one son and one daughter. Fourteen days later the son, described as a quiet, industrious boy, only 20 years old, was so grieved at the death of his

father that he crept under the propagating bench in the greenhouse and shot himself in the head.

The secretary makes the following financial statement. He had received to June 3 from all sources \$2,771.85, which has been remitted to the treasurer or is in deposit in the bank.

#### The Shaw Banquet.

The twenty-second annual banquet tendered the gardeners of the Missouri Botanical Garden and the invited florists, nurserymen and market gardeners of St. Louis and vicinity, which was provided for in the will of the late Henry Shaw, founder of the Shaw Gardens and Tower Grove Park, was held in the banquet room of the Southern Hotel on the evening of June 15. About 400 guests were present of whom some 300 were members of the American Association of Nurserymen, which was holding its convention in the city at the time. Dr. William Trelease, the director of the Missouri Botanical Garden, welcomed the guests in behalf of Mr. Shaw, and said that this was the twentieth occasion at which this had been his pleasant duty. The toasts of the evening were all glowing tributes to the man, who by his generosity and farsightedness, had made possible the gathering each year, of men representing the best interests of the horticulturists of the country.

The toast, "Our Guests," was responded to by the new president of the American Association of Nurserymen, J. H. Dayton of Painesville, O. In part he said that this was the third time that the nurserymen had met in St. Louis as the guests of Mr. Shaw, this being his first occasion to attend. Adolph Jaenicke, head gardener of the Missouri Botanical Garden, responding to the toast, "Our Guests," gave an outline of the work of the institution, its growth in the past and the plans for the future. In the course of his talk he spoke of the plans which the trustees are now considering, for the building of new greenhouses for the accommodation of some of the splendid tropical specimens at the garden. The Florists' Club of St. Louis, which is the strongest organization of its kind in the city, celebrates its quarter century anniversary this month. Secretary J. J. Bencke responded for the club to the toast, "Our Quarter-century." He said that it was curious that among those present at the first meeting of the club was Mr. Shaw. The club is now in a prosperous condition and has a membership of over 90. "Our Parks" was responded to by the new park commissioner of St. Louis, Dwight N. Davis. He spoke of the necessity of park spaces in the down town districts, and said that he believed that such work should aim to interest the children. He also scored the park waters of the "Keep off the grass" signs were on exhibition. "Our Opportunities" was assigned to J. W. Hill of Des Moines. He spoke of the visit of the nurserymen to the Shaw Gardens on the afternoon of June 14, and also of the marvelous growth of the nursery business in this country. He ended with a tribute to Mr. Shaw that brought hearty applause.

The plans for the future park and business development of St. Louis were ably presented by the Hon. J. H. Gundlach, president of the city council. He spoke of the plans for the improvement of the levee by a walled terrace garden, and the construction of an immense parkway connecting Union station and the municipal center, in the heart of the city. The plans for the other park system were also described in detail.

J. C. Whitten, professor of horticulture at the University of Missouri, fittingly answered the toast to "Our Men" as a former garden employee. He said that the work of the garden in its relation to the results obtained in a scientific way, is for the best interests

of all plantmen, and that the scholarships and fellowships at the disposal of the garden, all eventually, in their application, tend to the improvement of the trade as a whole. In every part of the world there may be found men that have derived their inspiration, and sometimes their instruction, from the men at the Shaw Garden.

#### Convention Notes.

About 60 of the members went in a special on Saturday, June 17, as the guests of Stark Bros. to their nurseries at Louisiana. They were received upon their arrival by a brass band and the mayor of the city, taken to the nurseries and a tour of the thousand acres was made. A picnic lunch followed by speeches and a tour of the town was the final feature.

The Chicago Tribune stated that because the women at the Chicago Beach hotel, when the convention was previously held there, referred to the delegates of the Association as a "bunch of farmers," Chicago lost the next year's convention.

The "high handed action of some entomologists" came in for considerable censure, especially those who have condemned and destroyed carloads of nursery stock without the shippers having anything to say about the matter.

John Watson made such an eloquent nomination of J. H. Dayton that the election of president was unanimous and he was liberally applauded for his address.

The members did not forget the efforts of former Speaker Cannon in his efforts to assist the nurserymen in Congress.

#### Additional Visitors.

E. P. Barnardin, Parsons, Kas.  
W. C. Barry, Rochester, N. Y.  
D. E. Bingham, Sturgeon Bay, Wis.  
R. J. Coe, Pt. Atkinson, Wis.  
L. F. Dintelman, Belleville, Ill.  
A. H. Griesa, Lawrence, Kas.  
J. C. Hale, Winchester, Tenn.  
W. F. Heikes, Huntsville, Ala.  
E. A. Henby, Greenfield, Ind.  
C. L. Hill, Dundee, Ill.  
C. M. Hobbs, Bridgeport, Ind.  
W. T. Hood, Richmond, Va.  
Abner Hoopes, West Chester, Pa.  
D. S. Lake, Shenandoah, Ia.  
J. A. Lopeman, Enid, Okla.  
W. J. Maloney, Dansville, N. Y.  
Chas. N. Peters, Salisbury, Md.  
Wm. Pitkin, Rochester, N. Y.  
A. J. Robinson, Bedford, Mass.  
W. H. Roeder, Osceola, Mo.  
W. N. Scharf, New Carlisle, O.  
J. H. Skinner, Topeka, Kas.  
Charles T. Smith, Concord, Ga.  
E. A. Smith, Lake City, Minn.  
T. J. Smith, Geneva, Neb.  
Charles M. Sizemore, Louisiana, Mo.  
Jefferson Thomas, Harrisburg, Pa.  
John Watson, Newark, N. Y.  
H. J. Weber, Nursery, Mo.  
G. H. Whiting, Yankton, S. D.  
A. E. Willis, Ottawa, Kas.  
C. L. Yates, Rochester, N. Y.

#### Salt Lake City, Utah.

The spring rush is over and the florists have nothing on hand but the season's work. Everyone seems well satisfied with the year's business, in fact, the florists seem to be more prosperous than those in many other lines. With the favorable weather that we are now having garden flowers will be good. Sweet peas are just coming in. There was a large crop of peonies which came in too late for Decoration day and had to be sold at low figures, but most of them were disposed of at some price.

#### NOTES.

There is considerable new glass going up in this vicinity. Olaf Lingreen has been in charge nearly completed at Bountiful. Great success is predicted for Mr. Lingreen as he is a good grower and has the necessary quali-

cations to make a successful florist. The Miller Floral Co. of Farmington have added a large addition to their range and will be in much better shape to handle their growing trade in the future. Mr. Miller has demonstrated to the people of Utah that roses could be grown successfully here, and it looks now as if we should soon be able to grow all the stock needed for local demand.

The Pinchin Floral Co. are making some repairs and improvements to their greenhouses. They are planning to put in a new hot water boiler with the Honeywell generating system.

The Ogden Floral Co. are sending in some good carnations for this time of the year.

The Sugar House Floral & Seed Co. say that this season was the best they have ever had. They make a specialty of carnations and sweet peas, and grow them to perfection. UINTA.

#### Catalogues Received.

Bobbink & Atkins, Rutherford, N. J., nursery stock; R. Vincent, Jr., & Sons Co., White Marsh, Md., wholesale trade list of vegetable, greenhouse and bedding plants; King Construction Co., North Tonawanda, N. Y., greenhouse construction; E. A. Ormsby, Melrose, Mass., ventilating system; American Woodware Mfg. Co., Toledo, O., plant tubs, etc.; Kramer Bros. Fdy. Co., Dayton, O., lawn vases, window boxes, etc.; Northrup, King & Co., Minneapolis, Minn., seeds; David Herbert & Son, Atco, N. J., dahlias; John Lewis Childs, Floral Park, N. Y., gladioli and other summer flowering bulbs; Henry Field Seed Co., Shenandoah, Ia., seeds; Wintersop's Seed Store, seeds, roses, etc.; Peter Henderson & Co., New York, lawn supplies; Horticultural Co., Worcester, Mass., landscape gardening; Leesley Bros. Nurseries, Chicago, wholesale list of nursery stock; Robert T. Pinkerton, Montreal, Que., seeds, plants and bulbs; North Shore Ferneries Co., Beverly, Mass., garden furniture; Noah's Ark Stores, Boulder, Colo., seeds; Campbell Floral Co., Calgary, Alb., seeds and bedding plants; Conrad & Jones Co., West Grove, Pa., trade list of roses, cannas and shrubs; Sadie A. Thomas, Pasadena, Calif., chrysanthemums; National Co-operative Show Gardens, Spencer, Ind., dahlias, bulbs, plants and seeds; Alonzo J. Bryan, Washington, N. J., wholesale list of flowering, decorative and vegetable plants; F. W. Kelsey Nursery Co., New York, special list of trees, shrubs and hardy plants; Geo. H. Walker, North Dighton, Mass., dahlias; Collidge's Fernery & Rare Plant Gardens, Pasadena, Calif., rare ornamental fruiting plants, etc.; Rocco Boiler Co., Erie, Pa., boilers; W. H. Barrett, Adrian, Mich., tomato seeds.

L. Daehnfeldt, Odense, Denmark, seeds; Conrad Appel, Darmstadt, Germany, list of forest and agricultural seeds; J. Blaauw & Co., Boskoop, Holland, nursery stock; Gt. van Waveren & Kruljiff, Sassenheim, Holland, bulbs and spirae; Barr & Sons, London, Eng., land, trade list of daffodils, tulips, etc.; S. Bide & Son, Farnham, England, trade list of new roses; G. Overdeest & Sons, Wassenaar, Holland, wholesale list of bulbs and flower roots; V. Lemoine & Fils, Nancy, France, plants, seeds and bulbs.

ST. PAUL, MINN.—August Swanson, who has been in business here for 22 years will retire from the florist business, having sold out to the Merriam Park Floral Co. He will devote his attention to the Five Finger Coal Co., of which he is president, and will shortly leave for Alaska to look over the property and inspect the mine.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico, \$1.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements. Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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THE class "flour" of the Smithville school, according to the Orville (O.) Courier, was "American Beauty." Why not "—'s Best?"

THE St. Louis Florists' Club's twenty-fifth anniversary banquet will be held at Peckman's Hotel, 4205 Olive street, June 28, at 7 p. m.

COMPLAINTS are at hand that bulbs of Narcissus poeticus albus plenius odoratus (commonly called N. Alba Plena Odorata) fail to bloom in southern Mississippi. Does any reader know the probable cause of failure in that section of the country?

### Personal.

President Valentine of the American Carnation Society was born June 26,

### National Council of Horticulture.

The seventh installment of the press service of the National Council of Horticulture contains articles entitled, "More About Watering Plants," "Window Gardening," "Salvia," and "Annual Phlox." These articles are forwarded to the press free of charge by James H. Burdett, secretary, 1620 West One-hundred and Fourth place, Chicago. Florists should see that their local editors receive and publish them, for they promote an interest in the culture of plants and flowers.

### Society of American Florists.

#### DEPARTMENT OF REGISTRATION.

As no objections have been filed, public notice is hereby given that the registration of the roses, Ruby Queen, May Queen, Pearl Queen and Royal Cluster by the Conrad & Jones Company, of West Grove, Pa., becomes complete.

#### MID-LENT MEETING.

At the Mid-Lent meeting of the society the following appropriations were made for the year 1911:

|                                                                                           |          |
|-------------------------------------------------------------------------------------------|----------|
| Tariff work of the legislative committee .....                                            | \$100.00 |
| General work of the legislative committee .....                                           | 100.00   |
| Entomologist .....                                                                        | 50.00    |
| Pathologist .....                                                                         | 50.00    |
| Botanist .....                                                                            | 50.00    |
| Annual badges .....                                                                       | 75.00    |
| Clerical assistance to secretary at annual convention.....                                | 50.00    |
| Clerical assistance to secretary at adjourned meeting.....                                | 25.00    |
| Sports committee .....                                                                    | 50.00    |
| President's messenger and assistants, or so much of such amounts as might be needed. .... | 25.00    |

Attention should be called to the work of the entomologist, pathologist and botanist. Prof. H. H. Whetzel of Cornell University is the pathologist and has taken up the study of certain plant diseases upon which he will report at the August meeting. Dr. S. A. Forbes, the entomologist, being unable this past year to give the work the proper amount of time, placed it in the hands of J. J. Davis, who presented the report given on pages 34-42 of the twenty-sixth annual report. This is well worth studying. The botanist, Prof. J. F. Cowell, is always ready to help the members on any botanical question. I call your attention to the work of these officers as it is well worth your support.

At the same meeting, on motion of F. R. Pierson, seconded by W. F. Kasting, the adoption of the following amendment was recommended to the society:

To amend article IV., section 2 to read as follows:

Sec. 2. Fees and assessments—Any eligible person may become a member of the society on the payment of \$5.00, and such payment shall cover the annual dues for the balance of the calendar year.

The annual dues shall be \$3.00 per year, payable in advance on the first day of January. Any person may become a life member on payment of \$50.00 and be exempt from all further assessments.

The object of this amendment is to make it possible for any person to become a life member of the S. A. F. on the payment of \$50.00 irrespective of

the fact that he is already a member or not.

A rate of 13-5 on the certificate plan has been granted by the Trunk Line Association. The New England, the Central and the Eastern Canadian are still to be heard from. Further information regarding rates will appear later.

H. B. DORNER, Sec'y.

### National Sweet Pea Society.

The National Sweet Society of America will convene at 3 p. m., June 29, 1911, at Horticultural Hall, Philadelphia, Pa. After an address of welcome, President Burpee will deliver his address and the secretary's report read. The next business will be the nomination of officers and the receipts of invitation for the next meeting place. Leonard Barron of New York, will read a paper on "The History of the Sweet Pea." The society will then elect officers for the ensuing year. In the evening at 7 p. m., the next meeting place will be selected and a paper by Prof. John Craig or A. C. Beal read. On Friday, June 30, the question box and unfinished business will be attended to and in the afternoon on the invitation of W. Atlee Burpee, the members of the society will visit the trial ground of W. Atlee Burpee & Co., at Fordhook Seed Farms, Doylestown, Pa.

### Tulips Coming Blind.

#### ED. AMERICAN FLORIST:

I hear many conflicting reports on the "coming blind" of tulips both forced and grown outdoors. Growers seem inclined to blame the Hollanders while some of the latter say the bulbs are kept dry too long before potting, and are not well treated in subsequent care. What light can you give me on the subject? VERITAS.

There is no question but that when bulbs are kept too dry, and too long before planting, or are allowed to become too dry after being potted, the foliage will grow and that no flower will be produced, or the bud will blast after showing in the foliage. Whether this is the whole cause of the trouble is a question, but bulb buyers have a remedy. When purchasing bulbs of tulips, narcissi and hyacinths if there is a question as to the vitality a few bulbs can be cut in halves, and the flower can be plainly seen wrapped in the centre of the bulb. If the bud is fresh and plump, the bulb should produce good flowers, but if it is dry and has begun to shrivel, the chances are that the flowers will either not show or will blast. Bulbs for forcing should be potted as soon as they are received, and properly taken care of, and all grounds for complaint from this source obviated. W.

### Cut Worms on Carnations.

#### ED. AMERICAN FLORIST:

My carnation plants, planted in the field, are being eaten by cut-worms. Can you inform me how to get rid of them? W. A.

Wisconsin.

The cause of cut-worms in the carnation field comes from newly ploughed soil. The best remedy we have found for them is to mix a little paris green with air-slaked lime or fine sifted wood ashes and dust over the plants in the evening. C. W. JOHNSON.

## Wants, For Sale, Etc

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—In packing and shipping department of a Chicago wholesale house; experienced; can furnish the best of references.  
Key 467, care American Florist.

**Situation Wanted**—By all around seed man, either as manager of retail house or a position of trust; can give high class reference; about 30 years' experience in the seed business. Address  
Key 462, care American Florist.

**Situation Wanted**—Middle aged German gardener, propagator, caretaker, grower, vendor of flowers for the holidays and grower of ten good specialists for greenhouses, bedding plants and general greenhouse plants; perfect in nursery work and outside gardening; with good references; an independent; wishes situation in commercial or private garden. Address  
Key 454, care American Florist.

**Help Wanted**—10 lire salesmen thoroughly acquainted with the florist, nursery and seed trade; must have A1 references; apply by letter only, stating qualifications in first communication.  
Key 463, care American Florist.

**For Sale**—Tubular boiler, 26 in. full front; good for three houses. 18x10 0 375 00.  
LEVANT OLE Battle Creek, Mich.

**For Sale**—Second hand pipe; a fine lot of 3 1/2, 2 and 3 inch second hand pipe at low prices; guaranteed to go & condition in.  
BAUR GLASS COMPANY Paton Indiana.

**For Sale**—Greenhouse, 21x25 1/2; 2 acres in city; good business; 8 room house modern located near the Sound; fine view; near car; gravity spring water. O. E. RAMQUIST, 4806 Alki Ave., Seattle Wash.

**For Sale**—Well established greenhouse business for sale, located in a college town half way between Utica and Norwich N. Y.; terms reasonable.  
L. R. F. SMITH  
Box 1034, Hamilton N. Y.

**For Sale**—Greenhouse of 3070 sq. ft. of glass, need enlarging in N. E. Nebraska; good cut flower and design trade, over 20 miles west and north, no competition, R. K. center; cause advancing age. Address  
Key 446, care American Florist.

**For Sale**—Sunny-side Greenhouses for sale; on account of ill health; one of the best in central Michigan; will sell at a great sacrifice; will bear the closest investigation; over twenty thousand feet of glass. JNO. S. SCHLEIFER  
OWASSO MICH.

**For Sale**—Dwelling and greenhouses, 5007 sq. feet glass; four acres land; good well; good business location; town of 30 000 about two miles from town; price and terms reasonable; manager's death reason for selling. MRS. C. ALLEN.  
R. No. 3 Texarkana Ark.

**For Sale**—Old established florist and seed business, 20 000 feet of glass; 10 acres; well located and doing a fine local and also mail order business. Have mail net list of 30 000, everything in good shape. If uses well stocked. Want to retire. Good opening for a hustler. Address  
Key 465, care American Florist.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants; one 20x12 1/2 feet and the other 6x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 16x2 feet in connection; good location for retail trade; for further particulars call on or write.  
4228 N. 40th Ave., Chicago Ill.

**For Sale**—A whole or one half interest in 8 000 square feet of glass, flower store and about four acres of land; one half for \$3 000 cash; the whole for \$5 000 half cash and terms. The land itself sold for \$4 600 in 1890. The present owner cleared better than \$4 000 net in 1909. Business established better than ten years and growing rapidly. Party buying a half interest must be competent to take full management and furnish unquestionable references as to ability, honesty and sobriety. Unless you can fill all the requirement a/s, don't write. Reason for selling, other business requires my attention. Address  
Key 435, care American Florist.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**Wanted to Lease**—From 15 000 to 30 000 feet of glass within 5 miles of New York City; modern place required with good dwelling and outbuildings; prefer several acres. Address  
CHAS. BARSON, Ossining N. Y.

## WANTED.

Private gardener, Englishman preferred; cottage near grounds; steady position to the right man; references required.

E. C. ROBERTS, Davenport, Iowa.

## MANAGER WANTED.

Wanted a Manager for the Chicago Flower Growers' Association. Only capable man need apply; references. Address, Geo. C. Welland, Secretary. Evanston, Ill.

## WANTED

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX & SONS, Council Bluffs, Iowa.

## NEW YORK SALESMEN

We need men who are familiar with the greenhouse trade in and around New York. State age, experience and salary.

Address

Boilers, care of American Florist August Swanson, St. Paul, Minn.

## Wanted---Seedsmen

Who has had some experience in calling on country trade and capable of working in the house when road work is done. For months of the year road work balance of the time in the house. Key 440, care American Florist.

## Wanted---Carnation Grower

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves he is a \$15.00 per week man. Address

Key 461, care American Florist.

## FOR SALE Nursery and Farm.

A well located up-to-date nursery of more than 100 acres, one-half mile from thriving town on railroad, and near two large cities; 14 greenhouses, all stocked; 230 000 trees of all kinds; other growing stock and crops. A going concern, with bright prospects. Good reason for selling. Full particulars by addressing

Key 458, care American Florist.

## FOR SALE.

In Western Pennsylvania; an up-to-date retail flower store, doing a good business and catering to a high class of trade. This store is making money, and a good price is asked as there is no immediate need for selling. Best of reason for wishing to dispose of same, and references of the highest character will be furnished. Anyone interested should investigate by addressing

Key 466, care American Florist.

## To The Trade.

I wish to announce I have this date retired from the greenhouse business. Having sold same to the Merriam Park Floral Co., who from this date are in full possession of same.

## Offer Them Now

## ALL SPECIALTIES

For Cemetery Use  
All Bedding Plants  
Window Box Stock  
Plants for Vases

The season is three weeks early, and the growers will get left who do not clean out their surpluses

## WHILE DEMAND IS STRONG



# American Beauties and other choice ROSES

## Buy Direct of the Grower and Get Fresh Stock

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

### PRICE LIST

#### AMERICAN BEAUTIES

|                  | Per doz. |
|------------------|----------|
| Extra long.....  | \$3 00   |
| 24-30-in.....    | 2 00     |
| 18 to 24-in..... | 1 50     |
| 12-in.....       | 1 00     |
| 8-in.....        | .75      |
| Short stems..... | 4 00     |

#### Rhea Reid

|                        | Per 100 |
|------------------------|---------|
| Extra long select..... | \$8 00  |
| Good length.....       | 7 00    |
| Medium length.....     | 6 00    |
| Short.....             | 4 00    |

#### Maryland, Killarney, White Killarney,

#### Kaiserin and Richmond.

|                        | Per 100        |
|------------------------|----------------|
| Extra select.....      | \$ 8 00        |
| Good length.....       | 6 00           |
| Medium length.....     | \$4 00 to 5 00 |
| Good short length..... | 3 00           |

#### CARNATIONS

|                                      | Per 100          |
|--------------------------------------|------------------|
| Extra fancy, long O. P. Bassett..... | \$2 00 to \$3 00 |
| Fancy long pink and white.....       | 2 00 to 3 00     |
| Fancy seconds.....                   | 1 50             |
| <b>HARRISH LILIES</b> .....          | per doz. 1 00    |
| " ".....                             | " 6 00           |
| Lily of the Valley.....              | 3 00 to 4 00     |
| Select Pink and White Peas.....      | 50 to 1 00       |
| Adiantum.....                        | 1 00 to 1 50     |
| Asparagus Sprays.....                | 3 00 to 4 00     |
| Ferns, Eastern.....                  | per 1000 2 00    |
| Galax, Green.....                    | per 1000 1 00    |
| " Bronze.....                        | per 1000 1 00    |
| Smilax.....                          | per doz. 2 50    |

Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.

## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### SIGNS OF SUMMER.

The approaching summer can be easily observed in all branches of the business, not only by the flowers that are shown but by the general tone of all in the trade. Both the retailer and wholesaler now have time to talk baseball and ask business questions, and in some of the stores the checker boards have had the winter's accumulation of dust brushed off and are in handy reach for those that have a little time at their disposal, which has not been the case for the last ten months. The retail business showed a marked falling off during the first half of the present month as compared with the same period of previous years. Some attribute this condition to the unusually hot weather of May and early June. The replanting of the rose house which is now being done has caused quite a falling off in the receipts of roses and the past week has seen the stock disposed of very nearly as fast as it comes in. On Saturday night there was a general clean up, and Sunday there was very little to spare at any of the wholesale houses. Considering the weather that the growers have had to contend with, much of the stock is in fine condition, and much better than it was after the excessive hot weather early in the month. Roses are particularly good, some fine American Beauties and Killarneys being seen, and splendid My Maryland and Kaiserins. Carnations are approaching the end and are not nearly up to the desired size and many are off color. Lily of the valley is fine and in quantity for all the month's weddings. Lilies are in good supply and of good quality and some very fine Liliun candidum are seen on the market this week which are very nice for funeral work. Sweet peas are also good and the beautiful Spencer varieties, which have been

aply called "Butterfly," are very conspicuous in all the retail stores. Nymphæas both white and colored are features in the window displays and they attract a great deal of attention. Field daisies in vast quantities are to be seen and used freely. Beautiful cattleyas adorn the windows and for the light trade that is being done are receiving their share of attention. Of outdoor flowers the early summer varieties are being shown; white phlox made its appearance on the market this week and gaillardias, coreopsis and delphiniums with the large vases of peonies fill the windows with bright colors.

#### GLADIOLI.

Gladioli, forced for early bloom, have been quite a feature of the market this season and the spikes were remarkably fine. The varieties most generally employed for this purpose are America, Augusta, Mrs. Francis King and Shakespeare, and the season and prices (per dozen spikes) ran about as follows:

| Variety.          | Apr. | May.   | Jun.   |
|-------------------|------|--------|--------|
| America.....      | \$ — | \$1.50 | \$1.00 |
| Augusta.....      | 1.00 | .75    | .75    |
| Mrs. F. King..... | 1.00 | .75    | .75    |
| Shakespeare....   | —    | .75    | .75    |

#### NOTES.

H. C. Wendland of Wendland & Kelme, the well-known growers of Elmhurst, will leave June 25 for Germany to join his family, who have been visiting relatives there since last April. Mr. Wendland's many friends wish him a safe journey and a speedy return.

Chas. E. Morton, manager of the Los Angeles Flower Market, Los Angeles, Cal., surprised his many friends in the local market when he called on them this week. Mr. Morton is by no means a stranger among us, for it will be remembered that he was formerly in the retail business here several years ago.

The force at the Poehlmann Bros. Co.'s store worked overtime on June 18, when a large number of shipping orders were filled. The American Beauty roses that this firm is cutting are of the first quality, of exceptionally fine color, on long stem, with luxuriant foliage. This firm received 104 cases of orchids this week from their collectors in South America.

Fred Hinks, formerly with the Chicago Carnation Co., is meeting with much success as gardener at J. K. Lyons' home at Hubbard Woods.

The gladioli that J. A. Budlong is cutting are of exceptionally good quality and the finest we have seen in the market.

Frank Kral, 1907 South Halsted street, who was elected delegate of the Pilsen Court 1421, was in attendance at the state convention of the Catholic Order of Foresters, held at Rockford, last week. Frank reports a good meeting and a good time.

L. Hoeckner realized a nice profit from the sale of flowers at his booth in Riverview Park last Sunday, when the attendance was unusually large. "Stogie" is an industrious worker and is deserving of much success.

E. E. Pieser of Kennicott Bros. Co. says that his customers from all parts of the country are writing that they are having a continued dry spell.

The Athenian Floral Co., who recently started in business, is now comfortably located in their handsome new store at 35 East Van Buren street.

Zech & Mann are having their share of business nowadays and are filling a large number of local and shipping orders.

Klem's fancy peonies continue to be the chief offering at Kyle & Foerster's store.

Ed. Amerpohl, of Janesville, Wis., was a welcome visitor on Saturday, June 17.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St.,

Long Distance Phone  
Randolph 35

CHICAGO, ILL.

## For June Weddings

Use Poehlmann's Fancy Valley



### CURRENT PRICE LIST

Subject to change without notice.

#### AMERICAN BEAUTIES

|                | Per Doz.                        |
|----------------|---------------------------------|
| Long, specials | \$3 00                          |
| 30-inch        | 2 50                            |
| 24-inch        | 2 00                            |
| 18 to 20-inch  | 1 50                            |
| Short          | Per 100, \$4 00, \$6 00, \$8 00 |

#### KILLARNEY, Special

|        | Per 100        |
|--------|----------------|
| Fancy  | \$10 00        |
| Medium | 8 00           |
| Short  | \$4 00 to 6 00 |
| Short  | 2 00 to 3 00   |

#### RICHMOND, Special

|        | Per 100        |
|--------|----------------|
| Fancy  | 8 00           |
| Medium | \$4 00 to 6 00 |
| Short  | 2 00 to 3 00   |

#### WHITE KILLARNEY, Special

|        | Per 100        |
|--------|----------------|
| Fancy  | 8 00           |
| Medium | \$4 00 to 6 00 |
| Short  | 2 00 to 3 00   |

#### MY MARYLAND, Special

|        | Per 100        |
|--------|----------------|
| Fancy  | 8 00           |
| Medium | \$4 00 to 6 00 |
| Short  | 2 00 to 3 00   |

|               | Per 100        |
|---------------|----------------|
| PERLE, Select | 8 00           |
| Medium        | 6 00           |
| Short         | \$2 00 to 3 00 |

Cattleyas..... per doz. \$1 00 to \$6 00

#### CARNATIONS,

Per 100

|             |      |
|-------------|------|
| Extra fancy | 2 00 |
| 1st grade   | 1 50 |

#### HARRISII LILIES, Callas.

10 00

Valley..... 3 00 to 4 00

Sweet Peas, Butterfly..... 50 to 1 00

Marguerites..... 1 00

Daisies, Shasta and Yellow..... 2 00 to 3 00

Peonies..... \$4 00 to 6 00

Plumosus Sprays, Sprengeri..... 3 00 to 4 00

Plumosus Strings, extra long..... per string, 60c

Galax..... per 1000, \$1 25

Ferns..... per 1000, 2 00

Adiantum..... 75

Adiantum Croweanum..... 1 00

**POEHLMANN'S FANCY VALLEY**  
**EXTRA FINE HARRISII LILIES**

We make these a specialty.  
 Can supply them all the Year.  
 Once tried you will have no other



**U S E** Budlong's  
Blue Ribbon Valley.

**We** **U** **Want**  
**Have**  
**What** Send us  
Your  
Orders

**U S E** Budlong's  
Blue Ribbon Valley.

**Gladioli,** Red, white, pink, just the thing for June wedding decorations.

**Beauties,** Grown specially for summer, good substance, color and foliage. Try them; they are good.

**Roses,** Maryland, Kaiserin, Jardine, Richmond, White and Pink Killarney —best summer roses.

**Carnations** None better. They have fully recovered from the effects of hot weather and should now reach you safely.

Also a good supply of Sweet Peas, Peonies, Valley, Harrisii Lilies and all Green Goods.

**You Can Order of Us** with every certainty that you are calling on as good a source of supply as there is in Chicago.

Buy Direct  
From the  
Grower.

**J. A. BUDLONG**

82-86 East Randolph Street, CHICAGO.

ROSES, VALLEY  
and CARNATIONS  
A Specialty.....

WHOLESALE  
GROWER OF

**CUT FLOWERS**

L. D.  
Phone  
Central  
3120

Frank Pisternik the popular young buyer for the Ernst Weinhaber Floral Co., and Miss Elizabeth Kleinselter were married at the St. Paul Lutheran church on Wednesday, June 21. The happy young couple left for Wisconsin after the ceremony where they will spend their honeymoon. Mr. Pisternik's many friends wish him a safe voyage on the sea of matrimony and hope that all his troubles will be little ones. The groom wishes to express his thanks through our columns for the many wedding presents received and was especially pleased with the one presented to him by his many friends in the local market.

The Florists' Club transportation committee held a meeting at Ed. Winterson's, June 15, to consider plans for the Baltimore trip. The route and fares will be announced at an early date. Phil Foley is chairman. Call him up on Canal 54.

N. J. Wietor and John Sinner, two prominent wholesale florists, H. E. Griffin of the Wagner Electrical Co., J. A. Maloney of the Santa Fe Railway Co., Edw. A. Ollinger of the AMERICAN FLORIST staff and Frank Kneip a prominent chef will leave Friday, June 23, for a two week's fishing trip at Sand Lake, Wis.

A. Chronis of Johnson & Chronis, the well-known florists of this city, is making preparations to visit his boyhood home in Greece and will sail from New York on Wednesday, July 5. Mr. Chronis, accompanied by his family, expects to be gone about three months, returning some time in October.

The Chicago Carnation Co.'s crack baseball team won its second game of the season last Sunday when it defeated the Morley's by a score of 11 to 7. The players have been measured for their uniforms and are anxiously awaiting the day when they will arrive.

John Degnan badly wrenched his shoulder at his home on the evening of June 14. He tripped on the stairs and would have fallen had he not caught himself, which caused the injury; but he is on the job as usual, none the worse for the accident.

Vaughan & Sperry are filling many orders for an exceptionally fine grade of American Beauty roses, lily of the valley and peonies. Some splendid cattleya blooms are being received at this store this week.

Hoerber Bros. are having a good demand for their My Maryland, Mrs. Jardine and Killarney roses. The local and shipping trade at this store has been very good this week.

The Chicago Flower Growers' Association is on the lookout and is advertising for a capable manager. Those wishing to apply for the position should address Geo. C. Weiland, Secretary, Evanston, Ill.

The regular meeting of the Florists' Club will be held at the Union Restaurant, July 6. W. G. McGee of the Pulverized Manure Co. will read an interesting paper on fertilizers at this meeting.

Peter Propps, who formerly had a stand in one of the down-town clothing houses, is now conducting a store at the corner of Arlington and North Clark streets.

Ed Winterson truly says the longest day is none too long for him as he was born on that day 1898. And the funny thing about it is that every man in the crowd believed it except those who had been to church with him. He had his hat on.

Bassett & Washburn are showing some extra fine Liliun candidum and a fancy grade of sweet peas at their store this week. The eastern ferns that this firm is receiving are arriving in good condition.

J. C. Craig says that he is going to spend his vacation in California this year, leaving some time in August.

W. N. Rudd, J. F. Ammann, Edwardville; F. L. Washburn, Bloomington, and J. C. Vaughan attended a meeting of the Experiment Station advisory board at Champaign, June 16.

John Muir filled several good sized commencement orders at his store on Michigan avenue this week. One order was for 40 bouquets of Killarney roses and another for 108 dozen peonies.

Martin Peterson, the West Division street florist, brought back a nice string of black bass from Twin Lakes, Wis., last week.

Tim Matchen, the manager at the Peter Reinberg store, says that both the local and shipping trade has picked up considerably the past week.

John Mangel says the traveling public is now disposed to concede that the Blackstone is a top-notch hotel.

John J. Welsh, who opened a store last November at the junction of Montrose boulevard and Evanston avenue, reports business good.

Frances B. Stanmeyer, 5430 Evanston avenue, is talking about adding a small greenhouse to her store.

Daniel Branch is moving into his new store which he recently built at Fifty-eighth street and Prairie avenue.

M. Wolniewicz, 3301 Claremont avenue, is going to install a new Moninger Furman boiler in his greenhouses.

Fred Strail and family will leave July 1 for Twin Lake, Mich., to spend a few months at their summer cottage.

John Poehlmann celebrates his birthday on the longest day and this is the forty-fourth anniversary.

Deamund's fancies run very heavy on peony sales this month.

Chas. Balluff is now in the employ of Bassett & Washburn.

# Large Crop of Beauties

**and Roses all of the Best Varieties**

The quality is as fair as the weather conditions will permit, and we can truthfully say that there are no better flowers coming into this or any other market.

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.     |
|-----------------------|--------------|
| Extra long stems..... | \$3 00       |
| 36 inch stems.....    | 2 50         |
| 30 inch stems.....    | 2 00         |
| 24 inch stems.....    | 1 75         |
| 20 inch stems.....    | 1 50         |
| 15 inch stems.....    | 1 25         |
| 12 inch stems.....    | .75c to 1 00 |
| Short stems.....      | 50           |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|                           | Per 100                                                    |
|---------------------------|------------------------------------------------------------|
| Ivory.....                | } Select.....\$6 00 to \$ 8 00<br>Medium..... 4 00 to 5 00 |
| Sunrise.....              |                                                            |
| Perle.....                |                                                            |
| Roses, our selection..... | 3 00                                                       |
| Carnations, fancy.....    | 2 00                                                       |
| “ good.....               | 1 50                                                       |
| Harrisil.....             | 12 00                                                      |
| Valley.....               | 3 00 to 4 00                                               |
| Adiantum.....             | 1 00                                                       |
| Asparagus, per bunch..... | 50                                                         |
| Ferns, per 1000.....      | 2 00                                                       |

**2 000 000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

The planting is about finished at the Geo. Reinberg greenhouses and the help is now prepared for the summer work. Mr. Reinberg informs us that his foreman, Wm. Arnold will leave his employ on June 22 after seven years of valuable service. Mr. Reinberg speaks very highly of his foreman's ability as a grower and wishes him much success in his future undertakings.

Mrs. George Asmus, wife of the president of the Society of American Florists, and Mrs. Chas. W. McKellar will represent this city in the ladies' bowling contest to be held at the convention at Baltimore. Mrs. McKellar jokingly says that she intends to bring back to the city the Peter Reinberg cup which she has already once won.

E. C. Amling is acting as bookkeeper at the store while Miss Minnie Watman is enjoying her vacation at Alton, Mich. John Michelson points with pride to the splendid grade of cattleyas that they are receiving, also to the American Beauty roses of which they have a large quantity.

Leonard Kill, still located at Los Angeles, Calif., is now selling irrigated farm lands.

W. H. Kidwell is making frequent trips to Bloomington, Mich., where his summer cottage is located.

George is king.

Visitors: J. E. Lapes, Cedar Rapids, Ia.; Geo. Franks of Thos. E. Franks & Sons, Champaign; Chas. Crabb of



## ORCHIDS

**For June Weddings**

**Valley, Sweet Peas, Peonies, Orchids and all seasonable flowers and Supplies of all kinds.**

**Send for Price List.**

**CHAS. W. MCKELLAR**

**162 N. Wabash Avenue,  
CHICAGO.**

Crabb & Hunter, Grand Rapids, Mich.; H. Roth and son, H. D. Roth, Lafayette, Ind.

EVERETT, WASH.—A rose show will be held July 7-8 under the auspices of the Rose and Dahlia Society.



# FULL CROP OF ROSES

Try Some of Our **MRS. JARDINE**, the **Finest PINK ROSE** in the Market.

**CURRENT PRICE LIST**—Subject to change without notice.

| <b>BEAUTIES</b>                         |  | Per doz.        |                                     |  | Per 100        |
|-----------------------------------------|--|-----------------|-------------------------------------|--|----------------|
| Extra Select.....                       |  | \$3 00          | Maid, select.....                   |  | \$ 6 00        |
| 36-inch stem.....                       |  | 2 50            | "    medium.....                    |  | \$3 00 to 4 00 |
| 30-inch stem.....                       |  | 2 00            | Uncle John, select.....             |  | 6 00           |
| 24-inch stem.....                       |  | 1 75            | "    medium.....                    |  | 3 00 to 4 00   |
| 20-inch stem.....                       |  | 1 50            | Richmond, select.....               |  | 6 00 to 8 00   |
| 16-inch stem.....                       |  | 1 25            | "    medium.....                    |  | 3 00 to 4 00   |
| 12-inch stem.....                       |  | 1 00            | Carnations, fancy.....              |  | 2 00           |
| Short stem.....                         |  | 75              | "    good.....                      |  | 1 00 to 1 50   |
|                                         |  | Per 100         | Easter Lilies, medium.....          |  | 8 00           |
| Killarney, select.....                  |  | \$ 6 00         | "    long.....                      |  | 10 00          |
| "    medium.....                        |  | \$ 3 00 to 4 00 | Valley.....                         |  | 3 00 to 4 00   |
| Jardine (finest pink rose), select..... |  | 6 00            | Ferns.....                          |  | 2 00           |
| "    medium.....                        |  | 3 00 to 4 00    | Sprengerl and Asparagus Sprays..... |  | 50             |
| Bride, select.....                      |  | 6 00            | All Green Goods at market rates.    |  |                |
| "    medium.....                        |  | 3 00 to 4 00    |                                     |  |                |

**ROSES, our selection, - \$2.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

## Chicago Coal Market.

There has been very little change in the local coal market since our last report. In fact, the only thing of note is that the prices on coal are now becoming steadier, as we near July. Of late there has been very little cutting among the coal dealers, for they have come to the stage where they are taking the present demoralized market as a boy takes a dose of medicine and looks forward to better days. The coal dealers are looking forward to the coming months with much hopefulness. We advise our subscribers who are on the market for coal to take advantage of the present demoralized market and get their orders in early, especially those who use Block coal, for this grade will advance 15 cents July 1.

## Cincinnati.

### GOOD STOCK SELLS WELL.

Since the passing of the commencement season, a week ago, business, locally, has been more or less quiet. The last Wednesday in the month will undoubtedly prove quite a flurry with a demand for wedding flowers if little Dan Cupid gets to work, for to date he is way behind last year's high water mark. First-class stock is running short of the demand and the near future promises even shorter supplies. Some of the blooms arriving are in such condition that the shippers would better have consigned them to their own ash barrel instead. Everything that is real good sells, but the poorer stock is an eyesore in the ice-boxes. The supply of roses, while adequate, is not very large, especially in summer roses, which seem off crop at present. Carnations are rapidly nearing an end for the season. As fast as the present crop is ending some of the growers are throwing theirs out, while others are paying little attention to them. The good carnations find little trouble in finding a market, especially white and Enchantress. Shasta daisies are offered in quantity and are finding quick sales. Easter lilies are good in quality but are only in limited quantities. Sweet peas are uncertain; some days they easily meet all requests and others they run short of the calls for them. Other stock in the wholesale

## "The Busiest House in Chicago"

Is prepared to fill all orders with a choice grade of **Roses, Carnations, Peonies, Sweet Peas** and all other kinds of seasonable stock. If you want **Quality, Price and Service** come to us.

**J. B. DEAMUD CO.**

Long Distance Phone  
Central 3155

**160 N. Wabash Ave., CHICAGO**

houses includes gladioli, lily of the valley candytuft, feverfew, stocks and phlox. In the green goods market smilax is still short, while other lines are ample. The cut ferns are good and include eastern, Kentucky and dagger varieties.

### NOTES.

Wm. Murphy and S. S. Skidelsky have closed a deal with C. C. Murphy whereby they have acquired his new red seedling carnation Delphi. They will disseminate the same in the spring of 1912. The blooms of this variety have been on the local market for four years. During this time it has been a decided hit with the buyers. It always produces a heavy crop for Christmas and then blooms freely into early summer.

In the current publication of the local Woman's Club will appear an article by E. G. Gillett giving the history of flower shows in this city and brief plans for the show next fall. The article was written at the request of the editors of the publication.

Ray Murphy and wife left last Saturday for a fortnight visit to Portsmouth. Mr. Murphy will then go to Virginia to visit Lee Witterstaetter, who is playing ball there.

In the last issue the writer inadvertently omitted the names of the candidates for director of the local club. They are Herbert Greensmith and Al. Heckman.

Albert McCullough has gone to Marblehead, Mass., to attend the annual convention of the American Seed Trade Association.

## St. Louis.

The past week has been a very busy one with the retailers, which was a great relief to the wholesalers, who seeing the increased demand did not hesitate to increase prices. Weddings, funerals and especially school closings caused the demand and both carnations and roses stiffened in price. Sweet peas are about done, as the dry weather has made them very poor in quality.

Mullanphy Flower Co. is about sold out of its extensive stock of plants. The firm has done a splendid spring trade and all hands will now take a little needed rest, but will be up and doing when the season opens.

M. M. Ayres Floral Co. were busy Thursday at Central High School. Bouquets and all green tastefully arranged in shower form, tied with white ribbons were the features.

Chas. Schoenle has a very attractive show window tastefully arranged. People can be seen at all times admiring the flowers and arrangement.

Robert J. Windler had the decorations and bouquets at the McKinley High School, which were of red carnations and asparagus.

Grimm & Gorly had the decorations and bouquets at Soldan High School. Sweet peas were the flowers used.

# OUT OF TOWN FLORISTS

Who appreciate High Grade Stock will find it to their interest to write us for prices before placing their orders elsewhere.

## We are in Full Crop for June

with an exceptionally fine grade of Killarney, White Killarney, Richmond, Bride and Bridesmaid Roses and can supply you (in addition to the above flowers) with a choice grade of Beauties, Peonies, Carnations and Gladiolus. We have these in large quantities

## AND CAN FILL ALL ORDERS

promptly at a moment's notice. If you have not already placed an order with us, do so immediately and see what good care we take of our customers, by supplying them with first class stock. Stock that will stand shipment and arrive in good condition.

# HOEERBER BROS.

Wholesale Growers of Cut Flowers

162 North Wabash Avenue,  
Greenhouses, Des Plaines, Ill.

Long Distance Phone,  
Randolph 2758.  
Automatic 41770.

**CHICAGO.**

### Davenport, Ia.

Business the past week has been quite good, many flowers being used at the funerals of several prominent people and at the graduating exercises. The extreme warm weather has resulted in indoor stock being very poor for this time of the year, roses and carnations are small and of poor keeping qualities, and there is hardly enough of them to meet the demand. Outdoor flowers, such as sweet peas, are small and short-stemmed, owing to the three weeks drought and excessive heat, the thermometer standing at 90° and above every day. Some straggling plant orders are still coming in, which with other work has kept the florists of this vicinity quite busy. Rose and chrysanthemum planting is about completed, and several are starting with their carnations.

### CLUB MEETING.

One of the pleasantest affairs ever held by the Tri-City Florists' Club occurred on the evening of June 14 at the Flora Hill Gardens, the home of Theo. Ewoldt, president of the club. It was the sixth annual strawberry supper and with the exception of two, all the members were present, coming out in automobiles. Mr. Ewoldt had hired several extra pickers and had provided enough berries for every member to have all he could possibly eat, as there is always a contest at these annual affairs to see who can hide away the most berries. A fine medal had been provided by Mr. Ewoldt which was presented in a neat speech to Alvin Anderson of Moline, the judges claiming him champion for the year 1911. Mr. Anderson has now held the championship for three years, but he has a warm rival in Hansen, also of Moline, who will no doubt be better prepared another season. Several members were called upon for speeches and responded in a happy vein, thus making the an-

nual strawberry feast a long to be remembered occasion, and one which the members all look forward to. In fact, all the monthly meetings have come to be pleasant affairs. One new member, Sorensen of Moline, was admitted. "Christmas plants" was the topic for the evening discussion, the culture of cyclamen, begonias, poinsettias, primroses, azaleas and other plants being well discussed by the different members. A committee of three, Hensley, Patton and Rohlf, was appointed to make arrangements for the annual picnic and to report at the next meeting, which will be held at Henry Gaethle's, Rock Island, on the evening of July 13. T. E.

### Indianapolis.

#### TRADE QUIET.

Trade has been very quiet. Weddings have been the chief attraction and the retailers' only salvation. Stock is plentiful and of fairly good quality. A much-needed rain fell June 18 and helped the plants in the field to a great extent. The cool weather which followed the rain has acted as a brace to the roses and carnations.

#### NOTES.

Adolph Bauer and Sidney Smith are as yet still selling the products of their separate greenhouses conjunctively and will continue to do so until the new stock is ready to cut. In all other respects, however, they have separated their business. Sidney Smith has styled his place "The Columbia Conservatory," and expects to change the business to a strictly retail basis before many months. The city is being built up around him and it is very probable that he will realize a good retail trade from his locality. Adolph Bauer, on the other hand, intends to keep his greenhouses in the "strictly wholesale" classification and devote his time and en-

ergy to producing top-notch cut-flowers and young geranium plants for the wholesale market. He expects to have a fine lot of asters this summer which should bring good returns, for it looks as if there would not be many good ones grown here.

After a stay of ten days, Albert Pitet has returned from Texas with an enthusiastic report of the fine climate and prosperous state of that part of the country. He bought a piece of land while there, which he later intends using as a winter residence.

John Rieman is still on the sick-list with a rheumatic knee. Frank Saal, his head clerk, seems to be holding down the business very nicely and John Rieman is turning this period of indisposition into a little vacation.

Herman Junge is now joyfully telling his friends of how he finally disposed of his \$250 phonon for \$40. He expects to invest the proceeds in further bee-supplies.

Walter Bertermann and Herman Junge participated in the "secret time" automobile run to French Lick under the auspices of the Indianapolis Trade Association.

D. S. Greene, salesman for Bayersdorfer, was in the city this week with a broad smile and a happy hand as usual. He reports business good.

Arrangements are being made by the Indiana State Florists' Association to hold a picnic at Fairview Park some time during July.

A. W. Brandt has changed the entire arrangement of the interior of his store-room and has re-decorated throughout.

Lester Benson, it is rumored, has contracted for a Cadillac touring automobile.

Roland Brennen, employed at Brandt's, is on his vacation. A. W. B.



# We Are Headquarters For Good Beauties, Roses, Peonies, Valley, Carnations, Gladioli

and are prepared to fill your orders at all times. Write for prices.

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

161 N. Wabash Ave., CHICAGO.

### Los Angeles, Calif.

June weddings and a much greater amount of funeral work than usual at this time of year have helped materially to keep down the surplus of outdoor flowers but even with this assistance, great quantities of the cheaper and commoner kinds have gone to waste. The most prominent flower has been the gladiolus and this, in all the favorite varieties, has been extremely popular, but the price has been low. Outdoor *Lilium giganteum* has been arriving in considerable quantities, the flowers remarkably good but showing signs of careless handling. The prices obtained seem very low and some of the growers what there is in it for the growers after the bulbs are paid for. Other outdoor stock is practically the same as at the last writing. Indoor roses of good quality have met with a very fair demand but some of the stock is thrifty eaten and otherwise poor in quality, and this is not wanted. My Maryland and Killarney, as usual, are the worst affected; Richmond has been extra fine for the season, the cool nights keeping the foliage good. American Beauty has been in over supply and a good many flowers have gone to the doorway florists. Orchids are selling well.

### NOTES.

A new parkway, nearly three miles in length, connecting Westlake and Sunset parks, and 35 miles of new boulevards, joining up some of the most picturesque scenery in Southern California, are among the many improvements to be carried out in the near future by the park commission. The wild mountainous scenery of Griffith park and Mount Hollywood and the rarer beauties of Elysian park are to be connected via Silver lake and an unsightly ravine will be turned into one of the most beautiful spots around the city. The commission has already planted 2,000 trees around the lake and the entrance at Wilshire boulevard has been planted to coccas plumosus, one of the best of street palms. Winding drives along the sides of the arroyo are planned, also streams and miniature lakes in the bottom. The native flora is extremely fine hereabouts, and planters would do well to study up some of the fine indigenous trees and shrubs with a view of preserving and planting these, rather than the indiscriminate rubbish and odds and ends of nursery stock that are now foisted on an ignorant or careless public by "landscape?" gardeners.

The postponed meeting of the Los Angeles County Horticultural Society was held June 13 at Kruckerberg's hall, 237 Franklin street. Arrangements were made for a special meeting the first Tuesday in July at the Chamber of Commerce rooms when several speakers will be present to discuss fumigation and insect pests. A full

and interesting meeting is looked for. Later in the month, probably about July 20, a picnic will be held at J. Dietrich's place at Montebello. Jake has promised everyone a good time and he will doubtless make good.

Three Florists have enjoyed good business of late, funeral work being heavy and several large wedding decorations coming their way. At a recent outdoor wedding the ceremony was held under a canopy of *Asparagus plumosus* and Bride roses, the reception rooms being decorated with *Gladiolus America*. Several fine baskets of American Beauty and Ulrich Brunner roses were used and much other choice stock. Frank Lichtenberg was in charge.

Large quantities of stock in all varieties continued to be handled at the Los Angeles Flower Market. We found Charlie Morton on the eve of departure for Chicago and New York, whence he intends to return via New Orleans and Florida, calling on his brother, Hubert, at Fort McCoy en route.

Jack D'Ortignac, late of the Redondo Floral Co., has opened a store at 201 West Fifth street, opposite the Alexandria hotel, to be known as "Jack's Flower Shop." He is carrying good stock and, though rather crowded for room, has a good location. E. Bret is Jack's partner in the enterprise.

At the Angelus Flower Shop there is usually a greater variety of orchids and other choice stock than in the majority of the stores and we noted fine blooms of *Dendrobium superbum* and phalms in variety, as well as choice cattleyas.

Work at the new greenhouses of Wright's Flower Shop at Gardena is progressing rapidly and with the addition of the reconstructed Edendale houses, Tom Wright says he has about 90,000 square feet of glass.

H. R. R.

### Syracuse, N. Y.

The first annual rose show of the Syracuse Rose Society drew an attendance of nearly 300 flower enthusiasts to the Y. M. C. A. Assembly hall June 15. First honors in the awards went to David M. Dunning, president of the Auburn Savings Bank, who took nine firsts, including the S. T. Betts' grand challenge cup.

The hall was a scene of activity. A large floral design, made by Joseph Kinney, gardener for Mrs. Lyman C. Smith, and standing eight and one-half feet high by five and one-half feet wide was placed on the stage. On this was inscribed in flowers, "Syracuse Rose Society." The exhibits were arranged in vases on four long tables extending the entire length of the hall. Across the rear of the hall was hung a mammoth American flag. Everything was

in readiness when the hour for the formal opening arrived. An orchestra was stationed in one corner of the hall to the left of the stage. Officers of the society assisted the reception committee in receiving the visitors. Those receiving included John R. Clancy, Mrs. Robert Dey, Mrs. James M. Gilbert, Mrs. B. E. McKevitt, Mrs. Frank C. Soule, Mrs. J. William Smith and Samuel T. Betts.

During the evening announcement was made that S. G. Harris of Turin-town had offered a special prize of \$10 for the best 72 blooms, six each of twelve varieties. D. M. Dunning, one of the best-known amateur rose culturists in central New York, will probably enter an exhibit for this prize at once. One of the exhibits which attracted considerable attention was a variety of blue rose, which has been the subject of considerable discussion for some time in floral trade papers. This was shown by Mrs. J. J. Kullmer of Syracuse. During the evening punch and ices were served and cut flowers sold by a committee of women under the direction of Mrs. Max H. Schwartz for the benefit of the Day Nursery. Of the 300 patrons of the show more than one-half were active members of the society.

The awards were as follows:

Best exhibit of roses open to all classes, S. T. Betts' challenge cup, David M. Dunning. Best exhibit of rose blooms (amateurs)—Miss Edith M. Eggleston, Marcellus. First. Best exhibit hybrid tea roses—D. H. Dunning, Auburn, first; Mrs. John Wilkinson, Onondaga valley, second. Best exhibit of hybrid perpetuals—First, D. M. Dunning; second, Mrs. W. L. Lyman, Syracuse. Best exhibit of moss roses—First, Mrs. J. E. Barton, Parish. Best exhibit old fashioned rose bloom—Newell E. Woodworth, Syracuse. Six distinct varieties hybrid tea roses, hardy in Syracuse—D. M. Dunning. Six blooms Marchioness of Londonderry—Miss Ann McDonald. Six blooms Prince Camille de Rohan—Mrs. H. C. Snow. Six blooms Marshall P. Wilder—Mrs. J. J. Barber, Solvay. Twelve blooms, Pink La France—Miss Eggleston. Twelve blooms, Kaiserin Augusta, Victoria—Mrs. John Wilkinson. Six blooms Killarney—David M. Dunning. Six blooms Gruss au Teplitz—David M. Dunning. Three blooms Caroline Testout—David M. Dunning. Best bowl cut roses, lightly arranged, rose foliage only—Newell E. Woodworth. Best exhibit pink hybrid teas—D. M. Dunning. Best exhibit rose blooms (private gardeners)—Mrs. Frank Harris Hiscock, first; Mrs. James M. Gilbert, second.

A. V. B.

NATICK, MASS.—Robert Montgomery is making extensive additions to his greenhouses on Worcester street.

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FLORISTS' SUPPLIES TOO.

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Baltimore.

STOCK A DRUG ON THE MARKET.

Business has been dull the past week. There have been a few Wednesdays and commencements and funeral work which is keeping up fairly well and used considerably many flowers. Stock is arriving in abundance, and finds poor sale, becoming a drug on the market. Roses, carnations, rambler roses, lilies, sweet peas and gladiolus are in heavy supply. Liliun candidum are arriving by the thousands and are selling at any price obtainable. The street fakir finds things slow and is selling at very low prices. Yet, with all the supply, the stock is of an inferior grade. Pot plants are moving very slowly, with the exception of ferns. Greens of all kinds are plentiful to meet all demands.

CLUB MEETING.

The regular meeting of the Gardeners' and Florists' club was held in their hall June 12. The attendance was good, taking into consideration the severe hail storm which occurred the same evening. Many members who had come into town had to leave to go back to their greenhouses which had been damaged. The executive committee held a meeting early in the evening and report everything progressing finely. Refreshments were served during the evening.

CONVENTION NOTES.

The press committee are doing arduous work, the public press taking up the coming convention and presenting it before the citizens. They are anxious that there will be a large attendance of the members of the S. A. F., and extend a cordial welcome to all. The arrangements are nearly completed. The Belvidere hotel, which is the headquarters, is one of the best appointed in the city, and the large convention hall is but a short distance away. Baltimore is known as a great convention city and the committees are leaving nothing undone for the pleasures and comfort of the visitors.

NOTES.

F. C. Bauer and wife of Govanstown left last Monday for New York and sailed June 13 for Holland. They will be abroad about two months. Before their departure a supper was tendered to Mrs. Bauer by some of the la-

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MOST CENTRALLY LOCATED  
WHOLESALE  
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CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, June 21.                            | Per doz.   |
|----------------------------------------------|------------|
| Roses, Beauty, specials. ....                | 3 00       |
| "    30-in. ....                             | 2 50       |
| "    24-in. ....                             | 2 00       |
| "    18 to 20-in. ....                       | 1 50       |
| Shortstem. ....                              | 75@ 1 00   |
|                                              | Per 100    |
| Killarney. ....                              | 3 00@10 00 |
| White Killarney. ....                        | 3 00@10 00 |
| Richmond. ....                               | 3 00@10 00 |
| My Maryland. ....                            | 3 00@10 00 |
| Cardinal. ....                               | 3 00@ 6 00 |
| Bride. ....                                  | 3 00@ 8 00 |
| Bridemaid. ....                              | 3 00@ 8 00 |
| Rhea Reid. ....                              | 3 00@ 8 00 |
| Mr. Jardine. ....                            | 3 00@ 8 00 |
| Perle. ....                                  | 3 00@ 6 00 |
| Carnations. ....                             | 5 00@ 2 00 |
| Daisies, Shasta and Yellow. ....             | 2 00       |
| Gladiolus. .... per doz. 1 00@ 1 50          |            |
| Harris and Callas. .... per doz. 1 50        |            |
| Marguerites. ....                            | 1 00       |
| Orchids, Cattleyas. .... per doz. 4 00@ 6 00 |            |
| Peonies. ....                                | 4 00@ 6 00 |
| Sweet Peas. ....                             | 5 00@ 1 00 |
| Valley. ....                                 | 3 00@ 4 00 |
| Adiantum Crowsfoot. ....                     | 3 00@ 4 00 |
| Ferns. .... per 1000                         | 2 00       |
| Galax. ....                                  | 1 25       |
| Leucothoe. ....                              | 75         |
| Plumous String. .... each                    | 60         |
| Smilax. .... per doz. 2 00@3 00              |            |
| Sprengeri, Plumous Sprays. ....              | 3 00@24 00 |

dies of the Washington and Baltimore Ladies' Bowling teams. J. J. Perry left at midnight to overtake Mr. Bauer and inform him of the terrible hail storm and the wrecking of his entire plant. They, however, continued on their trip and repairs will be commenced upon his return home. He fortunately was insured.

Halliday Bros. have disposed of their property on Pulaski street and North avenue. There is a large range of greenhouses on the property of which Mack Richmond, superintendent of trade exhibit at the coming convention, is foreman. The property will be improved with modern up-to-date dwellings.

The local seedsmen are having heavy calls for seeds to replace the crops damaged by the recent hail storm. Many farmers had their crops entirely ruined, wheat and rye is flat upon the ground, tomato plants were cut to pieces.

Martin Duckstein, of Brooklyn, has ordered a forty horse power convertible automobile. He will do away with his team as he can utilize the auto for both pleasure and business.

The hail badly damaged the greenhouse of R. C. Hoffman at Ruxton. (John Williams, gardener), as well as

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the stock, both inside and outside.

H. C. Scott, Elliptic City, had over four hundred panes of glass broken and stock badly ruined.

Charles L. Seybold and wife have left for Europe on a pleasure trip.

J. L. T.



## YOUNG ROSE STOCK

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.

Asparagus P. N. and Asp. Sprengerii Seedlings

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OUR STORE WILL CLOSE

5 o'clock on week days

12 o'clock (noon) Saturdays & Sundays.

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## Pittsburg.

## STOCK NOT OVERPLENTIFUL.

Just at this time a little scarcity has developed with almost all flowers. We are in the midst of all the school closings and the commencement exercises are using a large lot of pink roses and American Beauties. Weddings are also making a big demand for white roses, which are very scarce, also lily of the valley. Lilies are moving very nicely. Pond lilies have made their appearance, but do not move very fast.

## NOTES.

Randolph & McClements have had numerous jobs on the last two weeks which called for an immense amount of flowers. John Madden of the Penn avenue store is interested in East Liberty Red Letter day, and usually runs a special on this day.

Max E. Schreiber, McDonald, was a recent visitor. Mr. Schreiber sends chrysanthemums to this market, but states that he does not know how he will be fixed this year with these flowers, as they are not rooting well in the soil.

Roy Dashbough has issued cards announcing the fact that he is now with the Ziegler Co. This firm had an immense wedding decoration in Altoona last week.

J. W. Glenn, Kittanning, was in town and states his business has grown so much that he has to give his personal attention to it at all times.

Karl Klinka states funeral work has been very good with him and that he is sending out quite a number of commencement bunches.

Earl Tipton, buyer for the A. W. Smith Co., is again dodging in and out of the wholesale houses—a sure sign of a scarcity.

Mrs. E. A. Williams has been a heavy buyer of American Beauties and lilies, which indicates some big affairs. Walter Demberg, who has recently been with L. H. Neff, is now on the staff of J. B. Smith, McKeesport.

Peter Miller, who has run a street flower stand off and on for the past 15 years, died May 17.

Michael Holleran, of the McCallum Co., is spending two weeks' vacation at Conneaut Lake.

Johnson, of the McKeesport Floral, is spending a week or so in the west.

John Harris spent last week in Cleveland.

BROOKLYN, N. Y.—Henry Hession is building two greenhouses 52x192, of Lord & Burnham construction, on Clarkson and E. Forty-eighth street, at a cost of \$12,500.

## WELCH BROTHERS,

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley, Carnations, Killarney, Richmond, Maryland and other seasonal stock.

## HOLTON &amp; HUNKEL CO.

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462 Milwaukee St., MILWAUKEE, WIS.

## Wholesale Flower Markets

| BOSTON, June 14.           |    | Per 100  |
|----------------------------|----|----------|
| Roses Beauty best          | 25 | 00@35 00 |
| " " medium                 | 15 | 00@25 00 |
| " " culls                  | 2  | 00@4 00  |
| " " Bride Bridesmaid       | 2  | 00@6 00  |
| " " Killarney and Richmond | 4  | 00@8 00  |
| " " My Maryland            | 2  | 00@8 00  |
| " " Carnot                 | 2  | 00@8 00  |
| Carnations, select         | 1  | 00@2 00  |
| " " fancy                  | 2  | 00@3 00  |
| Callas                     | 8  | 00@12 00 |
| Cattleyas                  | 25 | 00@50 00 |
| Gardenias                  | 6  | 00@12 00 |
| Lilium Longiflorum         | 8  | 00@10 00 |
| Lily of the Valley         | 2  | 00@4 00  |
| Smilax                     | 12 | 00@16 00 |

## MILWAUKEE, June 21.

|                    |            |           |
|--------------------|------------|-----------|
| Roses Beauty       | per doz.   | 75@3 00   |
| " Killarney        |            | 3 00@8 00 |
| " Kaiserin         |            | 3 00@8 00 |
| Carnations         |            | 1 00@3 00 |
| Daisies            |            | 50@75     |
| Lilium Giganteum   | per doz.   | 1 25@1 50 |
| Lily of the Valley |            | 4 00      |
| Peonies            | per doz.   | 35@75     |
| Snapdragons        | per doz.   | 50@50     |
| Swainsosa          | per doz.   | 50        |
| Sweet Peas         |            | 50@1 00   |
| Adiantum           |            | 1 50      |
| Asparagus          |            | 30        |
| " Sprengerii       | per bunch. | 35        |
| Roxwood            | per bunch. | 25        |
| Bons. Fancy        | per 1000.  | 3 00      |
| Smilax             | per doz.   | 2 50      |

## St. Louis, June 21.

|                          |    |          |
|--------------------------|----|----------|
| Roses Beauty, long stems | 20 | 00@25 00 |
| " " medium stems         | 20 | 00@25 00 |
| " " short stems          | 2  | 00@2 00  |
| " " Bride, Bridesmaid    | 5  | 00@8 00  |
| " " Killarney            | 5  | 00@8 00  |
| " " My Maryland          | 5  | 00@8 00  |
| " " Richmond             | 5  | 00@8 00  |
| Carnations               | 1  | 50@2 00  |
| Exeter Lilies            | 12 | 50@15 00 |
| Valley                   | 3  | 00@4 00  |
| Adiantum                 |    | 1 25     |
| Asparagus Sprengerii     | 2  | 00@3 00  |

## CINCINNATI, June 21.

|                       |            |             |
|-----------------------|------------|-------------|
| Roses Beauty          | per doz.   | 1 00@4 00   |
| " " Bride, Bridesmaid |            | 2 00@6 00   |
| " " Golden Gate       |            | 2 00@6 00   |
| " " Killarney         |            | 2 00@6 00   |
| " " Richmond          |            | 2 00@6 00   |
| " Pres. Taft          |            | 3 00@8 00   |
| Carnations            |            | 2 00@3 00   |
| Callas                |            | 8 00@10 00  |
| Lilium Longiflorum    |            | 8 00@10 00  |
| Lily of the Valley    |            | 3 00@4 00   |
| Sweet Peas            |            | 50@75       |
| Adiantum              |            | 1 00@1 50   |
| Asparagus Plumosus    | per bunch. | 25          |
| Asparagus Sprengerii  | per bunch. | 25          |
| Smilax                | per doz.   | 12 50@15 00 |
| Shasta Daisies        |            | 1 50        |

## Cleveland.

## A NORMAL BUSINESS.

"June, the month of roses," is holding its own, from a financial standpoint. Stock of all kinds has been very plentiful with but few exceptions, and prices have been somewhat below the average for this month. Roses are a little off crop just now and long stemmed stock is a trifle short of the demand. Kaiserins have the call in

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white. Some of the carnation growers are beginning to transplant and this will make carnations a little bit less plentiful. Good sweet peas are not in over supply, but short and poor stock is plentiful, and a great many go to the street fairs. Easter lilies are meeting with only a fair demand, and Lilium candidum are coming in of exceptionally good quality. Peonies are about through for this year. Eastern fancy ferns are good. Lily of the valley is good and sells well.

## NOTES.

Edwin A. Reeves, of E. Cleveland, took three firsts and one second prize at the American Peony Society's exhibition at Philadelphia, Pa. The Cleveland Florists' Exchange handle the entire output of this farm.

J. Leuschner, F. Utzinger and F. C. Withuhn are going to visit the "Old Country" this summer, making a trip extending over five or six weeks. They intend to leave the latter part of this month.

The Smith & Fetters Co. have received orders during this month for several of the largest wedding decorations they have ever had. C. F. B.

WEST NEWBURY, MASS.—T. C. Thurlow's Sons' peonies were at their best this season June 10 to 20.





## Philadelphia.

The demand for flowers for the past week was only fair and those that were offered graded very low. In roses, American Beauty, My Maryland and Kaiserin are leaders, the Killarneys, both white and pink and Brides and Bridesmaids being very small and unsatisfactory. The American Beauty, which, by the way, is now much the best rose in the market is deteriorating rapidly, the local stock coming in with small buds with fringed petals. The eastern stock which sells from 25 to 33 per cent higher, is of much better quality and the shipments are cleaned up daily. There are still a few fairly good carnations, although much of the stock arriving is hardly worth shipping. Sweet peas are much better since the heavy rains and some very good stock is seen which sells as well, or better, than anything else. Lillium candidum is now in and helps with the window decorations. It is also very useful for sprays and design work. Hydrangea arborescens alba is seen in many of the stores and as a cut flower is quite a success, as it is very decorative and makes up well into designs. Cattleyas are now unusually fine and fairly plentiful and the price holds at about \$5.00 per dozen. Cornflower mums lately on is much used, as the gentleman does not find himself dressed for business or pleasure without his cornflower boutonniere. Easter lilies are plentiful and being as good as at any season, are preferred for sprays and for wedding decorations. Dorothy Perkins roses from outside are in good demand. Some rarely good stock is seen, that from growers who have been wise enough to prune their bushes, only leaving the strong wood, has the preference; \$3.00 per hundred sprays is about the price. Now that the sale of bedding plants is about over the season can be said to have been very good.

## NOTES.

H. A. Dreer has had a great sale, particularly of their herbaceous stock and pot roses, the latter so out in large quantities which aggregate up into the hundreds of thousands. The rose beds have attracted thousands of visitors. The climbers, with their wealth of bloom have been especially admired and many sales have been made from this exhibit. The bird's nest fern, as seen growing outside in the frames, is most luxurious and when finished they should sell on sight. Fern flats, each containing about 200 of a variety, are now being sent out in quantity; over 30,000 flats have so far been shipped, when these are all potted up they will take up some table space.

Some of the papers boomed the third Sunday in June as Father's Day with a red rose as the flower to be worn. We saw one rose bedecked gentleman and inquiry among the trade failed to find any evidence of a more or less observance of the day. George C. Watson says that a "Mother-in-Law" day is the real thing. George who is a disciple of single blessedness should get one of these much maligned, but really meritorious ladies in his family and then start the observance of the day in her honor, and go down the annals of time as the best son-in-law who ever lived.

The Leo Niessen Co.'s new building is now above the fifth floor and is progressing rapidly. Since the building was projected about a year ago, property in this neighborhood has enhanced in value wonderfully and the investment promises to be very successful. The entire first floor will be occupied by the business.

The Robert Craig Co. say they have never had such busy time and are almost entirely cleaned out of all the standard sorts. Fern and crotons have also sold exceptionally well. K.

## Nassau Horticultural Society.

The summer exhibition of the Nassau County Horticultural Society was held at Pembroke hall in connection with the regular monthly meeting. Despite the heavy rains which we had just previous to the show there was quite a good display. Messrs. Duthie, Marshall and Johnstone were the judges and their decisions were as follows: Best collection of tea and hybrid tea roses, 25 varieties, Mrs. B. Stern (G. Augey, gardener) first; Mrs. H. L. Pratt (H. Gauf, gardener), second; best 12 distinct varieties, hybrid perpetual, roses, Mrs. Stern, first, Capt. J. Delemar (H. Marshall, gardener), second; best 12 varieties distinct of tea and hybrid tea roses, Mrs. B. Stern, first, Mrs. H. L. Pratt (F. O. Johnson, gardener), second; best vase of hybrid perpetual roses, one variety, 12 flowers, Mrs. Bucknall (G. Eaton, gardener), first, Capt. J. Delemar, second. Best vase of tea and hybrid roses, one variety, Mrs. B. Stern. Best collection of ramblers roses, 12 varieties, Mrs. H. L. Pratt, first. Best 12 sprays of ramblers roses, one variety, Mrs. B. Stern, first. Best collection of herbaceous flowers, Mrs. H. L. Pratt, first. Best vase of peonies, 12 flowers, Mrs. Bucknall, first. Best vase delphiniums, Mrs. H. L. Pratt, first. Best vase of snapdragon, Mrs. H. Pratt, first. Best vase of flowering shrub, J. H. Otley (J. McDonald, gardener), first. Best vase of ornamental foliage, Mrs. B. Stern, first. Best varieties vegetables, A. G. Hodenpyle (F. Petrocchia, gardener), first; J. H. Otley, second. Best six lettuce, A. G. Hodenpyle, first; F. S. Smithers (V. Cleres, gardener), second. Best two heads of cauliflower, Capt. J. Delemar, first. Best six varieties of strawberries, 12 of each, Felix Menze, first. Best twelve largest strawberries, Mrs. H. L. Pratt, first. Best dish any other outdoor fruit, Mrs. H. L. Pratt, first. Certificate of Culture was awarded to T. A. Havemeyer (A. Lahodny, gardener), for a very fine display of peonies and hydrangeas, also to V. Cleres for three cucumbers and to F. Petrocchia for mushrooms. Honorable mention was awarded to J. F. Johnstone for a vase of Trachelium. Cereulium, also to F. Petrocchia for lettuce.

On account of the show there was not much other business done at the meeting. F. O. Johnstone was elected to active membership and there was one application for membership. Mrs. B. Stern offered through T. A. Havemeyer a silver cup for dahlias, a collection not to exceed 50 varieties. Mrs. Stern was accorded a unanimous vote of thanks. The society's prize at the July meeting will be for sweet peas—25 pink, 25 white and 25 of any other color. The \$5.00 prize—that of J. Ingram—offered for June was not completed so he offers it for July for 12 varieties, 25 sprays of sweet peas.

E. WESTLAKE, Sec'y.

## Buffalo.

## GOOD STOCK NOT PLentiful.

Another warm spell and with school commencements and weddings on the calendar for every day this week, the prospects for good stock are none too bright. Carnations are getting smaller daily, many of the roses are getting poor, sweet peas, lily of the valley, Harebell lilies and orchids are about all that could be called good. A very large convention here has brought a great crowd, but they are not flower buyers. The death last week of George E. Matthews, one of Buffalo's newspaper proprietors and president of the Matthews Northrop Co., gave the leading florists some very large orders in which American Beauties, roses, lily of the valley, orchids and the choicest of other flowers arranged principally in wreaths and loose sprays was a great help to what had every

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BROOKLYN, N. Y.

indication of being rather a quiet week. Greenhouse men are still very busy. Several of the florists are going to do some remodeling and painting in their stores during July and August.

## NOTES.

Wm. F. Kasting is being seriously considered by Governor Dix for state commissioner of agriculture—it would be a good appointment. BISON.

## New York.

At the bowling contest held June 16, John Donaldson was high man rolling a remarkable string of 264. The club bowls every Friday evening. Following are the scores of the evening:

|              |     |     |     |     |
|--------------|-----|-----|-----|-----|
| Chadwick     | 170 | 169 | 184 | 203 |
| Richards, W. | 133 | 134 | 158 | 122 |
| Kakuda       | 170 | 145 | 154 | 146 |
| Shaw         | 183 | 135 | 157 | 159 |
| Scott        | 144 | 162 | 147 | 175 |
| Meade        | 151 | 164 | 139 | 164 |
| Nugent       | 111 | 118 | 122 | 102 |
| Donaldson    | 163 | 264 | 160 | 161 |

## Toronto.

## JUNE WEDDINGS.

We have much to be thankful for, the June bride, the shower bouquet, the artistic house decorations, with the profuse quantities of peonies, palms and ferns at the church have kept the florists fairly busy. Peonies are the main attraction at present and they are both plentiful and good, the market not being overstocked as in former years as many are being shipped to distant points. In roses, American Beauties are about done, Richmond are still in good shape while the other varieties are deteriorating in quality, which makes good stock scarce. Carnations are plentiful and of the usual quality for this season. Lily of the valley is, at times, scarce, and orchids have shortened up so much that at times it is impossible to get them at all.

## NOTES.

Miss Lena Watson, bookkeeper at Dunlops, has a severe case of poisoning, which started from a thorn in the finger and extended the length of the arm; three operations were necessary, and her condition was critical, but late reports are of improvement.

Many building operations are now going on and there will be a large increase of glass for next season, which will mostly be devoted to roses. The Pennock-Meehan Co. have been here and found good sale for both double Killarney and Melody.

H. G. D

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NEW YORK

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**Wholesale Flower Markets**

NEW YORK, June 14.

|                                    |            |
|------------------------------------|------------|
| Roses, Beauty, special.....        | 10 00@2 00 |
| " extra and fancy.....             | 6 00@2 00  |
| " No. 1 and No. 2.....             | 1 00@2 30  |
| " Bride, Bridesmaid, special.....  | 3 00@2 30  |
| " extra and fancy.....             | 2 00@2 30  |
| " No. 1 and No. 2.....             | 50@2 100   |
| " Killarney, My Mary Ind, spl..... | 3 00@2 50  |
| " extra and fancy.....             | 2 00@2 30  |
| " No. 1 and No. 2.....             | 50@2 100   |
| " Richmond.....                    | 1 00@2 60  |
| Carnations.....                    | 1 00@2 30  |
| Callas.....                        | 4 00@2 50  |
| Cattleyas.....                     | 35@2 75    |
| Gardenias.....                     | 50 @2 00   |
| Lilium Longiflorum.....            | 2 00@2 50  |
| Lily of the Valley.....            | 1 00@2 30  |
| Sweet Peas.....                    | 35@2 100   |

BUFFALO, June 21.

|                                  |                 |
|----------------------------------|-----------------|
| Roses, Beauty, special.....      | 20 00@25 00     |
| " fancy.....                     | 15 00@20 00     |
| " extra.....                     | 10 00@12 00     |
| " No. 1.....                     | 8 00@10 00      |
| " No. 2.....                     | 2 00@2 30       |
| " Bride, Maid, Killarney.....    | 2 00@2 60       |
| " Killarney, White and Pink..... | 2 00@2 80       |
| Carnations.....                  | 1 50@2 00       |
| Daisies.....                     | 1 00@1 50       |
| Lilium Longiflorum.....          | 6 00@6 30       |
| Lily of the Valley.....          | 3 00@4 00       |
| Sweet Peas.....                  | 40@2 75         |
| Adiantum Croomeanum.....         | 75@1 50         |
| Asparagus, per bunch.....        | 35@2 50         |
| Asparagus Sprengerii.....        | 35@2 50         |
| Asparagus Str.....               | 50@2 60         |
| Petas.....                       | per 1000 \$1 50 |
| Galax, green and bronze.....     | per 1000 1 00   |
| Smilax.....                      | 15 00           |

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### The Garden of Shade.

It is probably in London and other towns that gardens shadowed by walls and trees are chiefly left unbeautified, the ground allowed to become damp and unhealthy, weeds and rank grass permitted to struggle together for existence; the place, in fact, given up to the use of the animal and insect pests that never fail to adopt it. Why should there be ugliness, the squalor of decay, asks a correspondent in the Gardener's Magazine, where a little culture could create a floral and foliage Eden?

Among the shrubs that will make coverts of real beauty under tall trees *Berberis aquifolium* ranks high in order of merit, the glossy foliage resists London smuts, and turns to glorious ruddy hues each autumn, the yellow blossom is showy, early, and continues long, the blue-purple berries are charming out of doors or in the home vases. To cover a waste of ground with a shrubbery of this costs but little, no frost of winter will destroy it, no atmospheric conditions rob it of attractiveness. There are other *berberises* that can rise above this one here and there form a high bushy ground, or hedge at the sides, notably *Berberis Darwini* and *Berberis stenophylla*, both spring bloomers, and the latter an elegant grower that attains large dimensions. *Berberis Thunbergii* offers a change, as its blossom includes red among the yellow petals, its berries are crimson, and the leaves take on extra rich tones late in the year. As a foreground to this shrubbery, under the plane or lime trees down the long side of a garden maybe, can live and thrive the spreading low-growing rock sprays or *Cotoneasters* *Simonsi*, *microphylla*, and *rotundifolia*, all giving white flowers followed by coloured berries. The final edging to the ground may be a wide belt of London pride, that glossiest and most vigorous of all the saxifragas, so pleasing to the eye after every washing by the rain, so fairy-like when sending up its early summer forest of long-stemmed miniature pinky-white flowers.

Cold shaded alleys between houses need not be left unadorned; the green euonymus, that furnishes so many house-fronts in Brighton and other seaside towns, will flourish in almost any city or situation; it can be planted as a hedge jutting out across the chief width of the alley, leaving only a path, if needed for tradesmen, which itself can be simply arched over by ivy, supported on two upright poles eight feet high nine inches apart on either side of the walk, and a single cross bar a foot from the summit. Down the border space against the house wall let a narrow border be dug and enriched, planted with variegated Irish ivy, a row of summer and autumn-blooming tall phloxes, and an edging of the mossy saxifrage, *Saxifraga hypnoides*; the last gives velvety green cushions of foliage that are permanent, and has white bloom in early April or March that continues until July. Across the path, in the wide border of the alley, a background of *Rosa rugosa*, the hardy Japanese rose, should be tried, choosing the red, white, or pale pink varieties in preference to the ordinary purplish-pink that is a dull heavy tone. These vigorous, tall *rugosas* are so accommodating that they can be used to form coverts in woods. In addition to the buds and flowers of summer and autumn, they offer gold and red streaked leaves in the wane of the year, and their large bright fruits appear in profusion, often remaining on the branches until spring calls forth the tender green again upon the myriad-spined boughs.

There is no lack of herbaceous plants to arrange in tall groups here and there in this shadowy, cool bor-

der. Golden Rods can bud and bloom as profusely without sunshine as with it; indeed, the late spikes of amber, feathery and deep, are of extra value when they come later, reluctantly maybe, after warmth has faded the plumes of their sisters in the open parts of the garden. Common tall lavender, and rosy-red Michaelmas daisies may also be relied upon, and the stately snow-white *Aster Novæ Belgæ* alba will begin in August and be still a floral mass in October. Day lilies will succeed nearer the middle of the border, for they bloom in dense copses in the country, or amidst all the evil climatic conditions of smoky towns; *Heimerocallis* *dava*, clear yellow, and *Heimerocallis* *fulva*, coppery-orange, look well in groups together. Then the old-fashioned form of moon daisy, plain *Chrysanthemum maximum*, will be found willing to yield a harvest of its often ill-shaped, but bold yellow-eyed blossoms on two to three foot stems, clothed in the glossiest of gay green leaves; foxgloves, rose or white, may be safely introduced, woodland denizens by nature though they are, and stately mulleins, *Verbascum Chaixi*, and *Verbascum pannosum* may accompany them where pyramidal spires of yellow, six to eight feet high, will be suitable. Then, for a bright lavender-blue flower to give a pleasing contrast, may be chosen *Campanula latifolia macrantha*, whose bells are set closely up long stems, above tufts of evergreen foliage that has itself a real value for border furnishing in winter.

In front of all these, between them, too, since the giant plants look so much more artistic in clumps at varying distances instead of informal rows arranged according to their heights, may appear carpets, relieved by groups of innumerable plants of noted hardiness. St. John's Wort alone is sufficient to brighten and cover many yards; although not actually evergreen, there are few years in which it is not always possessed of some leaves from January to January, while those gardeners who care to keep the handsome golden flowers from ever developing into seed pods, will be rewarded by a succession of them during nine of the twelve months.

Wallflowers sometimes fail, but is it worth while to put out sturdy small plants, for even if the leaves become blasted by nipping east winds, the new growth in spring will probably give us lemon, apricot, amber, copper, rose, crimson, brown and purple blossom trusses to harmonize with similar tints in the polyanthes and primroses. White arabis will make an excellent edging improved by single plants here and there of the twelve-inch *Megasea cordifolia*, with tall pink-lilac trusses and large leaves of bronze-shaded green. There is not the yellow or common stonecrop to be spread out in formal lines or over banks; may the woodland primrose not be used as a carpet even in city gardens; and can we ever be really excused if we neglect to fill the best places with daffodils, large and small, single and double?

A neglected waste of land around any home is a reproach to the occupier; better a field of hart's-tongue fern, or an expanse of pegged-down ivy, in the shadow, than a bareness of lonely earth.

## Loretta or Huckleberry, \$1.50 per case

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FROM THE FRENCH TRADE PAPERS.

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Curled Chicory: Surpasse Guillaud.—A new truly curled chicory or endive is said to produce fine heads of great lightness and attractiveness for salads. It is best for early planting, as being so finely curled it is more liable to rust than the ordinary endive, particularly in the fall.

Double Hardy Aster Beauty of Colwall.—This variety is extremely free of bloom; flowers quite double, a handsome lavender blue, four feet high, erect and well branched.

GREENWICH, CONN.—Robert McMillen is seriously ill at his home and under the care of physicians. He has been ailing for several weeks but kept at work.

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FROM NEW YORK EXCEPT AS NOTED.

June 27.

Hamburg, Ham-Amér., 10 a. m., Hoboken Pier.  
Rotterdam, Holl-Amér., 10 a. m., Hoboken Pier.  
Kronprinzessin Cecilie, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
FROM BOSTON, Franconia, Cunard, 10 a. m., East Boston Pier.

June 20.

Campania, Cunard, Piers 54 and 56, North River.  
Olympic, White Star, 3 p. m., Piers 60 and 61, North River.

June 29.

Barbarossa, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
La Provence, French, 10 a. m., Pier 57, North River.

June 30.

FROM QUEBEC, Empress of Ireland, Can. Pac, 3:30 P. M.  
FROM MONTREAL, Corsican, Allan.

July 1.

Canonia, Cunard, Piers 54 and 56, North River.  
Baltic, White Star, 11 a. m., Piers 60 and 61, North River.  
New York, Amer., 9:30 a. m., Piers 62, North River.  
Cleveland, Ham-Amér., 10 a. m., Hoboken Pier.  
Finland, Red Star, 10 a. m., Pier 59, North River.  
Furness, Anchor, 12 noon, Pier 64, North River.  
Prinzess Irene, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
Niagara, French, Pier 54, North River.  
FROM BOSTON, Canopic, White Star, 2:30 p. m., Charlestown Pier.  
FROM MONTREAL, Teutonic, White Star—Dom., daylight.  
FROM MONTREAL, Albania, Cunard.  
FROM MONTREAL, Ionian, Allan.

Great Britain.

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Phones: Home 1388, Cumb. Main 1388 A.

.....634 Fourth Avenue.

New York.

**Established 1874.**

**DARDS**

N. E. Corner 44th St.

and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, **DARDSFLOR.**

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**Mrs. J. B. Freeman**

(Successor to Geo. A. Helm)

336 Superior St., Toledo, O.

Both Phones. 527.

Special attention to Mail and Telegraph Orders.

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**David G. Grillbortzer**

Bell Phone 281. All orders receive prompt attention

**City Index to Retail Florists**

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Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

611 Fifth Ave., cor. 49th Street.

**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
Western Union Code.

Mention the American Florist when writing.

Chicago.

**CANGER & GORMLEY**

187 N. State St.

HIGH GRADE OF FLOWERS.

Phones: Central 5196 All orders are very  
2190 carefully executed.

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing

Cleveland, O.

**The Cleveland Cut Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

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Write. Telegraph or Telephone!

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**Wolfskill Bros.**

**FLORISTS**

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

Only  
the  
Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
sale arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

E. L. Page, Greene, N.Y., President; L. H. Vaughan, Chicago, First Vice-President; M. H. Duryea, New York, Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer.  
Annual convention. Hotel Rock mere, Marblehead, Mass. June 20-22, 1911.

GERMAN pea crops, from the present outlook, will be as short as those of last year, which is the next thing to a failure.

TORONTO, ONT.—The Steele-Briggs Seed Co. reports that the retail business started in slow this year as compared with 1910, but this firm expects the close will show the business of 1911 ahead of any previous year.

FISHKILL-ON-HUDSON, N. Y.—The Hammond Slug Shot works report the largest trade in the history of the business. The drastic government insecticide law enables the manufacturers to boost prices in pretty good shape.

BIRMINGHAM, ALA.—The Amzi Godden Seed Co. says: "Mail order business this year has been very satisfactory. We have had a considerable increase in orders from four to five southern states. All indications show that the farmers are going to use more grasses, clovers, and other forage crops, and that more stock is being raised in the south. They also show a tendency of the farmers in the south to diversify their crops. Our retail store trade is increasing very much. Our vegetable and floral business is still very good." This firm's retail store is now in charge of James A. Wiebens, formerly with the W. W. Barnard Co., Chicago.

HARRISBURG, PA.—The Holmes Seed Co. reports as follows regarding the season's business: "Although the season is considerably ahead of last year with us, yet the months of March and April were not up to the same months of the preceding year. However, the month of May has more than caught up over the preceding months of March and April. Taking the business as a whole this year, it has been exceedingly good, in the jobbing, retail and mail. The mail business fell off during the month of March, but during April we gained all the loss. We are very well satisfied with the outlook and we are busy even today with plants, seeds, insecticides, etc."

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,  
Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

PRELIMINARY report of the annual meeting of the American Seed Trade Association, held at Marblehead, Mass., June 20-22, will be found on page 1136 of this issue.

PHILADELPHIA, PA.—W. Atlee Burpee & Co. say the retail seed business, the past season, in January and February was a little ahead of 1910 and March, owing to the severe cold weather, considerably behind, but in April and May so much ahead as to almost, if not quite, make up for the loss in March.

FLORAL PARK, N. Y.—John Lewis Childs states that the retail catalogue business has not been up to the usual standard this year. It was away off in March and while the period including May and the latter part of April was unusually good it has not made up the loss sustained early in the season.

PEDRICKTOWN, N. J., June 19.—Seed crops in this vicinity are very backward, due to the prolonged drought at planting time. Much depends on the next six weeks as to the outcome. Acreage on most seed crops is larger than usual, especially on pumpkin and squash, probably 100 acres more than last year.

VISITED CHICAGO: E. W. King, of E. W. King & Co., Coggeshall, Eng., and F. J. Cullen, of Thomas Cullen & Sons, Witham, Eng., returning from the Pacific coast. Messrs. King and Cullen left for Toronto June 19. They will remain in the Dominion a few days, and then proceed to Philadelphia, sailing with W. Atlee Burpee for Europe on the S. S. Olympic, from New York, June 28.

HOLLISTER, CALIF., June 19.—In Santa Clara and San Benito counties, the principal seed growing sections, radish probably will be little better than half a crop. Sweet peas, which have been attacked by aphids, will be under half a crop. Carrot will hardly average a quarter crop. Lettuce is late, but may reach normal. Onion is now good and, should the heat not cause injury, promises slightly more than a normal crop.—W.

CHICAGO.—Onion sets growing about here are generally looking well, some small lots, maggot-eaten, have been plowed up.—A meeting of onion set wholesalers was held here this month.—A representative of Wood, Stubbs & Co. was the first onion set inspector in the field this season.—From this time on onion set scouts from all over the central west and south may be looked for.—Lawns were burned early in June by the heat, over 100 degrees in the sun.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.

## Two English Seedsmen in California.

When we left the old country for the purpose of visiting the seed growing districts of America we were quite prepared to find big things; but now after a fortnight among the sweet pea, onion, lettuce, radish and other seed crops in California we must admit that the seed growing business there is altogether a bigger thing than we expected to find it.

The soil and climate of the valleys are perfectly adapted for seed growing and that good crops can be produced year after year without manure is surprising to English growers who spend anything from \$15 to \$30 per acre on manuring for a seed crop. On the other hand, labor is considerably more expensive than in England and rents are in most cases higher. Irrigation, too, appears to be an expensive process where it is carried out, but the majority of the farms visited were on the "dry" system. Though there has been little rain since March, there appears to be an abundance of moisture two or three inches below the surface, and the growers make every effort to retain this by keeping the surface soil in fine condition.

The sweet pea crop generally will be light as a large part of the acreage was planted late owing to the rains continuing much later than usual. Many varieties quite out of date in England, such as Katherine Tracy, Lovely, Hon. F. Bouverie, Firefly, Queen of England and others are still grown, which is surprising when the same color may be had in newer varieties with flowers practically double the size and at the same price. For instance, why grow Queen of England, Blanche Burpee, etc., when Dorothy Eckford is the finest and largest white of the grandifloras?

The radish crops appeared very promising where sown early but the late sown crops must be very light. Onion and lettuce, of which we saw vast acreages, were good and given favorable weather these should produce good crops.

We have been splendidly received and hospitably entertained wherever we have visited and the very pleasant time we have had will be long remembered. We are, we believe, the first English growers to make a thorough inspection of the seed grounds in the growing season but feel sure that others will follow suit when we tell them of our own pleasant experience.

*E. W. King*  
*F. J. Cullen*

VISITED NEW YORK: Leonard H. Vaughan, of Vaughan's Seed Store, Chicago.

MINNEAPOLIS, MINN.—The early part of the selling season, according to Northrup, King & Co., was not quite as high as usual. However, commencing April 1 and up to date it improved materially, so that on the whole it compared favorably with that of last year.



**GIANT PANSY SEED****The KENILWORTH Strain**

must not be compared with the flimsy Trimardeau; it is much larger and of good substance. The immense flowers of  $3\frac{1}{2}$  to 4 inches are of perfect form, every tint and shade is produced in striking combinations and endless variations of beautiful colors and markings; it is the result of years of selections. The stock plants are selected from many thousands of plants grown for market. It is rich with shades of brown, bronze, red, mahogany and numerous others. 1917 seed now ready, light medium or dark mixtures. 2,000 seeds, 50c; 5,000, \$1.00;  $\frac{1}{4}$  oz., \$1.25; oz., \$5.00.

**Pansies in Separate Colors**

Giant Adonis beautiful light blue.  
Giant Emperor William, ultramarine blue.  
Giant King of the Blacks, coal black.  
Giant Beconsfield, violet, shading to white.  
Giant Golden Queen, yellow.  
Giant Golden, yellow, with dark center.  
Giant Masterpiece, beautifully ruffled with a wide range of rich colors.  
Giant White.  
Giant White, with large violet center.  
Giant Royal Purple, fine large flowers.  
Giant Orchard flowering rare shades.  
Giant Bronze and copper shades.  
Giant Light Blue, delicate shades of blue.  
Giant Dark Blue, deep blue shade.  
Trade pkt., 25c; any 5 for \$1.00; any 11, \$2.00.

Rainbow is a blend of over 50 of the latest introduction of Giant Pansies of the most beautiful gorgeous colors: blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy Seed I will send 1000 of Rainbow free, and with other amounts in like proportion.

**Chas. Frost**  
Kenilworth,  
N. J.

Mention the American Florist when writing

**S. M. Isbell & Co.,**

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence Solicited.

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

**Waldo Rohnert**

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

**Henry Fish Seed Co.**  
**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Telegraph Code**  
**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders  
**AMERICAN FLORIST CO., CHICAGO.**

**FALL BULBS**

Our arrangements for High Grade Bulbs of

**Lilium Harrisii, French Romans, Paper White Grandiflora, Callas, Japanese Lilies, London Market Valley, and picked bulbs of all Dutch Hyacinths, Tulips, Narcissus and Spirea** are unexcelled.

**We Can Save You Money on This Stock**

Our Special Import List mailed free on application.

**Vaughan's Seed Store,**  
**Chicago. New York.**

Mention the American Florist when writing

**SEED PACKETS**

We manufacture a full line of

**Packets for the Seed Trade**

Packets sufficiently transparent for mailing.

WRITE FOR SAMPLES AND PRICES.

**THE BROWN BAG FILLING MACHINE CO., Fitchburg, Mass.**

**Florists and Seedsmen, Scratch or Poultry Food**  
Sell Your Own

We will make it for you under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th 1910, writes as follows: 'I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and sound in grain and a pleasure to handle.'  
**J. BOLDIANO & SON, Importers and Wholesalers**  
(Established for 72 years) Baltimore, Md.

Mention the American Florist when writing

**ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

Mention the American Florist when writing

**ROEMER'S Superb Prize PANSIES**

The finest strain of Pansies in the World. Introducer and Grower of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1915. Catalogue free on application.

**FRED. ROEMER, Seed Grower, Quedlinburg, Germany.**

**N.J. WESTERMAN**

**CONTRACT ONION SEED GROWER**

**BEUCHEL, - KY.**

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THE

**J.C. Robinson Seed Co.**

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

Mention the American Florist when writing

ESTABLISHED IN 1894.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.

Telephone 4235 Gramercy.

Mention the American Florist when writing



# Choice Young Rose Stock

500 Perles, 4-in. pots..... Per 100 \$8.00  
 1000 Perles, 2½-in. pots..... 5.00  
 3,000 Grafted Maryland, 3-in. pots..... Per 100 \$10.00  
 1,000 Grafted Pink Killarney, 3 in..... 12.00

## Bassett & Washburn

Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

## CHRYSANTHEMUMS

|                | R. C. per 100 | 2½ in. per 100 | 3 in. per 100 |
|----------------|---------------|----------------|---------------|
| <b>WHITE</b>   |               |                |               |
| Earliest White | \$2.00        | \$2.00         | \$3.00        |
| October Frost  | 2.50          | 20.00          | \$3.00 25.00  |
| Robinson       | 2.50          | 20.00          | 3.00 25.00    |
| Alice Byron    | 2.50          | 20.00          | 3.00 25.00    |
| <b>YELLOW</b>  |               |                |               |
| Golden Glow    | 3.00          | 25.00          | 4.00 30.00    |
| Halliday       | 2.50          | 20.00          | 3.00 25.00    |
| <b>PINK</b>    |               |                |               |
| McNiece        | 2.50          | 20.00          | 3.00 25.00    |
| Maud Dean      | 2.50          | 20.00          | 3.00 25.00    |
| Dr. Englehard  | 2.50          | 20.00          | 3.00 25.00    |
| <b>RED</b>     |               |                |               |
| Schrimpton     | 3.00          | 20.00          | 3.00 25.00    |
| Intensity      | 2.50          | 20.00          | 3.00 25.00    |

## POMPONS

|               |                |
|---------------|----------------|
| <b>YELLOW</b> | 2½ in. per 100 |
| Baby Zenobia  | \$3.50         |
| <b>WHITE</b>  |                |
| Baby Margaret | 3.50           |

|                  |      |
|------------------|------|
| Briola, pink     | 3.50 |
| Mrs. Beu, bronze | 3.50 |
| Quinola          | 4.00 |

**POEHLMANN BROS. CO.**  
 Morton Grove, Ill.

Mention the American Florist when writing

## Asparagus Sprengeri

3 inch 3c; 2 inch 1½c.

|                         |          |
|-------------------------|----------|
| Rex Begonia, 2-inch     | 5 cents  |
| Centuria, 2-inch        | 1½ cents |
| Coleus, Golden Bedder   | 1½ cents |
| Dracena, 2½-inch        | 2½ cents |
| English Ivy, 2-inch     | 2 cents  |
| Rooted cuttings         | 1 cent   |
| Salvia, Bonfire, 2-inch | 1½ cents |
| 3-inch                  | 3 cents  |
| Snapdragon, 2-inch      | 2 cents  |

J. H. DANN & SON, Westfield, N. Y.

## Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                               |                              |
|-----------------------------------------------|------------------------------|
| 3-inch                                        | \$3.00 per 100               |
| Asparagus Seedlings, prepaid, we have 200,000 |                              |
| Plumose                                       | 90c per 100; \$7.50 per 1000 |
| Sprengeri                                     | 60c per 100; \$5.00 per 1000 |

—Cash, please.—

**THE REESER PLANT COMPANY**  
 Exclusive Wholesale Plantmen. RINGFIELD, OHIO

## GLADIOLUS

Cinnamon Vines, Madeira Vines,  
 Lilies, Iris, Daphne Cneorum, Syringa  
 Japonica and Wisterias.

Write for price list

E. S. MILLER, Wading River, N. Y.

Mention the American Florist when writing

## Last Call for Surplus Stock

### AT BARGAIN PRICES

|                                | 2½-inch. Per doz. | 3-inch. Doz.  | 4-inch. Doz. |
|--------------------------------|-------------------|---------------|--------------|
| <b>CANNAS</b>                  |                   |               |              |
| Allemania                      | \$0.50            | \$2.50        | \$0.60       |
| Beaute Polveine                | 60                | 3.50          | 75           |
| Betsy Ross                     | 85                | 5.00          | 1.00         |
| Burbank                        |                   |               | 60           |
| Buttercup                      | 85                | 5.00          | 1.00         |
| Chas. Henderson                |                   |               | 75           |
| Discolor                       | 50                | 3.00          | 60           |
| David Harum                    |                   |               | 85           |
| Dwarf Florence Vaughan         |                   |               | 85           |
| Esandale                       | 50                | 3.00          | 85           |
| Florence Vaughan               | 50                | 3.00          | 75           |
| Leonard Vaughan                | 50                | 3.00          | 75           |
| New York                       | 85                | 5.00          | 1.00         |
| Mile. Paul Czazeneau           | 50                | 3.00          | 60           |
| Multiflora                     | 1.00              | 8.00          | 1.25         |
| <b>ROSES</b>                   |                   |               |              |
|                                | 2½-inch. Per doz. | 3½-inch. Doz. |              |
| American Beauty                | 100               | 100           |              |
| Cardinal                       | \$1.75            | \$12.00       |              |
| Cruss an Tepitz                | \$0.60            | \$4.00        |              |
| Hermosa, Climbing, each \$0.35 |                   | 3.50          |              |
| Kaiserin Augusta               | 60                | 4.00          | 1.50         |
| Killarney, white               | 1.00              | 6.00          | 2.00         |
| La France                      |                   |               | 1.25         |
| Maman Cochet, pink             |                   |               | 1.50         |
| Mosella                        | 50                | \$4.00        |              |
| Mme. Segond Weber              |                   |               | 2.50         |
| Mrs. Taft                      | 2.00              | 15.00         |              |
| My Maryland                    | 1.00              | 6.00          | 2.00         |
| Newport Fairy                  |                   |               | 60           |
| Orleans                        |                   |               | 100          |
| Richmond                       | 85                | 6.00          | 1.75         |
| White Dorothy Perkins          | 1.50              | 10.00         |              |
| White Baby Rambler             | 50                | 4.00          | 1.50         |
| W. R. Smith                    |                   |               | 10.00        |

## BEDDING PLANTS

|                                   | Per doz. | 100   |
|-----------------------------------|----------|-------|
| Abutilon Savitzi, 2-inch          | \$0.45   | 3.00  |
| Ageratum Little Blue Star, 2½-in. | 50       | 3.50  |
| Cobea Scandens, 4-inch            | 1.75     | 12.00 |
| Coleus Golden Bedder, 2-inch      | 50       | 3.00  |
| John Pfister, 2-inch              | 60       | 4.00  |
| Geraniums, S. A. Nutt 2½-inch     | 60       | 4.00  |
| John Doyle, 4-inch                | 1.25     | 8.00  |
| Moonvine, white, 3-inch           | 1.25     | 10.00 |
| Salvias, Drooping Spikes, 2½-in.  | 60       | 4.00  |
| Zurich                            |          |       |

## FERNS

|                                                  |  |
|--------------------------------------------------|--|
| Asparagus Plumosus Nenus—                        |  |
| Seedlings, per 100, \$1.50; per 1000, \$12.00    |  |
| Mixed Ferns for Dishes—                          |  |
| Fine 3 in. stock, per doz., 85c; per 100, \$8.00 |  |

## Ampelopsis Veitchii

4-inch, pot-grown, started plants. Each, 3c; per doz., \$3.00; per 100 \$30.00.

All this stock is in first class condition ready for immediate shipment. Order early and avoid disappointment. F. O. B. Western Springs.

## VAUGHAN'S SEED STORE

31-33 Randolph St., CHICAGO. 25 Barclay St., NEW YORK

(New Number, Same Location.)

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

## HYDRANGEA Souvenir de Claire

The New Hydrangea of Begonia Lorraine Shade.

Strong plants from 3 inch pots, for growing on.

Price. \$5.00 per 100; \$50.00 per 1000.

JACKSON & PERKINS COMPANY, Newark, New York

## FERNS

|              | 2½ in. | 3 in.   | 4 in.   | 5 in.   | 6 in.   | 7 in.   | 8 in.    |
|--------------|--------|---------|---------|---------|---------|---------|----------|
| Bostons      | \$5.00 | \$10.00 | \$15.00 | \$25.00 | \$40.00 | \$60.00 | \$100.00 |
| Whitmanii    | 6.00   | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Amerpholii   | 6.00   |         |         | 35.00   | 60.00   | 85.00   | 125.00   |
| Pieris       |        |         |         | 35.00   |         |         |          |
| Superbissima |        |         |         | 35.00   |         |         |          |
| Plumose      |        | 8.00    | 15.00   | 25.00   | 50.00   | 100.00  |          |
| Sprengeri    |        | 5.00    | 12.50   | 25.00   |         |         |          |
| Maiden Hair  |        | 15.00   | 25.00   |         |         |         |          |
| Small Ferns  |        | 5.00    |         |         |         |         |          |

GEO. A. KUEHL, Wholesale Florist, 423 Main Street, Peoria, Ill.

# PANSY SEED TIME



CHALLENGE PANSIES

Trade pkt. 1/4 oz. oz.  
**Giant Pretiosa.** Crimson-rose, white margin, violet  
 "orch" ..... \$0.15 \$0.60 \$2.00  
**Giant White.** Violet spot, the largest white..... .10 .50 1.50

## PANSY—BODDINGTON'S "CHALLENGE"—ALL GIANTS

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| 42-46 inch.... | 24 inch....    | 6.75    | 12.50   |
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## Market Gardeners

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S. W. Severance, 505 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

**POTATO SHORTAGE.**—Edwardsville, Ill., usually ships 60 carloads of early potatoes, but this season there are none; heat and drought has ruined the crop, says J. F. Ammann.

### Soil Acidity.

Generally when warm weather sets in, acidity is most likely to occur on soils well filled with humus or manure. That is to say, the same soil would do very well during cool weather, but in hot weather, coupled with the necessary moisture, dangerous acids form quickly. The remedy is lime in the air slaked form. We have had several examples of this trouble recently, one of which is a very good one. We potted several frames full of cucumber plants and although everything seemed in proper order the plants did poorly. Recently they were attacked by the striped cucumber bugs, for which we use air slaked lime; no sooner was the lime put on, when our plants commenced to flourish. Of course during this hot weather the plants were thoroughly watered each day which required renewal each time of the lime dust. This treatment corrected the acidity; the peculiar point is that in the rush of work we are apt to overlook the real cause of trouble. In this case no one thought of using lime to correct the poor thrift of the plants.

MARKETMAN.

### European Horticulture.

FROM THE BRITISH TRADE PAPERS.

No Flowers by Request.—Tradesmen in Paris who supply wreaths for funerals have been holding a meeting to protest against the fashion which has set in of no longer laying floral tributes on graves. They point out that the discontinuance of this ancient and pious practice will throw 6,000 persons out of employment, and bring ruin to several thousands of others dependent upon them. It appears that it was Father Hippolewte Leroy who, as a result of his fiery denunciations of flowers in funerals, persuaded many Catholics to abstain from purchasing wreaths for funerals. Father Leroy's argument was that the money would be better spent in buying masses for the souls of the departed, and his appeal was made the subject at the time of an interpellation in the French chamber. The late Cardinal Richard, Archbishop of Paris, disapproved of Father Leroy's action, and reprimanded him. As shown by the lamentations of those engaged in the funeral wreath trade, the seed sown by Father Leroy has, says the Newcastle Chronicle, nevertheless borne fruit.

The Cinematograph and Floral Study.—The Cinematograph has become of the utmost value to botanical study. A remarkable film, depicting the birth of a flower, is to be exhibited shortly in the various picture theaters throughout the country. "The cinematograph has led to the observation and chronicling of what may be termed subsidiary phenomena, which were heretofore unnoticed," says Charles

Urban, who is responsible for this remarkable development in cinematography, and it is most useful in physiological botany, as showing the movements of plants between activity and rest. Photographs of a germinating seed may now be taken by the cinematograph at regular intervals during many days, until the seed sends up its seed leaves. The projected pictures show the earth raised up by the swelling seed, and the seed-coat thrown off; the seed leaves enlarge, straighten themselves out, and then the first leaves break forth. Phenomena of plant life, which take several days or weeks to record—such as the stages of growth in a plant, and the opening of a flower bud—can be projected upon the screen, condensed to a single film, as if successive stages followed each other in the course of a few minutes."

The latest film depicting the stages of a flower's development from bud to bloom is now being exhibited privately at a color studio in the West End. By means of speed magnification the actual movements of bud and foliage take place as the bloom bursts from the bud, and thus transform them, as it were, into sentient beings. The coloring of these botanical subjects is pronounced and perfect in every degree, whilst the red tints (a hue which has hitherto proved a stumbling-block to many experimentalists in color cinematography) are shown in all their splendor. The film in question is 500 feet in length, and undoubtedly marks a distinct advance in botanical cinematography. The amateur gardener, says a writer in the Evening Standard, will find much of interest in a Pathé film depicting the cult of the dahlia and chrysanthemum, which is now on exhibition. All the stages in the growth of these from January until early autumn, when the flowers are in full bloom, are demonstrated. The film depicting the development of the dahlia is 380 feet in length, and is realistically tinted.

Burnt Clay.—Burning is an old device for improving clay land, now seldom practiced. It is expensive, but it is a useful way of improving heavy, intractable land of this kind, and indeed it is not applicable to any other sort, except peat. It is perhaps not generally known how useful it is in regard to the potash in such soil, where it is very largely in an insoluble and crude condition. This is, in fact, the chief use of burning, besides the alteration of the texture for the better, which is another very considerable feature. In a lesser way, burning is perhaps too lightly embarked on at times, because

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Beet, Crosby, Egyptian and Eclipse. \$1.25 per 1000; Cash with order.

R. VINCENT, JR., & SONS CO., White Masrh, Md.

it is absolute death to nitrogen in the soil. The case is different with the ash constituents, but except with potash, there is little done towards increasing the fertility of the soil by burning, and phosphates are not, as a rule, improved by the process. It is a waste of money to burn with this end in view, that of improving fertility directly, unless lime is present in considerable quantity. It should be added before instead of after burning, if it is required, and another point to bear in mind is not to have too hot a fire. This does not give the best results, and a very high temperature may even cause a loss of potash, or at any rate make it less available. Clays that are very poor in mineral matter will never pay for burning, and, in fact, it is only in small quantities probably that it would be worth while even to burn it.

WAKEFIELD, R. I.—John Cirwein is making preparations to build a greenhouse on Kenyon avenue.

BROOKLYN, N. Y.—Henry Winfield of Bedford avenue, Williamsburg, shot and severely injured his wife on June 13. He admitted the shooting, but stated to the court that he only intended to frighten his wife. As she refused to appear against him he was discharged.

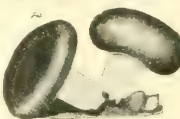


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Fine, Strong, Healthy Stock

2½-INCH

|                            | 100    | 1000    |
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| S. A. Nutt and other leading varieties. | Per 100 |
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| 200 Mme. Salleroi, 3-in.....            | 5 00    |
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| 2,000 Cannas, 2½-in.....                | 4 00    |
| 200 Alyssum, double, 2-in.....          | 2 00    |
| 400 Ageratum, 2-in.....                 | 2 00    |
| 1,000 Antennaria, 2-in.....             | 1 50    |
| 200 Santolina 2-in.....                 | 2 00    |
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| 500 light, 3-in.....                    | 5 00    |

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2½-in. \$6 per 100; \$50 per 1000  
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Grafted.....\$20.00 \$180.00  
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Double Pink Killarney, Mrs. Aaron  
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## The Nursery Trade

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President; John Hall K. Chester, N. Y. Sec'y.  
Thirty-seventh annual convention to be  
held at Boston, Mass., 1912.

REPORT of the annual meeting of the American Association of Nurserymen, held at St. Louis, June 14-16, will be found on page 1138 of this issue.

THE Secretary of Agriculture has just issued Bulletin 92 on "Lights in Relation to Tree Growth," designed to show the benefits derived by the tree by light from all angles, particularly that reflected on the roots.

### Notes From Southern California.

After the drenching rains enjoyed the past month trees and shrubs in Southern California as well as a number of herbaceous subjects are extremely attractive. Many plants that in the east are annual in duration, or at most herbaceous, have become quite tree like. The ricinus or castor oil plant for instance grows 12 feet and 20 feet high with stems a foot in diameter and they are fine now, with large handsome foliage and great bunches of seed pods. Wigandia urens is magnificent on lawns and shrubberies and the large panicles of violet blue flowers hold on a very long time in good order. Those who have only seen Ribes speciosum in nursery rows or in eastern shrubberies can form no idea of its beautiful coloring here on its native mountains. The "Fuchsia flowered gooseberry" must be a very deep rooting subject, for it grows here amidst sage, brush and cactus on dry hills where not a drop of rain falls all summer. Now it is a mass of flowers of the richest, deepest red, the blooms pendant, almost exactly the shape of a fuchsia. On the more exposed positions it grows only about three feet high, but in the canyons where it gets a little shade at times and the benefit of any rain that falls the plants are six to eight feet high, large spreading bushes that are truly magnificent in color. Romneya Coulteri is also in flower close by, though the full beauty of this finest of all California plants is not yet.

Erica Mediterranea is one of the very few heaths that do well here and is just now a pretty sight, its pinkish flowers with black anthers being very attractive. It looks well planted close to some of the yellow acacias and both are in full beauty now. Senecio grandifolius with its large heads of yellow flowers is fine, while the various trumpet creepers, especially Bignonia venusta are at their brightest. For fine foliage the rubber plants would be difficult to beat, the glossy green of Ficus elastica and F. glomerata being fine since the rains. Some very queer combinations are often seen in the gardens here, aloes, cacti and other succulents rubbing shoulders with such moisture-loving subjects as callas, cyperus alternifolius and papyrus reeds, the latter being, of course, freely irrigated during summer. Southern California, in fact, is at her greenest and best just now to welcome the crowds of eastern visitors. H. R. R.

### Magnolia Stellata.

On a sunny day in April or early May there is nothing among hardy shrubs which will light up the landscape with such telling effect as masses of the pure white, star-shaped flowers of Magnolia stellata. It is a deciduous shrub, flowering just before the leaf-buds unfold. Sometimes it is grown as a wall plant, but is seen to advantage when allowed to grow naturally and form a dwarf shrub. This species has the distinction of being the earliest of the magnolias to flower. It has been in cultivation for many years, and is sometimes known under its old name, M. Halleana. The headquarters of the magnolia family are in China and Japan, the one under notice being a native of Japan. There is also a variety of M. stellata with bluish-colored flowers. It was sent from Japan by Mr. Maries, and, like the type, is a dwarf-growing deciduous shrub.

Considering the merits of magnolias in general, it is at first a matter for surprise that these lovely trees and shrubs are not more extensively grown. One reason to account for this is owing to the dislike which magnolias have for certain soils and situations. They succeed best in warm positions on loamy soils of an open and porous nature, says a writer in The Garden. In the cultivation of magnolias it must be borne in mind that they resent disturbance at the root more than any other class of plants; consequently, it is never advisable to remove a plant after it has become established. However, transplanting is sometimes a necessary evil, and under such circumstances the best season is in the spring just when growth commences. If transplanting is done in the autumn, the roots which are very easily bruised, are inclined to rot away, and the plant receives such a severe check that it may never recover. After planting the trees require most careful attention; they should be sheltered under mats, and well syringed if the weather is warm and dry. Magnolias will sometimes ripen their seeds, and if it is desired to raise plants from these sowing should take place at the time of gathering, for no seeds seem to lose their vitality so soon.

### Herbaceous Roses.

This sounds rather a strange term, but I daresay many have noticed how some varieties of tea, monthly and polyantha roses appear to produce such pithy wood and grow so late in the autumn that it is really necessary when pruning to cut the shoots down to the ground line. I maintain that for ordinary bedding roses, in order to obtain a uniformly low growth and also free, healthy shoots, it is essential to prune hard, and I often cut my roses quite down, so that only the stumps are visible. There is another point in connection with bedding roses, and that is their renewal every few years. Do we desire our roses to grow into huge bushes, as they will do if allowed? Is it not better to have younger plants to keep up the continuous growth, asks a writer in The Garden? When the plants become old, their roots are coarse and vitality is rather low, and at the cheap prices bedding roses are now obtainable it is surely worth while renewing the plants, or, at least in some of the beds,

occasionally installing therein a more modern variety.

As the huge output of novelties continues, many old-established sorts will be superseded, and no one who is desirous of being up to date will mind the small expense of superseding some varieties. Recently I saw a bed of Mme. Abel Chatenay, each plant a huge gawky specimen, all grand in their way, but totally unfitted for their position. To have renewed that bed with the same grand old sort would have cost the owner but a few shillings, and he would have derived far more pleasure from it. I do not say such a rose as this will be superseded, but it is quite certain some varieties will be; for instance, Kaiserin Augusta Victoria will have to give way to Entente Cordiale (Pernet) as a bedding variety, and there are others I could name. This renewing of beds with younger and better plants is certain to be more largely adopted in the future than it has been in the past.

DUBUQUE, IA.—The new electric sign which has been erected in front of the store of the Hartnett's Floral Nursery adds greatly to the already attractive store.

## LARGE TREES

OAKS and MAPLES  
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A splendid sort of 3 to 4 ft. and 4 to 5 ft. trees

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Verbenas, Phlox, Alyssum, in bloom; Dusty Miller, Fuchsias, Asparagus of spencers, Smilax, out of 2½-in. \$2.00 per 100; 30¢ for \$5.00  
Cabbage Plants, Lettuce, all kinds, \$1.00 per 1000; 75¢ for 10,000.

Tomato and Sweet Potatoes, best varieties. \$1.50 per 100.

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Notice the heavy vigor of plant, and eye at base of young tubers

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## ROSES

Surplus Stock

Killarney &amp; White Killarney

From 2 in pots.....\$4.00 per 100

From 3 1/2-in. pots... 5.00 per 100

Maryland

From 2 1/2-in. pots...\$3.00 per 100

J. J. CURRAN, Supt. Castle Grove Greenhouses.  
DANVILLE, PENN'A.

## CHRYSANTHEMUMS

Good transplanted cuttings, ready for benching. Estelle, Polly Rose, Oct. Frost Ivory, Glory Pacific, P. Ivory, Minnie Bailey, Golden Glow, Maj. Bonaffon.

\$1.25 per 100; \$10.00 per 1000.

D. H. GREEN, Boonsboro, Md.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,  
WEST GROVE, PA

## ROSES! ROSES! ROSES! Special Own Root Stock.

Richmond, American Beauty,

2 1/4-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Chatenay,

2 1/2-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2 1/4-inch pots.

Send for circular.

J. L. DILLON, Bloomsburg, Pa.

## Asparagus

|                                       | Per 100 |
|---------------------------------------|---------|
| Plumosus Seedlings, 1000 \$10.00..... | \$1 25  |
| Sprenger Seedlings 1000 7.00.....     | 1 00    |
| Plumosus, 2 1/2 in. pots.....         | 2 00    |

Asparagus Plumosus Seed, per 1000, \$2.50; per 100 50c.

## Primroses

Ready July 15.

|                                         | Per 100 |
|-----------------------------------------|---------|
| Salvias, 2 1/2 in. pots.....            | 3 00    |
| Asparagus Sprenger, 2 1/2 in. pots..... | 2 00    |

Cash, PicaSe,

JOS. H. CUNNINGHAM, Delaware, O.



# Heacock's Palms and Ferns

**Home Grown, Strong, Clean and Well Established**

We grow all our Kentias, above 6-in. sizes, in cedar tubs made especially for us, avoiding breakage of pots in shipments and giving better satisfaction to our customers; and while they cost us a great deal more than pots, we sell the plants for the same money. With more glass, our stock is much larger than ever before.

When in Philadelphia, call and see us before placing your order.

## Areca Lutescens

Each  
3 plants, 8-in. pot, 42 in. high.....\$3.00  
4 to 5 plants, 9 in. cedar tubs, 4 ft. high.....5.00  
4 to 5 plants, 9 in. " " 5 ft. high.....6.00

## Kentia Belmoreana

Each  
7 in. cedar tubs 40-in. high.....\$3.00  
9 in. " " 42 in. " " " 4.00  
6 in. pots, 22 to 24 in. " " " 1.00  
6 in. " 24 to 26 in. " " " 1.25  
6 in. " 26 to 28 in. " " " 1.50

## Kentia Forsteriana

Made Up  
4 plants in 9-in. cedar tubs, 42 to 48 in. high.....\$4.00

## Cibotium Scheidei

Each  
9-in. cedar tubs, 4 ft. spread.....\$5.00

**Joseph Heacock Company,**

**Wyncote, Pa.** Railway Station, Jenkintown.

**Verbenas! Verbenas!!**

**Verbenas!**

**The Gem Bedding Plant.**

Send for circular.

**J. L. Dillon**

**Bloomsburg, Pa.**

Nashville, Tenn.

Everything is parched and burnt up, the earth as dry as a powder horn, no rain or relief depicted in the sky or forecast by the weather bureau. All the flower-beds are having a hard struggle except where copious watering can be had. The grass is brown and the prolonged dry spell is getting to be something worse than awful, and while it has already injured the growing crops, will bring disaster if continued much longer. The florists windows have long since taken on their mid-summer appearance, being decorated mainly with ferns, and palms. Trade has been most excellent, the graduating season of our many schools has just closed. Funeral work, too, has been extensive, but there has been a scarcity of flowers, with a quality surely up to standard.

NOTES.

McIntyre Bros. say the dry spell has not hurt them any. It has called for more water and more labor, but, if anything, it has helped trade, for they have had a nice business, better than ever. In asters they are growing the "Queen of the Market," with fine success. They also have a large supply of the most beautiful gloxinias, of every fine color imaginable.

Geny Bros. say the dry weather is worse on the asters than on the other flowers, and while they have an abundance of water at hand, the crop has been cut short about half. Trade has been most excellent, the demand continuous and satisfactory.

The Joy Floral Company say the prolonged drought has not hurt them much. They still have an abundance of sweet peas, gladioli, phlox and other small flowers.

Arnold Schmidt, was very cheerful over the drought, said it had no effect on him. He has an irrigation system, and is connected with the city water main.

M. C. D.

# BOBBINK & ATKINS

**World's Choicest Florist and Nursery Products.**

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES:

Palms, Bay Trees, Boxwood and Hardy Herbaceous Plants, Evergreens, Roses, Rhododendrons, Vines and Climbers, Autumn Bulbs and Roots, Conifers, Pines

Florists are always welcome visitors to our nurseries. We are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of E. R. Railroad.

**Nurserymen and Florists.**

**RUTHERFORD, N. J.**

**Araucaria Excelsa**, 6 in. pots, fine plants, 24 in. high 5 tiers, 75c.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.

**Clematis Paniculata**, strong, from 4 in. pots, \$10.00 per 10; 3 in. pots, \$5.00 per 10.

**Stock from 3-in. pots, \$4.00 per 100:** *Salvia*, *Bonfire* and *Zurich*; *Ampelopsis Veitchii*, *Hardy English Ivy*; *Passion Vine*.

**Stock from 2½-in. pots, \$2.50 per 100:** *Impatiens*, *Holstii* and *Sultan*; *Cupressus*; *Snead's* and *glauca* white and scarlet; *Acutilon Savitzi*; *Salvia*, *Bonfire*; *Lobelia*, single blue; *Cosmos*, early blooming.

**Bouvardias**, double and single white, single pink and scarlet, from 2-in. pots, \$3.00 per 100.

**Achyranthes**, 2 varieties, 2½-in. pots, \$2.00 per 100.

**Asparagus Sprengeri**, 2½-in. pots, \$3.00 per 100.

**Sedlings from flats, \$1.00 per 100:** *Dra-cena Indivisa*, *Smilax*.

## C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

# Poinsettias

From 2½-in. pots. Strong, well established plants. Ready July 1. \$5.00 per 100; \$45.00 per 1000.

**STUPPY FLORAL CO., St. Joseph, Mo.**

LIMA, O.—Business this season has been good with all the florists and the bedding out is about completed—Ralph Zettlitz is building three new houses this year, 30x150 feet each, of Lord & Burnham construction, which he will plant to carnations—Adolph Fruck has taken his son into partnership and the firm is now known as A. Fruck & Son.

M.

# SMITH'S Chrysanthemums

## WEEKLY BULLETIN

Fine stock ready for immediate delivery. Not less than 25 at 100 and 250 at 1000 rate. The flowering season is in the order given, beginning with the earlies.

| WHITE                  | Per 100 | 1000  |
|------------------------|---------|-------|
| Beatrice May           | 3 00    | 25 00 |
| Indiana                | 3 00    | 25 00 |
| Miss Clay Frick        | 3 00    | 25 00 |
| Fres. 1st              | 3 00    | 25 00 |
| Mrs. Wm. Arnold        | 3 00    | 25 00 |
| Miss Margaret Desjouis | 3 00    | 25 00 |
| W. H. Chadwick         | 3 00    | 25 00 |
| White Bonafide         | 3 00    | 25 00 |
| Jeanne Nobis           | 3 00    | 25 00 |

| YELLOW            | Per 100 | 1000  |
|-------------------|---------|-------|
| Golden Glow       | 3 00    | 25 00 |
| Yellow Oct. Frost | 3 00    | 25 00 |
| Donatello         | 5 00    | 45 00 |

| PINK                | Per 100 | 1000  |
|---------------------|---------|-------|
| Gloria of Pacific   | 3 00    | 25 00 |
| Pacific Supreme     | 3 00    | 25 00 |
| Gloria              | 3 00    | 25 00 |
| Mrs. Wm. Wincott    | 3 00    | 25 00 |
| Dr. Enguehard       | 3 00    | 25 00 |
| Mayor Weaver        | 3 00    | 25 00 |
| Minnie Bailey       | 3 00    | 25 00 |
| Helean Frick        | 3 00    | 25 00 |
| Miss Jeanne Rosette | 3 00    | 25 00 |

| RED               | Per 100 | 1000  |
|-------------------|---------|-------|
| Pockett's Crimson | 4 00    | 35 00 |
| Intensity         | 4 00    | 35 00 |

This bulletin will be changed each week to comply with stock on hand.

**Elmer D. Smith & Co.**

**ADRIAN, MICH.**

# To Close Out

|                                                                                         |        |
|-----------------------------------------------------------------------------------------|--------|
| 100 Arctotis, 2½ in., can be shifted to 4 in.                                           | \$3.00 |
| 125 Calendula, "olden V. l. w. 2 in.                                                    | 1.25   |
| 60 Cant. ois, Crim. 3 in. in bud.                                                       | 2.50   |
| 80 Centaurea, Gym. 2½ in.                                                               | 2.00   |
| 45 Cocks, scandens, 3 in.                                                               | 3.00   |
| 30 Igoma, 3 in.                                                                         | 4.00   |
| 125 La. spur, Dwarf white, 2 in.                                                        | 1.25   |
| 50 Maurandia, at ong 2 in.                                                              | 2.50   |
| 80 Myosotis, Everblooming, 2½ in.                                                       | 2.00   |
| 150 Nicotia, Miss Jekyl, 2 in.                                                          | 1.75   |
| 100 stocks, La France, 2 in.                                                            | 1.25   |
| 200 " " blue and red                                                                    | 2.50   |
| 100 Thunberg, 2 in.                                                                     | 1.50   |
| 100 Sivilis, Solandens 2½ and 3 in.                                                     | 2.50   |
| 175 Verbena, Erinoides, 2 in.                                                           | 1.50   |
| 175 " " blue 2 in.                                                                      | 1.50   |
| 100 " " pink, 2 in.                                                                     | 1.50   |
| 1500 Asters, Early Wonder and Queen of the Market, large, strong, transplanted at stock | 1.00   |
| 150 Marigolds, French and transplanted at stock                                         | 1.00   |
| 1600 Cobeg, Extra Early Jersey Wakefield an extra fine lot                              | 60     |

Cash with order please. All plants offered subject to being unsold on receipt of order.

E. A. PARKER, Highwood, Ill.

# A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt. Perkins Grant. La Favorite, R. C., \$1.25 2-in. pots, \$2.70 3-in. \$4.00 per 100; Vaude Castelle, Pointeview Jaulin, Ricard, Buchner, R. C., \$1.50 2-in. pots, \$2.50 3-in. \$3.00 per 100.  
 Whitman's Ferns, 2 in. 25c each. 5 in. 35c.  
 Boston Ferns, 5 in. 75c each.  
 Vinca Var., 2 in. \$2.00 per 100.  
 Dr. caena ind., 3 in., \$5.00; 4 in., \$10.00; 5 in., \$25.00 per 100.  
 Asparagus Sprengeri, 2 in. \$2.50 per 100.  
 Heliotrope, Blue, R. C., \$1.00 per 100.  
 Colcus, Alternanthera Red and Yellow, Heliotrope, Cligir Plant, Ageratum, Blue Verbena, 2 in. \$2.00 per 100.  
 Scarlet Sage, Bonanza, 2 in. \$2.00 per 100.  
 Cash with order.

GEORGE M. EMMANS, Newton, N. J.  
 Mention the American Florist when writing.

# PALMS, FERNS AND Decorative Plants

Rutland Rd. & E. 45th St.  
**JOHN SCOTT, BROOKLYN, N.Y.**  
 Mention the American Florist when writing.

# SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums  
 Carnations for fall delivery. Smilax, Violets  
 IN BEST VARIETIES.  
 Prices low. Send for list.

**Wood Brothers, FISHKILL, New York.**  
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# Boston Ferns...

**WHITMAN'S FERNS**  
 2½-in., \$5.00 per 100; \$40.00 per 1000.  
 260 at 1000 rate.  
 Magnolia, 2½-inch 15c each.

**HENRY H. BARROWS & SON, Whitman, Mass.**  
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A New Fern **Nephrolepis Giatrasii**  
 Awarded a Certificate of Merit by the Horticultural Society of New York.  
 Prices: In 2½ inch pots, \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000; 4 inch pots \$25.00 per 100; 25 plants at 100 rates; 250 plants at 1000 rates. Order delivered in rotation as received. Now Ready for Delivery.  
 443 Summit Ave.,  
**GEORGE GIATRAS, West Hoboken, N. J.**

# LOOK! SURPLUS OF

# Bedding Plants

## AT SLAUGHTERING PRICES

WELL GROWN. 100,000 of all descriptions are now at your disposal.

For Immediate Shipment. Now Ready.

**Cannas**, John D. Eisele (best improved. Per 100  
 red flowers, dark foliage). Kobusta (giant  
 crimson) and Exandale, bronze leaved:  
 Mme. Croix, green leaved F. anch variety.  
 medium size: Alb. Bouvier, Richard  
 Wallace, Austria (yellow), Mt. Blanc,  
 Maiden Blush, Crimson Bedder and a few  
 more good varieties. Our Cannas are  
 very large, strong 4 in. pots. some are 2 ft.  
 high. Price.....\$7.00

**Begonia Vernon and Erfordii**, 4 in. pots..... 7.00  
 3 in. pots..... 5.00  
**English Ivy**, 3 in., big as the 4 in. 3 in a pot. 10.00  
 2½ in. 5.00

**Lemon Verbenas**, 4 in..... 6.00  
**Scarlet Sage**, everybody's favorite. Clara  
 Bedner or Bonfire (in bloom). 4 in..... 6.00  
**Ageratum**, dwarf, best blue 4 in..... 6.00  
**Fuchsias**, assorted colors, 4 in..... 10.00  
**Fuchsias**, \$5.00..... 10.00  
**Double Petunias**, assorted, 4 in..... 6.00  
 2½ in. 5.00

**Geraniums**, for bedding purposes, S. A.  
 Nutt. b-st crims: n. Alfonso Ricard,  
 red: Mme. Buchner, double white.  
 2½ in. pots.....\$6.00 per 100  
 4 in. pots.....\$8.00 per 100  
**Honcus kile**, sweet scented. Halleana, 4 in.  
 10c 5 in. 15c each  
**Crimson Rambler Roses**, 6 in. pots..... 1.00 each  
 4 in. pots..... 50c 75c 1.00 each

**Clematis Patulata**, 5½ in. pots. 15 to 20 c each  
**Cobea Scandens**, 4 in. 10c each  
 3 in. pots.....\$4.00 per 100

## Second Consignment.

6,000 just received per Steamer Marquette from  
 Antwerp, Belgium, more coming, by next  
 steamer.

Warning—Do not be deceived. Now, as well as  
 for the last twenty-five years, we hold the ground  
 as leaders in importing, growing and shipping of  
 our specialty, the Araucarias.  
**Araucaria Excelsa**, **Robusta compacta**, **Glaucia**,  
 and **Palmis**, etc. Florists who all know we are  
 leaders for the last 25 years in importing, growing  
 and shipping of this so well known evergreen  
 decorative plant, the **Araucaria**, more in favor  
 than ever, from Atlantic and Pacific Ocean to  
 every florist our **Araucarias** is interesting, there-  
 fore no argument is needed for our goods. We  
 know what our cut-ners need, therefore we have  
 provided and sent across special specimen plants.  
 Spruce 1910 importation, lawns, porches, verandas,  
 bungalows, private summer residences, the  
 hotels and boarding houses on the seashore and  
 elsewhere this plant is one of the most desirable  
 evergreen decorative plants adopted for this above  
 mentioned purposes.

**Araucaria Excelsa**, raised from cuttings,  
 6-7 inch pots, 4 to 5 years old 5,  
 6 and 7 tiers 25, 28, 30, 35, 40 in. in  
 height.....\$1.00 \$1.25 \$1.50 \$2.00 \$2.50 each  
**Araucaria Excelsa Glaucia and Robusta**  
**compacta**, 6-7 in. pots, fine bushy  
 plants.....\$1.25 \$1.50 \$2.00 each  
**Araucaria Excelsa**, new importation,  
 out of 5, 5½, 6 in. pots, 2 to 3 years  
 old 3 and 4 tiers, 10 12 14, 16 18  
 and 20 inches high 40c \$5c 75c and \$1.00 each  
**Robusta Compacta Excelsa Glaucia**, 5½  
 in. pots.....\$1.00 to \$1.25 each  
**Kentia Belmoreana**, 4 year old, 30 to 35 inches  
 high, \$1.50.

**Kentia Forsteriana**, 4 year old, 30 to 35 inches  
 high, \$1.50

**Kentia Forsteriana**, 4 year old, 24 to 26 inches  
 high, 75c to \$1.00.

**Kentia Belmoreana**, 4 year old, combination or  
 made up of 3 plants, 26 to 28 inches high, \$1.00.  
 \$1.25 and \$1.50

**Kentia Belmoreana**, combination or made up of  
 3 plants, 3 year old 24 to 26 inches high, 75c to  
 \$1.00.

**Kentia Belmoreana**, 4 year old, 26 to 28 inches  
 high, \$1.00 to \$1.25.

**Kentia Belmoreana**, 4 in., 25c, 30c to 35c.

**Cocos Wedd. Iliana Palms**, made up of 3 plants.  
 4 to 5 in. pots, 30c, 40c and 50c; 3 in., 15c; large  
 2½ in., \$5.00 per 100.

**Asparagus Pumosus Nanus**, 2½ in., \$3.00 per  
 100 \$25.00 per 1000

**Asparagus Sprengeri**, 4 in., 10c; 2½ in., strong.  
 \$5.00 per 100.

## Ferns.

**Scottii**, very large selected specimen plants, 8 in.  
 pots, \$1.50

**Whitman and Scholzei**, 7 in. pots, \$1.00.

**Schozei**, 4 in., 20c.

Large 3 inch Boston, Whitman, Scottii, 15c to 20c.

**Crimson Rambler Rose Bushes**, 6 in. pots, 30,  
 35 and 40 in. high, 50c, 75c to \$1.00.

**Cosmos**, 3 plants in a 2½ in. pot, \$3.00 per 100.

**Torenia Fourieri**, 2½ in. pots, \$3.00 per 100.

Large African Marigold, in bloom, 3 in., 3c.

**California Giant Petunia**, 2 in., \$5.00 per 100.

**Solanum** or **Jerusalem Cherries**, choice large  
 6 in. plants, in bloom, but not berrad, 25c;  
 2½ in., \$3.00 per 100.

## In Small Plants

we have the following in 2½-in. pots,  
 at \$2.50 per 100:

**Verbenas**, assorted colors.  
**Phlox Drummondii**, dwarf and grandiflora.  
 French dwarf **Tagetes** (the queen of the Marigolds).

**Colcus**, Verschaffelti, Golden Bedder, Queen  
 Victor a fancy col. ss, 4c).

**Petunias**, Inimitable, Dwarf.

**Tradescantia**, two color.

**Thunbergia**, or Black Eyed Susan.

**Lobelia**, Cr. stal. pale blue, trailing.

**Centaurea Gyrocampa** (Dusty Miller).

**Pyrrhura Aureum** (Golden Feather), \$3.00  
 per 100.

**Kentia Worth Ivy**, 2½ in., 3c.

**Acalypha**, 2½ in., \$3.00 per 100.

**Summer Chrysanthemums**, 2½ in., 3c.

**Asters**, 3 separate colors, 2½ in., 3c; Giant  
 Moonoine, with flowers as big as a saucer very  
 fragrant and the earliest Moonoine in existence  
 for which we have a world-wide reputation for the  
 past twenty-five years; grows 5 ft. and over in  
 one season; over 25,000 are shipped every spring  
 all over America, South, north, west and east,  
 Mexico and Cuba, 2½ in. pots, \$5.00 per 100;  
 3 in., \$8.00 per 100; 4 in., \$12.00 per 100.

Don't forget that we are the growers and  
 shippers of **Ipomoea Notiflora**, the pure white  
 Moonoine, with flowers as big as a saucer very  
 fragrant and the earliest Moonoine in existence  
 for which we have a world-wide reputation for the  
 past twenty-five years; grows 5 ft. and over in  
 one season; over 25,000 are shipped every spring  
 all over America, South, north, west and east,  
 Mexico and Cuba, 2½ in. pots, \$5.00 per 100;  
 3 in., \$8.00 per 100; 4 in., \$12.00 per 100.

25 at 100 rates.  
 Cash with order, please.

All plants must travel at purchaser's risk.

# GODFREY ASCHMANN,

Wholesale Grower and Importer of Potted Plants. 1012 W. Ontario St., PHILADELPHIA, PA.

Mention the American Florist when writing.

# Ferns for Dishes

Per 100 Per 1000  
 2½ in. .... \$3.50 \$30.00  
 500 at 1000 rates. Cash with order

**FRANK OECHSLIN,**  
 4911 Quincey St., CHICAGO

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**HIGH CLASS PALMS**  
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 440 S. Dearborn St., CHICAGO.

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Alternantheras, food strong well-rooted cuttings, F. major, red 50¢ per 100; \$4 per 1,000. A. nana, yellow, 50¢ per 100; \$4 per 1,000. Brilliantissima, best red, 60¢ per 100; \$5 per 1,000. We also have a fine stock of ferns. R. E. Davis Co., Morrison, Ill.

Alternantheras, red and yellow, big strong, 2 1/2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmanus, Newton, N. J.

## ALYSSUM

Sweet Alyssum, 2 1/2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

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AMPELOPSIS ENGELMANNI, 4-in., \$2 per doz., extra strong plants at \$3 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

AMPELOPSIS VEITCHII, 4-in., \$2 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ampelopsis Veitchii, 4-in., not-grown, 30¢ each; \$3 per doz.; \$30 per 100. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias, For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Araucaria excelsa, 6-in., 24 ins., 5 tiers, 75¢. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

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ASTERS, Vick's Early Branching, Vick's Late Branching, Victoria Imp., all colors separate, Mikado and Vick's Royal Purple, good healthy plants from seed bed at \$2.50 per 1,000 in any quantity. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

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ASPARAGUS SPRENGERI, 2-in., \$2.50 per 100; 3-in., \$3 per doz.; \$6 per 100; 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000 (30¢ at 1,000 rate). GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, \$1.25 per 100; \$10 per 1,000; Sprenger, \$1 per 100; \$7.50 per 1,000. Plumosus, 2 1/2-in., \$2 per 100; Sprenger, 2 1/2-in., \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Hatcheri, 2 1/2-in., \$15 per 100; Sprenger, 4-in., \$10 per 100; 3-in., \$6 per 100; \$50 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

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Asparagus Sprenger, from 3-in. pots, 3 1/2-in. strong stock, J. L. Schiller, Toledo, O.

Asparagus Sprenger, 2 1/2-in., 2¢. Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus, seedlings ready now at \$1 per 100; \$10 per 1,000; \$40 per 5,000. Cash with order, please. Floral Hill Gardens, G. F. Neelp, Prop., Chatham, N. J.

Asparagus seedlings, Plumosus, 90¢ per 100; \$7.50 per 1,000. Sprenger, 60¢ per 100; \$5 per 1,000. Reiser Plant Co., Springfield, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Wettlin Floral Co., Hurnell, N. Y.

Asparagus plumosus nanus, 2-in., 2 1/2-in. J. L. Schiller, Toledo, O.

Asparagus plumosus, 2 1/2-in., 3¢. Mosbæk Greenhouse Co., Onarga, Ill.

ASPARAGUS PLUMOSUS, 2-in., \$3 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus, 2 1/2-in., \$3 per 100; \$25 per 1,000. Sprenger, 4-in., 10¢; 2 1/2-in., \$5 per 100. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Asparagus Sprenger, 2 1/2-in., \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

Asparagus plumosus nanus, seedlings, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprenger, 2-in., extra fine, \$1.75 per 100. Wagner Park Conservatories, Sidney, Ohio.

Asparagus Sprenger, 4-in., \$5 per 100; 2-in., \$1.50. A. M. Herr, Lancaster, Pa.

Asparagus Sprenger, 2-in., \$3.50 per 100. J. H. Dann & Son, Westfield, N. Y.

Asparagus plumosus and Sprenger plants, W. H. Elliott, Brighton, Mass.

## BAY TREES.

Bay trees, For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-in. crowns. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatories, Sidney, O.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock: Cannas, John D. Eisele, Egandale, Mme. Croxy, 4-in., \$3 per 100. Alph. Bouvier, R. Wallace, \$7. English ivy, 3-in., \$10 per 100; 2 1/2-in., \$5. Bezoncia Erford, 4-in., \$8 per 100; Vernon, 4-in., \$7 and \$8 per 100; 3-in., \$4. Louis Verbeek, 4-in., \$7. Scarlet sage, Bedman or Bonfire, 4-in., \$7. Ageratum, 4-in., \$7. Fuchsias, 4-in., \$7; 5-in., \$10. Petunias, dbl., 4-in., \$7. Lantanas, 4-in., \$7. Geraniums, Nutt, Ricard, Buchner, 4-in., \$7. Ivy geraniums, 4-in., \$6. Honeysuckles, Halleana, 4-in., 10¢; 5-in., 15¢ each. Clematis Rambler roses, 50¢ to \$1 each. Clematis paniculata, 5-in., 15¢ to 20¢ each. Cobea Scandens, 4-in., 10¢ each; 5-in., \$4 per 100. Small plants, 2 1/2-in., \$2.50 per 100. Verbenas, Pilox Drummond, dwf. and grandiflora; Dwf. Tagetes (Marigold); Colons Verschaffelt, Golden Bedder, Queen Victoria, 4¢; Petunias, Intuitible, dwf.; Sweet Alyssum Carpet of Snow or Little Gem; tradescantia; Thunbergia; Lobelia Crystallina; plant Geraniums; Centaurea Gypsophylla; Pyrethrum Aureum, \$3 per 100; Kenilworth Ivy, 2 1/2-in., \$3. Acalypha, 2 1/2-in., \$3 per 100. Plants, plant Geraniums \$3 per 100; \$25 per 1,000. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding plants: Abutilon Savitz, 2-in., 45¢ per doz.; \$3 per 100. Ageratum Little Blue Star, 2 1/2-in., 50¢ per doz.; \$3.50 per 100. Cobea Scandens, 4-in., \$1.75 per doz.; \$12 per 100. Coleus Golden Bedder, 2-in., 50¢ per doz.; \$3 per 100; John D. Eisele, 2-in., 50¢ per doz.; \$3 per 100; Geraniums, S. A. Nutt, 2 1/2-in., 60¢ per doz.; \$4 per 100; John Doyle, 4-in., \$1.25 per doz.; \$8 per 100. Moonvine, white, 3-in., \$1.25 per doz.; \$10 per 100. Salvia Drooping Spikes and Zurich, 2 1/2-in., 60¢ per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

Stock from 3-in. pots, \$4 per 100: Salvia Bonfire and Zurich; Ampelopsis Veitchii; Hardy English ivy, passion vine; From 2 1/2-in. pots, \$2.50 per 100. German ivy, Impatiens Holsti and Saltana; eupheas, snapdragons, Clematis maculata, Abutilon Savitz, Salvia Bonfire, lobellias, Eucyonius radicans, cosmos, Ionanthus, 2-in., \$3 per 100. Achyranthus, 2 vars., 2 1/2-in., \$3 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

Bedding stock, geraniums, 4-in., \$8 per 100; 3-in., \$5; 2-in., \$2.50; Salleri, 3-in., \$5; 2-in., \$2.50. Cannas, 2 1/2-in., \$4 per 100. Alyssum, dbl., 2-in., \$2 per 100. Ageratum, 2-in., \$2 per 100. Alternantheras, 2-in., \$1.50 per 100. Santolina, 2-in., \$2 per 100. Centaurea Gyn., 2-in., \$2 per 100. Vincas, 2-in., \$3 per 100; light, 3-in., \$5 per 100. I. N. Kramer & Son, Cedar Rapids, Ia.

Bedding stock, For varieties and prices see advertisement elsewhere in this issue. E. A. Parker, Highwood, Ill.

Bedding stock, geraniums, 2 1/2-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, pilox, alyssum, dusty miller, fuchsias, Asparagus Sprenger, smilax, 2 1/2-in., \$2 per 100; \$30 for \$3. J. C. Schmidt, Bristol, Pa.

Seasonable stock, For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr. & Sons Co., White Marsh, Md.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$30 per 1,000. Begonia Azaria, \$12 per 100. Begonia La Patrie (new) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias, Gloire de Lorraine, 2 1/2-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2-in., \$3 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonias, For varieties and prices see advertisement on front cover page, J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2 1/2-in., twice transplanted, \$12 per 100; in 500 lots, \$30 the 500. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Begonias in bloom, 2 1/2-in., 3¢; 3-in., 6¢. Mosbæk Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40¢ per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60¢ per doz.; \$4 per 100; \$35 per 1,000; Gladiolus, separate colors, 75¢ per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Bldg., Boston, Mass.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus, Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

Cannas, Egandale Marlborough, \$1.50. David Harum, \$2 per 100. J. H. Dann, Westfield, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CANNAS.** 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. Wilkinson Elliott, 200 Patry, 200 J. D. Cabos, 100 Louisiana, 100 Flamingo, 500 Allemania, 100 Alphonse Bouvier, 50 Pres. McKinley, 150 Elandale, 200 Crimson Redder, 50 Wm. Parmenter, 50 Express, 100 P. Crozy, 200 Mlle. Crozy, 50 David Harum, 300 Burbank, 100 S. A. Crozy, 100 Paul Marquant, 200 Mlle. Berat, 50 Partee, 50 Ed. Hess. All fine stock from 3-in. pots, \$4 per 100; 1,000 for selection for \$80. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

**Cannas.** For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

### CARNATIONS.

**Carnations,** strong, well branched fine plants, **APPLE BLOSSOM** (Grown and endorsed by Patten & Co. carnation specialists, Teikovsky, Mass.), **PINK DELIGHT**, 1,010THY (GORDON), Wanoka Greenhouses, Burnsville, N. Y.

**Carnation** Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

**Carnations.** Wood Bros., Fishkill, N. Y.

**Carnation** Bright Spot, N. Zweifel, North Milwaukee, Wis.

**Carnations.** F. Dörner & Sons Co., La Fayette, Ind.

**Carnations,** leading varieties. Chas. H. Totty, Madison, N. J.

### CHRYSANTHEMUMS.

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**CHRYSANTHEMUM ROOTED CUTTINGS.** **WHITE**—Estelle, Toust, Desjouis, **PINK**—Pacine Rosette, P. Ivory, **YELLOW**—Bonafant. Cremo, Halliday, Y. Jones—\$2.00 per 100; \$15.00 per 1,000.

**Pacific Supreme**, Edmond Albe, Baby Margaret, Mrs. Hurley, Yellow Baby, \$2.00 per 100, Cash or C. O. \$10.00 per 1,000.

**WM. SMITH, KENNETH SQUARE, PA.**

**Strong, clean surplus stock.** Pacific Supreme, Oct. Frost, Jennie Noun, Golden Glow, Ivory, Monrovia, Babies, White, Pink and Yellow, 2½-in., \$1.75 per 100. I grow 30,000 for market and have a choice yellow "no name," early as Supreme, easy doer; good shipper; try it at \$2.50 per 100. W. D. Oviatt, 520 Highland Ave., Rochester, N. Y.

**Chrysanthemums,** Estelle, Polly Rose, Oct. Frost, Ivory, Glory Pacific, P. Ivory, M. Bailey, G. Glow, Bonafant, \$1.25 per 100; \$10 per 1,000. D. H. Green, Boonshoro, Md.

**Chrysanthemums.** For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

**Chrysanthemums.** For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

**Pacific Supreme,** R. C., \$2 per 100; \$15 per 1,000; 2½-in., \$2.50 per 100; \$20 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

**Chrysanthemums,** plants out of soil, Pink and White Ivory, \$2 per 100. Weiler Bros. 162 N. Wabash Ave., Chicago, Ill.

**Mum stock plants,** 4c. F. A. Hanselman, Boulder, Colo.

**Chrysanthemums,** novelties and standard varieties. Chas. H. Totty, Madison, N. J.

**Chrysanthemums,** leading vars. Wood Bros., Fishkill, N. Y.

### CASTOR BEANS.

**CASTOR BEANS.** 4-in., \$1 per doz. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

### CINERARIAS.

**Cinerarias,** Stellata, dwarf hybrid grandiflora, 2½-in., \$2.50 per 100; 3-in., 4c. Mosbark Greenhouse Co., Onarga, Ill.

### CLEMATIS.

**Clematis,** 2-year plants, \$3 per doz. Panclafata, 4-in., \$10 per 100; 3-in., \$5 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

**CLEMATIS DUCHESS OF EDINBURGH,** 6-in., \$4 per doz. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

**CLEMATIS JACKMANI,** 6-in., \$1 per doz. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

### COBEAS,

**Coea Scandens,** 3-in., 4c; 4-in., 10c. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

### COLEUSES.

**Coleus,** best bedders, large 2½-in. plants, \$1.50 per 100; \$12 per 1,000. C. Humfeld, Clay Center, Kans.

**Coleus,** standard varieties, 2½-in., \$2 per 100. Mosbark Greenhouse Co., Onarga, Ill.

**Coleus,** 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

### CROTONS.

**CROTONS,** 2½-in., \$1 per doz. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

**Crotons,** 10 vars., 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

### CYCLAMENS.

**CYCLAMEN.** Best varieties in different colors. Strong plants, \$10 per 100; \$85 per 1,000. Julius Roehrs Company, Rutherford, N. J.

**Cyclamen,** best giant commercial strain. S. separate colors or mixed, 2-in., 4c. J. L. Schiller, Toledo, O.

**Cyclamen,** well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

**Cyclamens,** 2½-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

### DHALIAS.

**Dahlia Dorothy Peacock.** See advertisement elsewhere in this issue. Peacock Dahlia Farms, Westmown Junction, N. J. P. O. Berlin, N. J.

### DAISIES.

**Giant Double Daisies,** mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

### DRAENAS.

**Draena indivisa,** 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

**DRAENA MASSANGANA,** 5-in., \$1.25 each. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

**DRAENA FRAGRANS,** 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

**Draena** Fragrans, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz. THE WITTOLD Co., Edgebrook, Chicago, Ill.

**Draena** Indivisa, 2-in., 2c; 2½-in., 2½c; 3-in., 3c. J. H. Dann & Son, Westfield, N. J.

**Draena** Indivisa, 4-in., \$10 per 100. Geo. M. Edmuns, Newton, N. J.

**Draena** Indivisa, 2½-in., \$2.50 per 100. Henry Daut, Decatur, Ill.

### FERNS.

**Ferns,** Scotti, 8-in., \$1.50; 7-in., 75c to \$1. Whitman and Scholze, 7-in., 2c. Giatsrasi, 5-in., 30c to 40c; 4-in., 20c and 30c. Large 3-in. Boston, Whitman, Scotti and Giatsrasi, 10c to 20c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

**Ferns** Nephrolepis, Giatsrasi, 2½-in., \$2 per doz.; \$12 per 100; \$100 per 1,000; 4-in., \$25 per 100. George Giatsrasi, 463 Summit Ave., West Hoboken, N. J.

**Ferns,** mixed for dishes, 3-in., 50c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

**Ferns,** Boston, 3-in., 8c; 8-in., \$1; 10-in., \$1.25; 12-in., \$1.50 each. Mosbark Greenhouse Co., Onarga, Ill.

**Ferns,** Boston, 3-in., \$8 per 100. Reeser Plant Co., Springfield, O.

**Ferns,** Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

**Ferns** for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechlin, 4911 Quincy St., Chicago.

**Ferns,** John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**Ferns,** Boston, 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

**Ferns,** Bobbink & Atkins, Rutherford, N. J.

**FERNs FOR DISHES,** 2-in., \$3 per 100; \$25 per 1,000. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

**Ferns,** Boston, 3-in., \$1 each. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

**Adiantum Farleyense,** 2½-in., \$15 per 100. J. A. Peterson, Westwood, Cincinnati, O.

### GERANIUMS.

**Nice young stock** from 2½-in. pots, Nutt, Grant (double), Potevine, Buchner, \$2 per 100; \$17.50 per 1,000. Cash. The W. T. Buckley Co., Springfield, Ill.

**Geraniums,** standard varieties, 2½-in., \$3 per 100; \$25 per 1,000; 3-in., 5c. Mosbark Greenhouse Co., Onarga, Ill.

**Geraniums,** Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vind, Carlisle, Potevine, Janlin, Richard Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

**Geraniums,** nice stock plants, bud and bloom, S. A. Nutt, Ricard, Potevine, Buchner, 4-in., \$7 to \$8 per 100. Good plants, guaranteed. Cash with order. Gus Schlegel, Olney, Ill.

**Geraniums,** R. C. Nutt, Ricard, Potevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

### GREENS.

**Greens,** dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-in. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

**Greens,** southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

**Greens,** evergreen, fancy and dagger ferns, bronze and green galax, Geo. Cotsonas & Co., 50 W. 25th St., New York.

**Greens,** wild smilax and decorative greens, George M. Carter, Evergreen, Ala.

**Loretta,** \$1.50 per case. Henry M. Robinson & Co., McMillans, Ala.

### HARDY PLANTS.

**Herbaceous plants.** Bobbink & Atkins, Rutherford, N. J.

**Water lilies.** Wm. Tricker, Arlington, N. J.

### HELIOTROPES.

**Heliotrope,** 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

### HYDRANGEAS.

**Hydrangea** Souvenir de Claire, the new by-product of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

**Hydrangea** Avalanche, 2½-in., pots, 50c each; \$3.50 per doz.; \$25 per 100. W. T. Smith Co., Geneva, N. Y.

**Hydrangeas.** For varieties and prices see advertisement on front cover page. F. H. Pierson Co., Tarrytown-on-Hudson, N. Y.

### JUMPING BEANS.

**Mexican Jumping Beans.** Live beans that continue to jump for weeks; the greatest wonder of the bean world and a counter trade, \$10 per 100, \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

### LILACS.

**Lilacs,** Jas Smits, Ltd., Naarden, Holland.

### LILY OF THE VALLEY.

**To Import.** Lily of the valley. Jas Smits, Ltd., Naarden, Holland.

**Lily of the valley.** Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

**Lily of the valley,** cold storage pips, case of 1,000, \$5 per case; 3,000, \$36. J. M. Thorburn & Co., 33 Barclay St., New York.

**Lily of the valley.** H. N. Bruns, 3038-42 W. Madison St., Chicago.

### LOBELIAS.

**Lobelias,** Crystal Palace and White, very strong, 2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

**LOBELIAS,** 2-in., \$18 per 1,000. GEO. WITTOLD Co., Edgebrook, Chicago, Ill.

### MOONVINES.

**Moonvines** (Ipomoea noctiflora), 2½-in., \$5 per 100; 3-in., \$8; 4-in., \$12. G. Aschmann, 1012 W. Ontario St., Philadelphia.

### MUSHROOM SPAWN.

**Write for samples and attractive figures** on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spawn Co., Lockport, N. Y.

**Mushroom Spawn.** Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.

### NURSERY STOCK.

**Nursery stock,** evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

**Nursery stock.** Willett & Wheelock, North Collins, N. Y.

**Nursery stock,** large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

### ORCHIDS.

**Orchids.** Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

**Orchids,** leading vars. John De Buck, care Maltus & Ware, 14 Stone St., New York.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

### PANDANUS.

PANDANUS UTILIS, 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pandanus Veitchii, \$1 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

### PANSIES.

PANSIES, giant, transplanted, field-grown, in bud and bloom, in good assortment of the finest strains at \$1 per doz., \$9 per 1,000. Special price on 5,000 lots and over. E. Rawlings, Wholesale Grower, Olean, N. Y.

### PALMS.

Palms, Phoenix Rec., 4-in., 25c each, \$3 per doz.; \$20 per 100. Lantana Bore, 3-in., \$8 per 100; \$80 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

KENTIA BELMOREANA and FORSTERIANA, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3.61 per doz.; 5-in., \$5 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

LANTANA BORONICA, 3-in., \$c each; \$1 per doz.; \$8 per 100; 4-in., \$3 per doz.; \$20 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

PHOENIX RECLINATA, 4-in., 25c each; \$3 per doz.; \$20 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms, For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

Palms, For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

PHOENIX ROEBLENI, 6-in., \$2.50 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### PEONIES.

Peonies, all vars. Jas Smits, Naarden, Holland.

Peonies, all standard varieties. The Good & Reese Co., Springfield, O.

### PEPPERS.

CHRISTMAS PEPPERS, 2-in., \$3 per 100; 3-in., \$8 per 100; 4-in., \$12 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### PHLOX.

Phlox, 15 vars., R. C., \$1.25 per 100 by mail, \$100 per 1,000 by express. A. M. Herr, Lancaster, Pa.

### POINSETTIAS.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Sheldyke & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, 2½-in., \$6 per 100. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

### PRIMULAS.

Primulas from 2-in. pots, frame grown, no better strains in existence. Chinsensis, the best giant fringed, 12 separate colors, or mixed. 2c. Obconica grandiflora, Ronseletier and Lattmann, unrivaled hybrids, 14 colors or mixed, 2½c. Obconica gigantea, 3 colors or mixed, 3c. Ready June 20. J. L. Schiller, Toledo, O.

Primroses, Jos. H. Cunningham, Delaware, O.

### ROSES.

#### ROSES.

|                      |          |            |
|----------------------|----------|------------|
| Bride, 2½-in.        | Per 100. | Per 1,000. |
| Uncle John, 2½-in.   | 3.00     | 25.00      |
| Mrs. Jardine, 2½-in. | 3.00     | 25.00      |
| Richmond, 3-in.      | 2.00     | 40.00      |

WETTOR BROTHERS, Chicago.

#### ROSE PLANTS.

|                    |          |            |
|--------------------|----------|------------|
| 3-in.              | Per 100. | Per 1,000. |
| 1,100 Mrs. Jardine | \$4.00   | \$35.00    |
| 1,100 Richmond     | 4.00     | 35.00      |
| 400 My Maryland    | 4.00     | 35.00      |
| 400 Pink Killarney | 4.00     | 35.00      |

Siemer Bros., Chicago, Ill.

\$2.50 E. Randolph St., Chicago, Ill.

Roses, strong clean stock, own roots, Brides and Bridemaids, \$7 per 100. Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. P. R. Quinlan, Syracuse, N. Y.

Rose, 2½-in., Am. Beauty, \$5.00 per 100; \$50 per 1,000. Bride and Maid, Chatsen, \$3 per 100; \$28 per 1,000. Am. Beauty, 3-in., \$7 per 100; \$60 per 1,000. Bride and Maid, 3-in., \$4.50 per 100; \$40 per 1,000. Chatsen, 3-in., \$4 per 100; \$35 per 1,000. United States Cut Flower Co., Elmira, N. Y.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000. 2½-in., \$5 per 100; \$45 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses, Perles, 4-in., \$8 per 100; 2½-in., \$5. Grafted Maryland, 3-in., \$10 per 100; Grafted Pink Killarney, 3-in., \$12. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Roses, For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

Roses, Killarney and White Killarney, 2-in., \$1 per 100; 3½-in., \$5; Maryland, 2½-in., \$3 per 100. Castle Grove Greenhouses, Danville, Pa.

BABy RAMBLER roses, Standards, 7-in. pots, 3 feet stems, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

LADY GAY or PINK BABY RAMBLER, strong, 7-in., \$5 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

DOROTHY PEIRKINS, 4-in., \$2 per doz; 5-in., \$3 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, 3,000 good American Beauty Plants, 2-in., \$50 per 1,000. Weitor Bros., 162 N. Wabash Ave., Chicago, Ill.

Roses, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses, For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding, H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses, Kaiserin, Rhea Reid, Killarney, Bon Safran and Safran, W. H. Elliott, Brighton, Mass.

Roses, For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses, Leedle Floral Co., Springfield, O.

### SALVIAS.

Salvia, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvia, 4-in., \$8 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Salvia Splendens, 2½-in., 2c. Mosbæk Greenhouse Co., Omgars, Ill.

### SEEDS.

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars.; melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seed, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beef, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan Mich.; Slater Bay, Wis.

Seeds, Brown's Giant Parsley, ½ oz. \$1; ¼ oz. \$1.50; ½ oz. \$2.50; oz. \$5; ¼ lb. \$14; ½ lb. \$25; 1 lb. \$50. Peter Brown, Lancaster, Pa.

Seeds, Roemer's Superb Prime pansies. Fred. Roemer, Quedlinburg, Germany.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip, Chr. Olsen, Odense, Denmark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

Onion seed, N. J. Westmann, Beuchel, Ky.

#### Contract growers.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, N. Y.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, Cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbenas. Waldo Rohrbert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, field, garden and flower. Rontzahn Seed Co., Arroyo Grande, Calif.

For Southern Seeds—Headquarters. N. L. Willet Seed Co., Augusta, Ga.

Seeds, beans, Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Growers for the wholesale trade only. Brasilian Seed Growers' Co., San Jose, Calif.

### SMILAX.

Smilax, strong from 2-in. pots, 2c. J. L. Schiller, Toledo, O.

SMILAX, 10,000 fine strong 2½-in. plants, \$2 per 100; \$17.50 per 1,000. Immediate shipment. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Smilax, \$1.50 per 100; \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax, Wood Bros., Fishkill, N. Y.

### SNAPDRAGONS.

Snapdragons, white and pure pink, best seller of all snapdragons, 2½-in., \$2 per 100; \$18 per 1,000; 3-in., \$3 per 100; \$24 per 1,000. Cash. Clement S. Levis, Aldan, Del. Co., Pa.

### STEVIA.

Stevia, R. C., \$1 per 100; 2-in. pots, \$2.50 per 100. Jas. J. Curran, Supt. Castle Grove Greenhouses, Danville, Pa.

Stevia, 2-in., 2c. F. A. Haenselman, Boulder, Colo.

### SPIREAS.

Spiraea, J. Smits, Ltd., Naarden, Holland.

### STOVE PLANTS.

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

### SWAINSONA.

Swainsona alba, strong, 2½-in., \$8; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

### VEGETABLE PLANTS.

VEGETABLE PLANTS. Cabbage: Chas. Wakefield, succession and Danish Ball Head, \$1 per 1,000; \$7.50 per 10,000. Lettuce: Grand Rapids and Big Boston, \$1 per 1,000; \$7.50 per 10,000. Cauliflower: Henderson's Early Snowball, equal to transplanted, \$2.50 per 1,000. Tomatoes: Transplanted, \$3 per 1,000. Our plants are in excellent shape and well hardened in cold frames. Careful packing, prompt shipment. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Vegetable plants: Cabbage, Wakefield. All head, succession, etc., \$1 per 1,000; 10,000 and over, 8c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 8c per 1,000. Beets: Crosby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cabbage plants, lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

### VERBENAS.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

### VINCAS.

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid, by express, \$3.00. Chas. Frost, Acworth, N. J.

Vincas, flowering, in bud and bloom, 2½-in., 2c. 5-in., 3½c. Mosbæk Greenhouse Co., Omgars, Ill.

### VIOLETS.

Violets, Dorsett, best single bloomer and Marie Louise, 1c. F. A. Haenselman, Boulder, Colo.

### BOILERS.

Boilers, The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard, The Superior Machine & Boiler Work, 550 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1294 Metropolitan Ave., Brooklyn, N. Y.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 5503 Shields Ave., Chicago.

Boilers, all sizes, Kroeschel Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

Boiler dues, 4-in. and other sizes, H. Munson, 601 N. State St., Chicago.

### INSECTICIDES.

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. L. H. Hoff Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and Fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.



## Mr. E. L. Glaser, of Glencoe, Ill.,

### Builds One of Our Curved Eave Greenhouses

Built it, because it appealed to his sense of the practical. And when you come to think of its having an indestructible steel frame that, although amazingly light, is rigid and enduring, you at once see where its practical side as an investment comes in. To this add its undoubted increased productiveness over other types of construction and its down right attractiveness, and you have an ideal greenhouse.

Such is our Curved Eave construction.

Send for catalog and know still more about it.



## Lord and Burnham Co.

Factories: Irvington, N. Y. and Des Plaines, Ill. New York Boston Philadelphia Chicago  
St. James Building. Tremont Building. Franklin Bank Bldg. Rookery Bld

Insecticides. Aphloe, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Al-pine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Soothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphus Punk, \$6.50 per case of 12 paraffined boxes.

### GLAZING POINTS.

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, 5c and 7c, 40c per lb.; 10c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburgh, Pa.

### GREENHOUSE CONSTRUCTION.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1179 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. Klug Construction Co., N. Tonawanda, N. Y.

### GUTTERS

Gutters. Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

### MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Model extension carnation support; galvanized rose stakes. Igloe Bros., 208 N. 9th St., Brooklyn, N. Y.

Daylite glass cleaners, for prices see advertisement elsewhere in this issue. Anderson Specialty Co., 4048 Calumet Ave., Chicago.

Thomson's manure, for vines, plant and vegetables. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

## R. C. Whitsett Coal and Mining Co.

Long Distance Phone 8032  
537 South Dearborn St., CHICAGO.  
We Mine and Ship the Following High Grade Coal:  
**SUNSHINE INDIANA BRAZIL BLOCK COAL FOR WEST VA. SPLINT**  
**Pocahontas YOUNGBOOMY SOUTHERN ILLINOIS**  
Write us for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.  
**IMMEDIATE OR SUMMER DELIVERIES.**

Coal, Pocahontas, Northern States Coal and Mining Co., 342 S. Dearborn St., Chicago.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Superior Carnation Staple, 1,000 for 50c. F. W. Waite, 293 Main St., Springfield, Mass.

Peerless Sulphur Blower, \$4. McMorran & Co., 122 N. Clinton St., Chicago.

Florists' Supplies of all kinds. J. Jabnsky, 19 Province St., Boston.

The Kleinschmidt Seed Grader, 1. Kleinschmidt, 21 Builders Exchange, Buffalo, N. Y.

Cut flower and design boxes, all sizes. C. C. Polworth Co., Milwaukee, Wis.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Seed packets. The Brown Bag Filling Machine Co., Fitchburg, Mass.

Gummed gold, silver and purple letters. J. Liechtenberger, 1564 Ave. A, New York.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Belgiano & Son, Baltimore, Md.

Masties for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

### POTS, PANS, ETC.

The Red Pot. C. C. Polworth Co., All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33, Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

### RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

### STAKES.

Cane Stakes, Standard grade, 6 to 8 feet, per 100, 85c; 500 for \$3; \$5.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes, Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

## Wanted---1000 Florists TO USE OUR Pocahontas Coal

We have made a specialty of catering to the florists' trade. We have pleased others. We can please you. Write us before ordering. We can give you what you want if you will ask for it.

**Northern States Coal & Mining Co.**  
406 Fisher Bldg., 343 S. Dearborn St., Chicago  
Phone Harrison 6753.

Mention the American Florist when writing

## The Best Color Chart

For Florists, Seedsmen  
and Nurserymen.

ERFURT, GERMANY, May 9, 1911.  
AMERICAN FLORIST Co.,  
Chicago, U. S. A.

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Mathews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly, ERNST BENARY.  
Published and For Sale by the  
American Florist Co., 440 S. Dearborn St.  
CHICAGO  
PRICE ONE DOLLAR, POSTPAID.

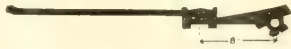
Ventilating Apparatus **ADVANCE** Twistless Arms



Note that the distance from the center of the shafting pipe to the center of the rod rivet, when the arm is at right angles, is only 7 1/2 inches.



Note that when the arm is closed, that it has an 8-inch throw.



Note that when the arm is open, that it has a 8-inch throw.



Note the simple construction. One bolt securely fastens it to the shafting pipe. Easy to set up. Free from rust.

Our Twistless Arm is fully protected, a patent having been allowed us on the construction of the parts that clamp to the shafting pipe, and a patent pending on the construction of the rod bracket.

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|-----------------------------------------------------|---------|----------------------------------------------|--------|
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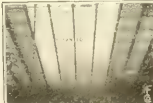
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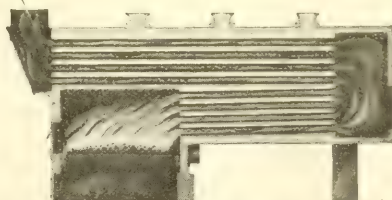
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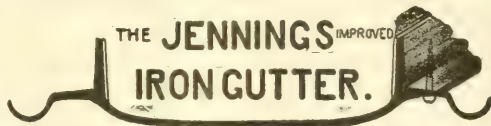
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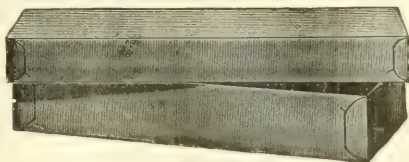
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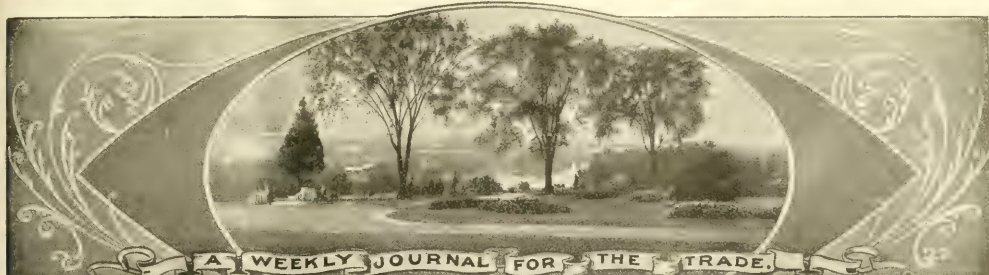
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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JULY 1, 1911.

No. 1204

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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PUBLISHED EVERY SATURDAY BY

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440 S. Dearborn St., Chicago.

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Registered Cable Address: Ameflo, Chicago.

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in dealing with their customers, illustrating as  
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## SUGGESTIONS FOR PLANT GROWERS.

### Pot Grown Roses.

The hybrid perpetual or rambler  
roses after blooming if desired to force  
another year, in order to bloom them  
early should be grown in pots during  
the summer. They can be pruned back  
after blooming and lifted, or if in pots  
should be repotted. This will require  
a good, strong soil, composed of two-  
thirds loam and one-third manure.  
When potting be sure to give good  
drainage and pot firmly, ramming the  
soil down hard. It is impossible to  
grow roses successfully in a loose soil.  
The plants should be plunged to rim  
of the pot outside where they can be  
freely watered. Avoid, if possible, plac-  
ing them against the greenhouse or  
other building or against a fence, but  
plant them where they will have a  
free circulation of air and can be  
sprayed from either side. If planted  
against a building or in close quarters,  
they frequently become infected with  
red spider during the hot weather and  
it is nearly impossible to get rid of  
them.

### Asparagus Plumosus and Sprengeri.

It is a good time now to plant, reset  
or renew the soil of asparagus beds  
either plumosus or Sprengeri. If the  
beds are to be set out with young stock  
preparation should be started at once.  
Asparagus plumosus does better in  
solid beds, well drained, with a good  
rich compost about two feet deep.  
The plants should be set 12 to 15 in-  
ches apart and the shoots be given  
strings upon which to climb as soon  
as they begin to grow. But little cut-  
ting should be done the first year as it  
is necessary that the plants become  
well established. The old beds should  
be given a good mulch of half-decayed  
manure, and if possible, without injury  
to the roots, removing the top soil.  
Asparagus Sprengeri can be success-  
fully grown in the bench, but also re-  
quires a good rich soil. The young  
stock the first year should be planted  
10 to 12 inches apart, and will pro-  
duce many stems that can be cut. The  
beds that have produced this year will  
require a renewal of the soil. It is  
better to replant than to try to renew  
the soil in the bench. The plants are

great feeders and the bench is gener-  
ally full of roots after a year's growth  
and it will be found difficult to keep  
the bench watered during the spring  
of the second year. If the plants are  
too close together they can be given  
more space in resetting, good large  
plants will do better if set about 15  
inches apart. If a mulch is attempted,  
care should be taken to use no fresh  
manure but manure that is well rot-  
ted. The ammonia that arises from  
fresh manure will affect the plants,  
turning the foliage light, and in severe  
cases the foliage will become nearly  
white, making it worthless.

### Dry Culture.

From all parts of the country come  
reports of the excessive drought, which  
will necessarily increase the labor of  
the growers who would obtain a good  
growth on the plants in the field. Much  
can be done to conserve the moisture  
in the soil and in such seasons it amply  
repays for the labor. Keep the hoe  
going all the time and have a light  
mulch of soil around the plants, which  
will prevent the rapid evaporation of  
the moisture on the bright hot days.  
Many growers seem to be afraid to  
stir up the soil during a dry spell. This  
is a great mistake, the experience of  
the growers in the arid sections show  
what can be done by "dry farming."  
If the grower is fortunate enough to  
have a good shower, be sure to run  
the wheel hoe over the ground as soon  
as it can be successfully done, in order  
to lighten the soil up and keep all the  
moisture in the ground that is possible.  
A mulch of straw or half decayed ma-  
nure will greatly assist the sweet peas,  
and a good mulch of manure will be of  
great benefit to the dahlias. During  
such dry weather as a rule, weeds are  
not over troublesome, but there are a  
few kinds that revel in such weather,  
purslane (the despised "pussy") will  
make rapid growth during hot weath-  
er, and rob the soil, not only of its  
richness, but of the moisture, and  
many of the low wiry grasses make  
rapid growth during the hot spells.  
These should all be hoed out before  
they get much of a start. Constant  
hoeing and judicious mulching will  
carry many a crop successfully through



a long drought and is much better than insufficient watering, after the ground has become dry.

#### Mignonette.

To be able to cut fine spikes of mignonette in early winter will require an early start and although it demands care and attention to germinate small seeds during hot weather, yet it will be necessary to sow seed early in July in order to have a cut in by the holiday season. A north propagating house is one of the best locations for the sowing of seeds in summer. Mignonette does not transplant from the seed flats successfully, so it is better to sow it in 2½-inch pots, five or six seeds to a pot, which can be thinned out to one or two plants as soon as they are large enough to select the strongest. Some growers prefer to sow the seed in hills in the bench, but to grow the large spikes of this flower requires a soil very heavily manured, and the constant watering often sours the soil before the plants have pushed out roots enough to absorb the water. As soon as the plants have attained a height of two or more inches the tip should be pinched or rubbed out, that the plant will branch, and again later these branches will have to be pinched off, until there are six or eight good, strong shoots. The plants will grow in most any kind of good soil, but to get the best the compost should be about one-half partly decayed manure well mixed in the soil and this will produce splendid spikes of bloom. After the plants begin to form their leaves a careful watch must be kept for the cabbage worm; these worms are very fond of mignonette and are voracious eaters, and soon denude the plant. They are a little difficult to find, being of the same color as the leaf, but are generally found along the midrib of the leaf or on the stem. Growers who cultivate large quantities of this crop screen their ventilation with mosquito netting to keep out the moth which lays the eggs. The plants should be set about one foot apart in the bench and staked or tied in some suitable manner to keep the stems straight and erect.

#### Marguerite Nicholson's White.

The marguerite has become a very popular flower the last few years, being used extensively in table decorations and basket work. In the Boston market Nicholson's White, which we illustrate, has been noted as the best offered for sale in that city. It is grown by William Nicholson of Framingham, who cultivates it extensively. As will be seen, the flower is very large yet not coarse and it is a good producer, the plants being full of flowers all the winter. Mr. Nicholson grows his plants in pots, they being in 9-inch and larger sizes during their blooming season, and after they begin to bloom are liberally fed, and the house is a sight worth seeing when in full bloom.

MINNEAPOLIS, MINN.—By the proclamation issued by Mayor Haynes, Saturday, June 17, was named as "Flower Day" and the day as outlined by the edict was to be one on which vacant lots, lawns, school grounds, and every piece of property not used for other purposes be planted with flowers. In the proclamation was written, "I predict that Minneapolis during the civic celebration week will be a pride to us all and a wonder to our visitors."

## THE RETAIL TRADE

Conducted by Robt. Kliff, Philadelphia, Pa.

### The Standing Wreath.

SEE SUPPLEMENT WITH THIS ISSUE.

Of all the designs that the florist arranges for funerals, with no other can the display be made with such a proportionately small amount of material as can be produced with the standing wreath. It not only has all the excellent features of the ever popular wreath, but also the added beautiful base to give it the proper setting. It stands high enough to make a fine showing and no matter where placed in an arrangement of designs and other flower pieces is always conspicuous and attracts attention. The wreath can be made of all the seasonable flowers that are obtainable by the designer, and can be made beautiful with any of the choicer flowers, therefore the florist is not restricted in any way; either short stemmed or long stemmed flowers may be employed, the only difference being in the style and make up of the design. The most artistic designers at the present time seldom use many varieties in the same design, generally making the wreath of one flower entirely, sometimes using two, with each arranged in a section by itself. Some beautiful combinations and contrasts are developed in arranging the wreath in this manner. Roses and lily of the valley make a very beautiful floral piece, the lily of the valley being arranged in spray form on one of the lower sides and across the bottom. Orchids instead of lily of the valley or a combination of the two are equally beautiful. These

combinations give to the designer an opportunity to display his best ability.

The base also is capable of being treated in many different ways and add considerably to the general appearance of the design. The back should be of galax or other suitable foliage and this can be brought around the front with a few prominent flowers arranged to relieve the sameness, or the front made of any of the large prominent flowers backed with cypress and other greens. It is far better not to attempt to hold to the cone-shaped form of the base, but make a fitting foundation for the large wreath. A spray of asparagus or smilax wound around the stand which supports the wreath and also around all wires that are not covered gives the design the proper finish. The design which we illustrate is a beautiful piece of workmanship, the wreath being of cattleyas and the base appropriate greens relieved by a few sprays of *Lilium longiflorum* and *Lilium auratum*, the handsome bow of ribbon finishing the design in a proper manner.

### Fertilizers for the Florist.

Paper read by H. B. Dörner before the Illinois State Horticultural Society.

"A fertilizer is any substance which when added to the soil adds directly or indirectly to the amount of nutritive substances available to the plants growing in that soil." However, to better understand the role that fertilizers play in the growing of plants one should understand what elements are necessary for the development of the plant itself. Among the elements necessary for plant growth are carbon, oxygen, hydrogen, sulphur, potassium,



MARGUERITE NICHOLSON'S WHITE.

phosphorus, calcium, magnesium, iron, chlorine, sodium and silicon. Although the last three are found in nearly all plants, the plants will grow without them. The question then arises as to where the plant secures these elements. With the exception of carbon all are taken from the soil. The soil then is the source of all the mineral elements which are represented by the ash of the plant. All this mineral food-stuff is taken up in solution through the minute root-hairs of the plant.

The carbon which is used in building up food substances which are later used in the construction of plant tissues is taken through the breathing pores of the leaves and other green parts of the plant. Carbon is taken up in the form of carbon dioxide, is decomposed by the energy of sunlight acting on the chlorophyll bodies of the living cell; the carbon and part of the oxygen are combined with other elements to form foods and the remainder of the oxygen is given off to the air. As carbon-dioxide is always present in the air there is no need to worry about the source of the supply of this food stuff. To give the plants a sufficient supply means merely good ventilation. It is well to study the role of some of the more important mineral elements.

Nitrogen is necessary for cell building or growth. It is specifically directed to increasing the vegetative parts. An excess of nitrogen tends to make the plant grow for too long a period, forming more leaves and shoots and retarding the development of the flowers and seeds. It also tends to deepen the color of the leaves.

Phosphorus is necessary for the formation of protoplasm and tends to increase the ripening process and particularly seed formation. It thus causes an early ripening of the crop.

Potassium is necessary for the formation of carbo-hydrates such as sugar and starch and plays an important part in the development of the wood and in the fleshy parts of the fruit.

Magnesium is a constituent of chlorophyll.

Calcium is present in all plants and serves to neutralize the acids formed during growth.

Iron is necessary for the formation of chlorophyll and its absence produces chlorosis.

All these elements are found in the soil in varying quantities but three of them, notably nitrogen, phosphorus and potassium, are used in such large quantities that they are likely to become exhausted. These, then, must be added from time to time to secure the best developments. Also to get the best results they must be in the proper proportion. The effect of the presence in insufficient quantity or absence of the necessary elements entirely is perhaps best expressed by the law of minimum: "The nutrient present in the soil in minimum quantity gives a standard for the amount of production as a whole" or in other words the limited element determines the size of the crop. The availability of an element also affects the growth of the plant. The availability is determined by the form in which it is found in the soil.

Fertilizers are of two general types known as natural manures and artificial fertilizers. By natural manures are meant the cleanings from cow barns, horse stables, hen coops, etc.,

mixed with decaying vegetable matter of various kinds. Natural manures when added to the soil serve two functions: first, add to the supply of the elements necessary for growth and, second, improve the physical properties of the soil. Those soils that are clayey and compact are made more open and porous by the separation of the particles so that air and water can enter more freely thus acting directly on the insoluble constituents. The roots of the plant can also penetrate more readily. Those soils that are light are also benefited by the filling the spaces between the particles and making it more compact. Artificial or commercial fertilizers, on the other hand merely add to the fertility without making any great change in the physical properties of the soil. This is not always true as a few are sometimes injurious if used by themselves. It must also be kept in mind that bacteria do much to increase the fertility of the soil by making many of the insoluble compounds soluble. To give these helpful forms the best chances for development the soil must contain decaying organic matter. It is well, then, to keep in mind that a small quantity, at least, of natural manure should be added to our greenhouse soils.

In the past the tendency has been to use nothing but natural manures but their scarcity in the present day has made it necessary to add commercial fertilizers to the florist's list. Of the natural manures the two that are in most common use are barnyard and stable manures. These differ somewhat in character. Barnyard manure is a cold manure and ferments rather slowly so that there is less danger in its use when it is not thoroughly decayed. Stable manure on the other hand is a warm manure, fermenting rapidly and giving a high temperature which is injurious to plant growth. Sheep manure is used in a dry state and is somewhat stronger than cow manure. It also heats on fermenting and so caution should be observed in its use. It should, then, be used in much smaller quantities than decayed manures. Hen manure is a highly nitrogenous manure and should be used in very small quantities. Cattle manure is now put upon the market in a dry form and is much used for mulching purposes. It should be kept in mind that this manure differs somewhat from ordinary barnyard manure in that it has little foreign matter mixed in it. This makes it stronger and so should be applied in smaller quantities.

Commercial fertilizers or chemical fertilizers, as they are also called, are used merely to supply nitrogen, phosphorus and potassium and so naturally fall into three groups. Of those bearing nitrogen there are several of importance in greenhouse work. Dried blood which should contain 14 to 15 per cent nitrogen is insoluble and so must decompose first before the nitrogen is available. This makes a good form both for incorporating with the soil and also for a mulch. Sodium nitrate is the only nitrogen salt that can be used in solution as all the other soluble salts of nitrogen become fixed as soon as they come in contact with the soil. However, they become available in a short time. The released sodium may correct soil acidity or may liberate calcium, potassium or magne-

sium from the soil. Care must be exercised in the use of sodium as it deflocculates the soil leaving behind the carbonate of soda. When this happens the clay soils are likely to become sour.

Ammonia salts increase the amount of lime removed from the soil. The sulphate and chloride act as acids and the soil finally becomes sour. This is partly caused by moulds using the nitrogen and setting the acids free. As nitrogen can only be taken into the plant in the form of the nitrate these compounds must be converted into nitrates before available. Bacteria play an important part in this conversion. Ammonia sulphate is the more useful of the two owing to its greater abundance and lower cost.

Phosphorus may be secured from several sources. Steamed bone carries from 12 to 14 per cent of phosphorus. It should be well steamed and finely ground. The steaming removes most of the nitrogen which is in the form of fats. The organic structure of the bone is also destroyed making it soft and so reducing it to a finer state of division. The more finely ground the larger the surface exposed to the agencies of decay and so the sooner it will give up its phosphorus. Natural rock phosphate is not readily enough available for greenhouse crops so should not be used unless mixed in the compost heap where it is made available by the fermentation. When used in this way should be quite efficient and has the advantage of not being injurious when used in large quantities. Acid phosphate, which is the natural rock treated with acid, is likely to be corrosive and injure plants unless mixed with the soil several days before planting. All phosphorus fertilizers should be added to the soil before planting.

Potassium salts in the form of sulphate and chloride may also deflocculate the soil. Potassium sulphate is, perhaps the best of the potassium salts to use. Kainit is a mixture of soluble salts of potassium, magnesium and sodium as it is mined. Considering the potassium only it is one-fourth as strong as commercial potassium sulphate. Wood ash is another source of potassium but to be of value must contain at least five per cent of potassium. Wood ash also contains large quantities of lime.

Probably the best forms of commercial fertilizers for greenhouse work are dried blood, ammonium sulphate and sodium nitrate for nitrogen; acid phosphate, steamed bone and natural rock phosphate for potassium. To this list might be added many more but their great cost or their scarcity make them prohibitive.

To the list of commercial fertilizers should be added one other, namely, lime. While this substance adds but little directly to the nutritive substances of the soil, it does much to improve the physical condition of the soil and helps to make other forms more readily available. Lime influences the soil under three mechanical conditions by causing flocculation as in the case of heavy soils. The soil is thus made more open. It also helps to bind sandy soils. Second, it affects its chemical composition by ridding it of many acids formed by the decay of organic manure or in other words keeps it sweet. It renders other plant foods available. It supplies needed plant



food. Third, it affects its biological conditions by favoring bacterial growth and affecting insects and fungous growth. Lime may be used in the form of air-slaked lime, ground limestone and marl. Air slaked lime differs little from ground limestone except in the fact that it is separated into smaller particles. Fresh lime should never be used on account of its caustic properties. Ground limestone is perhaps the best as it can be applied in quantity without injury to the plants.

It must always be kept in mind that commercial fertilizers are so much stronger than natural manures that great caution must be observed in their use. It is hard to realize that a very small amount of commercial fertilizer may be equal in fertilizing value to a very large quantity of natural manure. With the increasing scarcity of natural manures there is no doubt that commercial fertilizers will have to replace them in part. Experiments being carried on at the present time will, without doubt, show that just as good flowers and plants can be grown with chemical fertilizers when supplemented by a small quantity of natural manures as when grown with natural manures alone.

#### Grafting Roses.

ED. AMERICAN FLORIST:

We grafted last winter rose scions on a native wild stock in the same manner as apples, etc., are root grafted, which failed to grow. Is it possible to graft roses in the winter without potting the roots? In what manner can the native wild species be used as stock for grafting? E. S.

State of Washington.

In reply to E. S. concerning the grafting of the native wild roses, would say that, personally, we have had no experience in handling the native wild rose in that manner. We thought of doing it at one time as an experiment, but found by potting the stock that they were inclined to check up indoors under glass as soon as the weather got as low as 35° outside, that is, at a regular temperature of 60° at night the plants seemed to want to go to sleep, or require a rest. For indoor forcing Manetti stock (English stock) cannot be beaten in our estimation, and they can be purchased, we think, much cheaper than we could grow them here in the east.

If E. S. wishes to experiment with the wild stocks we would suggest planting the seed and growing the scions in this way. Rose canina would be a good variety also to try the graft on. The seedlings can be grown on in small pots and handled as prescribed in THE AMERICAN FLORIST issue of January 7, 1911, page 1194. If E. S. obtains that issue of THE AMERICAN FLORIST and reads the article which describes rose grafting in detail, illustrated, it may help him; at the same time we are rather doubtful about the success with stocks of the wild rose used for grafting purposes, and the method employed by E. S. is impracticable, we think, except for fruit grafting. E.

APPLETON, WIS.—W. H. Rogers, one of the oldest florists of Appleton, Wis., died June 15. The funeral was held Monday, June 19.

PUTNAM, CONN.—The referee in bankruptcy has issued an order to sell the contents of the greenhouses of the Ernest F. Arnold estate.

## ORCHID NOTES.

ENDEAVOR to keep *Cattleya labiata* dormant after flowering.

GIVE *Vanda coerulea* a light sunny position from now on and water the roots only moderately.

PHALAENOPSIS greatly dislike heavy overhead watering, though they like an abundant supply at the roots when growing freely.

#### Midsummer Treatment of Cattleyas.

By June 1 practically all the repotting of the established stock should be finished and growth will be active in all departments. Were we tied to one species of *Cattleya* C. Trianae would certainly be that one. Its flowering season extends over a longer period than any other—it is second to none in beauty and freedom, while it is as easily grown as any. All our stock has been repotted this season and the plants have made good roots which have reestablished them. No fire heat has been given since a week before Easter, so the growth has not been

very free so far, but with the warmer nights the young shoots have come with a rush and owing to the numbers of new roots made these will all probably sheath and flower. Already some of the most forward are showing sheaths and the plants are taking considerable water.

Circumstances often lead us to change our ideas about cultural matters. At one time we were opposed to any but the lightest spraying of the *labiata* *Cattleyas* overhead, but during hot, dry weather it is quite a task to keep the atmosphere sufficiently moist during the day and we have found one or two fairly good sprayings very helpful in maintaining this moisture and very refreshing to the plants. It enables us to close the house earlier in the afternoon with the sun shining on the plants, the moisture gathering on the glass and preventing burning of the foliage. Then when the sun has left the house we put a chink of air on again which dries up superfluous moisture before nightfall and is invigorating and restful to the plants. All orchids like this buoyant atmosphere by day and cool night air and none more than *Cattleyas*.



CYPRIPEDIUM BARBATUM NIGRUM.

C. Mossiæ is in flower, having been repotted earlier in the season. The slight check given by repotting we find an advantage rather than otherwise, as the demand for the cut flowers is better during June than May and we get the bulk of the flowers during the former month. After flowering C. Mossiæ needs the best position at command in order to finish up its growth in good time to ripen up with the waning sun in autumn. C. Schroederæ is the latest of the Triana section to flower and joins hands with the earlier Mossiæs. The plants have been potted when necessary and are growing freely. We have had grand C. gigas already and there are many more plants to flower, some of them just showing the tips of the flower sheaths in the new growth. This does not check like the majority of cattleyas but the flower buds form directly the growth is matured. In this respect it differs from C. labiata which was showing sheaths at the same time but will not bloom before September.

After C. Mossiæ comes C. Gaskelliana. This, too, flowers at once upon the new growth but it checks for a little while and does not push up so rapidly as C. gigas and C. Dowiana. It requires ample root moisture now and a light position to perfect its flower sheaths. C. Percivaliana is rather erratic. It should be growing strongly now and some of our plants are doing so, but others are still dormant. We never try to hasten them but just let the plants have their own way. The small pseudo-bulbs do not take long to mature and there is ample time for them to do so. Although the worst ravages of the cattleya fly are over for the season it is well for the grower to have his eyes open for the characteristically misshapen growths caused by this pest and cut off all that are seen. Should any of the flies be seen about the houses a couple of fumigations with nicotine should be given or light doses of cyanide. But there is considerable young growth in the houses now and this gas must be used with caution.

Newly imported stock of C. Trianae has again arrived in good condition and fit for potting at once on arrival. We are always careful to set the plants into as small size pots as possible so that the next season they can be slipped entire into a larger size. We also use very little fiber over free drainage and make this absolutely firm with the dibber, clipping off ragged ends with a strong pair of scissors or shears. C. labiata is again said to be very scarce and the plants small and poor. It looks as though collectors will either have to go further back, where the trouble and expense of collecting the plants are greater, or else give this species a rest for a year or two. The immense number of plants sent home since its rediscovery must naturally have greatly depleted its native haunts and it would be a pity to again lose this popular and useful cattleya.

H. R. R.

#### Cypripedium Barbatum Nigrum.

Cypripedium barbatum is one of the oldest and best known cypripediums in existence and a very useful, free flowering species. The variety figured, nigrum, is deeper in color than the type and of medium size only. The pouch of the lip is of the deepest brown purple or portwine color which gives it a very distinct appearance. C.



CATTLEYA TRIANAÆ ALBA.

At El Regal Greenhouses, Hollywood, Calif., February, 1911.

barbatum is a native of the Malay peninsula and likes considerable heat, moisture and shade while growing, as this brings out the beautiful dark marbling on the foliage which is one of the plant's principal attractions. A compost of equal parts of peat and loam with some leaf mould added and plenty of broken crocks to keep the soil open will be found suitable and the roots should be well watered all the year round. Dryness either at the root or in the atmosphere is very distasteful to this cypripedium and leads to red spider and other insect attacks. An orchid house, as generally understood, is not necessary for this cypripedium, as it thrives just as well among other plants needing a warm moist greenhouse. When potting give ample room and spread the roots out, working the compost down between them.

CYPRIPEDIUM INSIGNE is growing and also producing its flower spikes and needs a liberal supply of water now.

#### Albino Orchids.

White or albino varieties of orchids are always much sought and highly prized by connoisseurs. In the majority of instances they are more beautiful than the types from which they spring, though in the case of albinos having no spot of color like *Celogyne cristata* alba there is a peculiar dead appearance which is relieved by the yellow blotch in such as the albinos of cattleya. Perhaps the finest white orchid in existence is the white form of C. Mossiæ (C. M. Wageri). In this form the yellow area on the lip is much reduced in size and by its clear purity of color enhances the snowy whiteness of the outer segments. This form is very rare, much more so than *Reineckiana*, a form in which the lip does not vary much from the type but the sepals and petals are pure white.

The albino form of C. Mendelli (Blunti) is another extremely chaste and white cattleya, bearing the same relation to the type as Wageri does to C. Mossiæ. This species also has a



form with white sepals and petals (Morganian). The purest white form of *C. Trianae* is *C. T. virginialis*, which has no color whatever on any of the segments excepting a yellow blotch in the throat. *Alva* has the flowers pure white with the exception of the lip which has, in addition to the yellow blotch, a very faint suffusion of pink in front. *C. gigas*, *C. Gaskelliana*, *C. Percivaliana* and *C. Schroederiae* all have their white forms, the albino of the last named having much more substance and being a better grower than the majority of white forms.

In connection with albinos generally it should be noted that they are not usually as vigorous as the typical forms of the various species, and the utmost care is necessary in their culture. It frequently happens that the growth producing the pure white flower occurs in the center of a large specimen plant of the type and it is often difficult to detach it and set it going on its own account. We remember a case in point that occurred some years ago. Some large masses of *Dendrobium nobile* had been received and among one of these were a few small bulbs that produced pure white flowers (*D. nobile virginale*). It was quite impossible to determine exactly how many bulbs were of the albino, so all the surrounding bulbs were carefully saved and placed on a pan of live sphagnum moss. Not one of the resulting plants turned out to be white nor did the original plant produce any back breaks. Had this been of the type in all probability it would have produced at least half a dozen plants. Without going deeply into the culture of albinos, which in all essentials is the same as for type species, we may advise all who are fortunate enough to possess them to keep a careful eye on their treasures. Rather smaller receptacles should be used and the greatest care taken in the selection of the compost, in watering and in giving them the best position in their respective houses. A skilled propagator of orchids will divide these treasures into almost as many plants as there are bulbs and bring them all through safely but those having less experience will be well advised to have their plants entire at least until some practice has been obtained with common varieties. H. R. R.

NEGAUNEE, MICH.—The Negaunee Nursery and Greenhouse are erecting a new house 21x15 feet.

GOVENEUR, N. Y.—John T. Humphrey of Rome has leased for a term of years, with the privilege of buying, the Brainard greenhouses, and intends to enlarge and improve them and operate an extensive florists' business.

ALLENTOWN, PA.—The hail, wind and rain storm which passed over the city, June 12 damaged greenhouse property badly. Ernest Ashley was the worst sufferer. Every pane in one house on Fourth and Tighman streets was broken and the other houses had but few whole panes left. At Andrew Yeager's an entire side was blown out into Sixth street. At O. J. Sawyer's nearly all the glass was broken and the interior flooded. E. N. Kroninger's large plant on Emaus road, was badly broken and the plants cut by the broken glass. J. F. Horn & Bro. did not suffer from the hail. No panes of glass were broken but water surrounded the greenhouses to the depth of three inches.

## CHRYSANTHEMUMS

### Tying Up Chrysanthemums.

As soon as the chrysanthemums are planted preparations should be made for keeping them growing erect. Different methods are adopted for the tying up of the chrysanthemum plants, some growers use a wooden or wire stake, to which the plant is tied; others stretch wires the length of the bench just above the soil and at a sufficient height in the houses, and strings are stretched from the lower to the upper wires and the plants tied to the strings. Both of these methods are, however, inconvenient if it is desired to mulch the plants. A method employed by many growers is to stretch wires five feet above the bench, over each row of plants, and long strings of raffia fastened on this which are loosely fastened to the plant a few inches above the ground and as the plant grows the raffia is wound around the stem. Under no circumstances, however, try this method with cotton string, for the string will shrink when wet and pull the plant out of the ground. If long raffia cannot be obtained tie two shorter pieces together.

### Planting for Cut Blooms.

The planting of the second early and midseason varieties intended for commercial cut flower purposes should now be finished without further delay. One of the important points to consider when mapping out the plan of planting is to get the varieties that grow about the same height on the benches together. The varieties Timothy Eaton, Yellow Eaton, Col. D. Appleton, Dr. Enguehard, Clementine Touset, Pres. Taft, Gloria and October Frost are tall growers and require plenty of head room, and ought to be planted in the center of the houses where they will receive plenty of air all around them. To the grower who has the large modern houses with head room of five to six feet on the front benches, the matter of planting the taller varieties in the center benches may not seem of so much importance, but to those who are not so fortunate it is very important, as it is impossible to turn out first class stock without ample head room for the proper development of the flowers. Even with the most modern houses better results can be obtained if the arrangement of planting is planned according to the height the varieties will grow as it does away with the danger of the dwarfier ones being shaded by the taller. Polly Rose and Glory of the Pacific are good varieties for side benches with three to four feet of head room, late propagated Pink Ivory and Ivory will also do for these benches, but the early propagated stock of these varieties that has been grown along strong will need more head room. Of the newer varieties that will be planted in great numbers this year the variety Oropa is a dwarf grower and will do well on the same bench with Polly Rose. Donatello is a little taller grower and strong, early propagated plants will grow about four feet, but later struck stock will be much shorter, it being inclined to a dwarf habit, and the late plants do not stretch out as do some varieties. The variety Gloria is a climber and will need seven feet or more of head room.

Another feature to study in planting is that of time of blooming, the early

varieties should be given space by themselves, so should the midseason varieties, and the same with the later ones. This gives the grower a chance to better take care of the plants' needs as regards feeding, temperature and keeping the insect pests in check after the blooming period has commenced. The anemone, pompon and single varieties are very useful for special work and a large number are grown to be used as sprays, which is the only way to do these types, they should be planted now and pinched back to form four to six shoots to each plant, set them eight by nine inches apart, and as soon as the shoots begin to lengthen out attend to the work of giving them support.

C. W. JOHNSON.

### Bulbous Flowers at Lake Forest, Ill.

A visit to the estate of Cyrus H. McCormick, Lake Forest, Ill., late in May found much for the lover of nature to admire. This estate has been left in a very natural condition, the landscape gardener taking advantage of all that had been provided by the Maker to make the estate beautiful. Situated on the bluffs of Lake Michigan with a beautiful view of that large sheet of water and abounding with ravines and hills, it was covered with a fine growth of trees and natural flora. Through and over these ravines have been constructed drives and bridges by lavish expenditure, that enable the visitor to walk or drive all through the estate and admire the beauties of nature. Besides the natural growth, quantities of trees and hardy shrubs and plants have been set out and all are in prime condition, and the place at the time of our visit was a great credit to E. O. Orpet, the superintendent in charge.

The herbaceous border which contains a very extensive collection of varieties was beginning to show its beauty, as can be seen by the accompanying illustration. The tulips were all in full bloom, and the iris just beginning to flower. The tulip bulbs were planted in masses of a color, each variety by itself, beginning with the earlier bedders and ending with the Darwin section, the latter being used in larger quantities, for it seems that the later a variety blooms the longer it lasts, and is better both in the quality and texture of the flower. These bulbs are not lifted each year, as is so often the custom, but are allowed to remain for three years at least, and as long as they do well. When they show that a replanting would be advantageous the clumps are carefully marked and lifted after the foliage has died, keeping each variety separate, and dried in the shade until time for planting. The proper time and the best way to lift bulbs is when the leaves are about to die down late in June and the root action is completed.

The irises were just coming into flower and promised a great showing, there being a fine assortment of colors all in full bud. These Mr. Orpet says are better the second year and should be lifted the third for the bulbs increase rapidly by offsets, and the larger ones are far better than can be obtained by importing from Holland. Behind the bulbous plants the herbaceous stock was just coming into bloom, large clumps of *dielytra* were showing color and the border gave promise of an elegant show throughout the summer.



BULBOUS FLOWERS AT CYRUS H. McCORMICK'S, LAKE FOREST, ILL.

The estate abounds in natural flora and these have been given the best opportunities to grow and increase and many wild flowers that are not indigenous to this section but which are perfectly hardy have been transplanted in congenial surroundings. All through the stretches of woodland, which are very extensive, could be seen the trilliums in bloom, and here and there were clumps of *Cyripedium pubescens*. Plantings of *Cyripedium spectabile* were just throwing their strong growths through the ground and promised splendid showing in the near future. The whole estate abounds with subjects for the study of the botanist or the lover of trees and wild flowers.

WEEDSPORT, N. Y.—Irving LeDuc is contemplating making an addition of 5,000 square feet to his glass the coming summer, his business having outgrown his present structure.

EDWARDSVILLE, ILL.—Articles of incorporation were granted the J. F. Ammann Co., to carry on a general greenhouse and floral business. The capital stock is \$6,000, and J. F. Ammann, J. H. Buchsenschutz, Le Roy Smith and Edward C. Buchsenschutz are the incorporators.

ST. PAUL, MINN.—The annual flower show of the State Horticultural Society and the Minnesota Rose Society was held June 15 at College of Agriculture at the State University. The exhibits were confined to cut roses and perennials and a fine display of both was staged. The judges, Olaf Norquist, August Swanson, and John Hawkins for the perennials, and R. A. Latham, C. A. Malmquist and T. M. Lyon for the roses.

## THE CARNATION.

### Care of Young Stock.

The young stock in the field occupy much time at this season, from the fact that showers are frequent during June, and each heavy rain gives the weeds a fresh start, besides beating down the surface of the soil to such an extent that renewed cultivation is required. It therefore becomes necessary to hoe frequently, and as the plants branch out it takes more care and more time in avoiding injury to the plants, and in hand-weeding around the stems. The amount of work in the field, of course, depends in a great measure on the consistency of the soil and the thoroughness of its preparation in the spring, and those who have to contend with a heavy soil, or one that soon bakes hard, have a much more difficult proposition than the grower whose land is sandy and open. But whatever the soil may be, it is one of the essentials of good culture that the surface should be kept well pulverized by frequent and shallow cultivation, thus allowing the soil to be well aerated, and at the same time conserving the moisture by means of a dust mulch. With this in view, it is necessary to stir up the surface of the ground after each heavy rain, and to get at this work just as soon as the ground dries enough for cultivation.

Topping also becomes a bigger job each week, for the plants are now growing rapidly, and as some shoots are liable to be broken by the wind if allowed to get too long, it pays to go

over them frequently, and to top them low enough to ensure a stocky and well-balanced growth.

The variations of growth between different varieties are quite marked in the field, and thus far it seems hard to find any to beat those of the Enchantress group for rapidity and regularity of growth, the white variety of Enchantress being possibly the strongest of all that group, while Rose Pink is a good second. Beacon is also a good grower in the field, and usually produces good bushy stock by lifting time, or say, about the end of July. Pink Delight is another healthy grower, though longer in the joints than the Enchantress varieties, and consequently more given to splitting off its shoots unless they are topped back pretty well.

The neighborhood of New York has been more favored in regard to comfortable weather than many other portions of our country, extremely hot days having been very few, and practically no uncomfortable nights have been experienced thus far, with the result that carnations, both indoor and out, have kept in rather better condition than they do in a really hot season. Of course, the flowers are growing smaller, and likewise the price and the demand, so it will not be long before the carnation men are making a general clearing out, making all necessary repairs, refilling the benches, and then hustling the plants in again from the field.

In the meantime the old plants dry out rapidly, and take up a lot of water, and as red spider appears, frequent



syringing becomes a necessity, although the latter treatment does not benefit the flowers in any way, and as a matter of fact, the less water a carnation gets on its petals the better it is for both color and keeping qualities. Free ventilation both night and day is an absolute necessity, and a light shading on the glass will help greatly in keeping up both the size and color of the flowers, to say nothing of the additional comfort of those who have to work in the houses. This shading will also prove its value during the laborious work of emptying and refilling the benches, a period when the poetry of flower growing is rather notable for its absence, and when a little comfort will be welcomed by those taking part in the exercises. W. H. TAPLIN.

### Carnation Growths Wither.

ED. AMERICAN FLORIST:

The growths on my carnation plants wither and dry up. The plants were purchased and looked healthy and were planted in old pasture sod. They have been fertilized with Peruvian guano, the same as the plants were last year, which did finely. I have had trouble with red spider and have syringed with a fine spray daily. When the blooms are cut the stem dries up instead of sending out new shoots. I enclose specimen of the growths. Can you inform me what is the trouble? P. S. W. Tennessee.

Examine the roots. I am inclined to think the trouble is due to the roots being burned, through being treated to Peruvian guano when not in a fit condition to receive it. The daily syringing is also wrong for this season of the year. A thorough syringing once in ten days, as the weather permits, together with plenty of fresh air at all times, will do more to keep the red spider in check than a fine daily spraying. Also, it is a good plan to keep up regular fumigations with one or the other of the nicotine preparations. There is considerable presence of stigmatose, due to the foliage being punctured by thrips. C. W. JOHNSON.

HAVERHILL, MASS.—Leith & McDonald have dissolved partnership by mutual consent. The business will be continued at Primrose street by Frank Leith.

BERKELEY, CALIF.—Edmond Eglinton has taken charge of the orchid houses of J. A. Carbone which is one of the large establishments on the Pacific coast.

CHEYENNE, WYO.—C. H. Garwood is planning to build three greenhouses, one 20x36 feet and two 20x32 feet, and a new store building at the greenhouses 20x30 feet.

HAVERHILL, MASS.—W. W. Emerson will build a new semi-iron frame carnation house, 20x75 feet, the material to be furnished by the Lord & Burnham Co. of New York.

AUBURN, N. Y.—W. J. M. Edmonds is rebuilding his range of houses, combining the three houses into one 30x120 feet.—Dobbs & Son are building a new house 40x250 in which it is intended to grow carnations.

MONTGOMERY, ALA.—The Morningview Floral Co. is the new name of the florist's business conducted by H. L. von Trott formerly known as the Fernhill Greenhouses. The houses are to be moved from Wetumpka road and rebuilt on Evergreen street before the fall trade begins.

## AMERICAN SEED TRADE ASSOCIATION THE MARBLEHEAD CONVENTION.

### The Closing Sessions.

The annual convention of the American Seed Trade Association held at Marblehead, June 20, a preliminary report of which appeared in our last issue, page 1136, was continued June 21 and 22. The meeting was called to order on Wednesday morning and Albert McCullough made report as a delegate to the National Board of Trade, detailing the work of that organization in keeping in touch with national legislation affecting trade conditions. Prof. Chas. D. Woods, director of the Maine Agricultural Experiment Station, Orono, Maine, and president of the National Association of Seed Analysts, read a paper on "Proper Growing and

different styles of culture, and got the best results with medium depth of planting and broad ridge culture. C. F. Wood, of Louisville, reported that Maine potatoes did not succeed in his state until acclimated. Secretary Kendel said one farmer recommended to him planting every fourth row later, and attracting the bugs to this fourth row because they seek the fresher growth, and then kill them on this row. Prof. Woods recommended an arsenate of soda as a poison where poison was necessary, in addition to Bordeaux mixture, as the arsenate of soda is cheaper than paris green. He explained the method of using formaldehyde gas to disinfect potatoes, and Secretary Kendel told about his manner of using this gas. Leonard H. Vaughan asked if the formaldehyde would burn out potato eyes, and was told there was no danger of this if the method explained was followed. A paper was then read by C. N. Keeney, Le Roy, N. Y., and vote of thanks returned to Messrs. Keeney and Woods.

A resolution introduced by Kirby B. White by request, was unanimously adopted, that the association urge upon the house of representatives and senate of the United States the imperative need for amendment of the corporation law, whereby it shall be made permissible for corporations and companies to make returns as of the close of their individual fiscal years, to the end that obedience to the law may be rendered the least burdensome, and accurate compliance with its provisions made possible, thereby conducting to the benefit of the government and the public, and that the attention of congress be directed to the necessity for instant action. This was strongly favored by K. B. White, W. D. Ross and F. H. Ebeling, who urged that efforts be made by all members to have similar action taken by all mercantile organizations in their respective communities.

Wednesday afternoon was devoted to an executive session at which were read telegraphic crop reports, a feature which has grown in importance and which was more generally followed out than ever before.

The association reconvened on Thursday morning, June 22, and the first matter brought before the meeting was the resolution submitted by Kirby B. White, and unanimously adopted, which was as follows:

Whereas, it has been charged in the present congress of the national legislature that the seed trade of the United States was under suspicion of having committed fraud in importing certain seeds under false pretenses, and that American dealers have systematically committed perjury to escape the payment of lawful excises; and

Whereas, these charges, if true, are worthy of unqualified condemnation, but if unfounded are a libel on the trade in general; now, therefore, be it Resolved, in justice to ourselves and in the name of simple decency that we urge the legislative and the executive branches of the government to spare no pains to ascertain the facts in the case, and to prosecute all offenders wherever found; and further,

Resolved, That to the end of securing punishment for the guilty and vindication for the innocent, we pledge ourselves individually and as an association to cordially support all reasonable efforts to secure rigid justice; and

Resolved, That copies of these resolutions be respectfully submitted to the



Edgar Gregory, Marblehead, Mass.

Second Vice-President American Seed Trade Association.

Handling of Seed Potatoes" which elicited much comment. C. N. Page asked if Prof. Woods had experienced any trouble with seed potatoes being injured by cold storage. Prof. Woods said he had had no experience of that sort, and advised that purchases be made in Maine where the Almighty had provided natural cold storage in the climatic conditions. Secretary Kendel suggested that if cold storage was avoided it ought to be cold storage from natural ice, and not ammonia, as the latter would affect the flavor of fruits and might be the cause of the trouble reported by Mr. Page. F. C. Woodruff predicted that unless the Aroostook county growers stopped using poorer potatoes for their own planting they would lose prestige. Prof. Woods thought they fully realized this and had formed an association which would remedy the trouble and keep the product up to standard. In reply to a query from E. A. Sheep as to what was meant by "thorough spraying," Prof. Woods said from eight to ten sprayings per season, spraying to be done under 100 pounds' pressure. If there is no trouble with flea beetle or ordinary potato bug, do not begin spraying until the tops are about six inches above the ground; otherwise begin at once. He had experimented with planting two inches, four inches and six inches deep, with



A REGATTA AT MARBLEHEAD, MASS.

Secretary of the Treasury and to the Hon. J. R. Mann.

Chas. N. Page, chairman committee to confer with the National Seed Analysts, submitted his report, which was duly filed. The financial condition of the association was discussed in connection with proper amount of annual dues, and no change was made in the dues from the present basis in the constitution. The report of the obituary committee, Chas. N. Page, chairman, was read, containing eulogies prepared by the following members: C. C. Massie on the death of Chas. P. Braslan, San Jose, Calif.; W. C. Langbridge on the death of W. A. Dennison, Ellsburg, N. Y.; Herman Simmers on the death of William Rennie, Toronto, Ont.; Watson S. Woodruff on the death of S. M. Pease, Avon, N. Y.; W. G. Scarlett on the death of John L. Turner, Baltimore, Md.; E. F. Crossland on the death of R. C. Steele, Toronto, Ont.; and S. F. Willard on the death of Edward L. Coy. C. E. Kendel presented a report of the delegates to the National Council of Horticulture.

The paper prepared by Dr. E. Mead Wilcox, professor of agricultural botany and state botanist of Lincoln, Neb., was read by Secretary Kendel, treating of the distribution of plant diseases by seeds infected with fungus and parasites, especially with reference to the leading cereals; sources of infection were pointed out, and methods of combating the same were described. This was a valuable paper, going into much detail.

A special committee consisting of Curtis Nye Smith, Kirby B. White and S. F. Leonard were appointed to consider and report on the matter of seedsmen's disclaimer. Various reports of state correspondents were read and referred to the executive committee. Invitations were read from W. Atlee Burpee and Harry A. Bunyard, president and secretary of the National Sweet Pea Society of America, inviting the members to attend the exhibition of that society to be held at Philadelphia, Pa., June 29-30; Mr. Burpee expressing regret at his inability to attend the convention of the American Seed Trade Association on account of pressing business and his shortly leaving for a European trip. A letter was read from P. W. Bruggerhof acknowledging the compliment paid him in his election to honorary membership in the association and regretting his inability to attend the annual banquet.

The election of officers resulted as follows:

Leonard H. Vaughan, Chicago, president.

Marshall H. Duryea, New York, first vice-president.

Edgar Gregory, Marblehead, Mass., second vice-president.

C. E. Kendel, Cleveland, O., secretary-treasurer.

J. H. Ford, Ravenna, O., assistant secretary.

E. L. Page, Kirby B. White, C. C. Massie, Henry Nungesser, C. F. Wood, executive committee.

Albert McCullough, Chas. N. Page, J. W. May, membership committee.

An informal discussion then followed as to the place of the 1912 meeting and the matter was referred to the executive committee. The general opinion appearing to be that the meeting should go farther west next year, probably in the lake region.

#### President Page's Address.

I find on referring to our printed minutes of our last annual meeting that I said in part, on accepting the office of president, that I hardly knew whether I was to be congratulated or sympathized with, but that no doubt

I would know better about it another year. I can now make a positive statement and say that I am not to be sympathized with in any way, but congratulated, for while I have found that the office required some time and thought, yet it has been to me a most pleasant duty, and if whatever I have done or may do during this convention meets with your approval and support, and if the work done in the past year shall add numbers, strength and honor to the association, I shall feel that I have been many times repaid. During the past year I have come to know many of you better, and formed friendships which I trust will last for many years. I know more about the association, its aims, object and things hoped for, and while it is not a large association in numbers, it is large in quality and achievements. This association has honored twenty-eight men (one being elected twice) by electing them as its president, for it was indeed an honor to be chosen its first president, and still a greater honor from year to year.

A member of this association told me, not long ago, that he would consider it a greater honor to be elected president of the American Seed Trade Association than he would to be elected governor of the state in which he lived. (This party is not a candidate for your next president.) I am speaking of this more particularly for the reason that, while a great many of the members are very loyal and ready to do all they can for the good of the association, yet I feel that some do not appreciate the association enough, do not value it as highly as they ought. Many of us have obtained information and knowledge through and from the association and its members that have been of great value to us. We have formed friendships and business connections that have not only been very pleasant but profitable. We have come to know each other better, and to have a higher regard for each other, and although we are competitors, to a greater or less extent, and oftentimes cover the same territory and sell to the same people, yet when we are gathered here we seem to forget this to a very large degree and meet as friends and companions and co-workers in a great business.

I shall never forget the kindly interest taken in me by some of the mem-



STREET SCENE IN MARBLEHEAD, MASS.



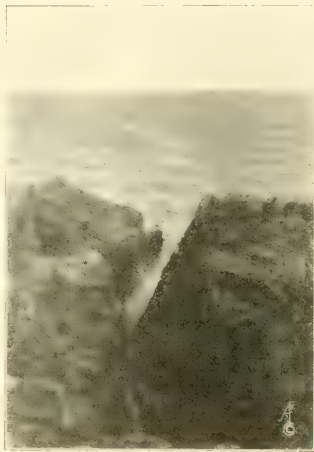
bers of this association during the first few years of my membership. The reminders of those words from the good old book, "I was a stranger and ye took me in." (I have been taken in several times since in various ways but the results were not nearly so pleasant.) During the years of my membership I have been permitted to attend every annual association meeting; sometimes the distance has seemed great, the time necessary almost more than I could spare, the cost considerable, but never yet have I returned to my desk but what I have felt that the information received, knowledge gained, companionship enjoyed, new friendships formed, old friendships renewed, have paid, yes, many times repaid me for any effort and time spent, and I am glad to know that many of you feel the same way. Also that you are ready at any and all times to stand shoulder to shoulder with each other, to promote the best interests of this association and to further its prime object, "the advancement and protection of the interests of the seed trade."

We, as an association and members, are not naturally or intend to be selfish. As a rule I think we are about as ready to give information and help as we are to receive it, and one will learn sooner or later, if they do not already know it, that in order to gain information, knowledge, friendship or love they must be just as willing to give as to receive. It has seemed to me that in a way this association was a close corporation. To be sure, our membership of a little over 140 includes nearly all of the largest, best and most representative seed houses in the United States and Canada; yet there are a great many seed firms, honest, reliable and responsible, some of them rather small, I will admit, but most of us, unless we inherited our business, were once small; that it seems to me ought to be members of this association, and it appears to me there are just two reasons why: first, for the benefit that they will receive in various ways from being members, and second, the benefit the association will gain by having them as members. I do not believe in cheapening the association in any manner. The past records of the association have been honorable in every way and the present members are proud of it, and I would not have a prospective member think for a moment that he was asked to join on account of the membership fee and dues, for if this is the only benefit he is to the association, then it were better for the association that he does not become a member. A member of the membership committee has said, and I believe he is entirely correct, that "He does not think it good policy for the association to throw down the bars entirely." Certainly this would be a great mistake and in the end work great harm to the association, but one of the questions has been and is, How can we secure desirable new members? I do not believe we ought to feel any delicacy in asking reliable and responsible seedsmen to become members. Therefore as recommendation number one, I would recommend that each state correspondent be instructed to look up the eligible and desirable seed firms in their state or states, and those that they can personally recommend, secure their application for membership, if possible, and submit the same to the membership committee for action.

It has always been more or less difficult for the officers of the association, and particularly for our counsel, to know just the person to write to in any particular state for information upon certain matters, and oftentimes the right party was not written to and very often no reply was received. Last year for the first time state correspondents were appointed in each state, or nearly state, and it has proven a most excellent plan. So far as I can recall,

there has been but one instance of my writing to a state correspondent without receiving a reply. Our counsel has also found the state correspondents of great value and help, but it has added largely to his work as well as increasing his efficiency. Therefore, as recommendation number two, I recommend that state correspondents again be appointed for the year 1911-12.

The past year has been a very strenuous one for the seedsmen. Some varieties of seeds were the shortest in years, some in surplus, some varieties were almost prohibitive in price, some were much below the cost of production. Some varieties contained too much moisture and averaged low in vitality. The season was not a normal one. Business was disappointing some months, a surprise others. Our lawmakers at Washington sent out as usual millions of free packets, postmasters in some places insisting on transparent packets; yet, notwithstanding all this, I think, on the whole, the seedsmen had a fairly prosperous year, and would not have added largely to their gray hairs had it not been for the so-called pure seed legislation,



The Churn, Marblehead, Mass.

which appeared at unexpected times and places. No matter how busy we were, on receiving a call from our state correspondent, to appear at our state capital at a hearing to be held on a bill, that had been introduced, we dropped everything and went, or at least many of us did. There were over sixty bills introduced in the different state legislatures, most of them either never reported out of committee or failed to pass, and for reasons which will be explained in the reports from our committees on seed legislation, and our counsel, and these reports, together with the reports of our state correspondents, will give you full information in regard to these matters, so I need say no more in regard to legislation, but make my recommendation number three: That counsel be employed to represent this association and its members, and if the present counsel can be engaged at a satisfactory fee, that he be engaged for another year. His services, so far as I know, have been entirely satisfactory to the association and its members. He has been prompt, energetic and successful. He has made a study of our business and of legislative matters affecting the seedsmen, and is, without doubt, the best posted along these lines of any man in this country.

There is no question but what the National Council of Horticulture are doing a good work and should be supported. Some of our members in the past have not favored making an appropriation to this council, and I am inclined to think that it is lack of knowledge of what this council is doing and accomplishing that makes them so feel. At our last meeting we voted an appropriation of \$200, but at the suggestion of our secretary and delegate they used but \$125, so there is really left from last year's appropriation \$75. Recommendation number four: I would recommend that \$75 in addition to the \$75 left from last year, or a total of \$150, be voted to the National Council of Horticulture.

Some things are old, yet ever new. I do not know if this can be said of our disclaimer or not, but there is one thing certain, that at about every meeting of our association this matter is brought up and discussed, and only recently a disclaimer was adopted that we thought to be as near perfect as possible. Now, an attorney, who is said to have made commercial law a specialty, says that unless the disclaimer or non-warranty clause used by seedsmen is placed on stationery between the date line and the signature, it is no part of the contract and is useless. If this is so, most of us will have to make some changes, and as this is an important matter, I make recommendation number five: That a committee of three be appointed, one of which shall be our counsel, to consider this matter, and report at a future session of this meeting, if possible, but if unable to do so, report to our secretary, who shall notify each member of this association by mail the findings and decision of this committee.

It is with regret that I am obliged to announce that our association has been sadly invaded during the last year, and that we have lost by death more members than in any previous year. Chas. P. Braslan, of California, known by nearly every seedsmen; W. A. Denison of New York state, John L. Turner of the firm of Griffith & Turner, Maryland; Wm. Rennie of Canada, R. C. Steele of Steele, Briggs Seed Co. of Canada, one of our honorary members; E. L. Coy of New York state, and our former well-known member, S. M. Pease.

In closing, I wish to thank the members of the executive committee for the work and help they have given me, also all of the various committees and state correspondents, some of whom have spent much time and of their means liberally, for the benefit of this association, as well as all other seedsmen, and as I have said in your hearing before, no matter whom you elect for your president, he cannot do all the work and in fact can do but a little of it. Most of it must be done by the various officers, committees and members, and no matter whether you are an officer, member of a committee or not, each of you have or should have a work to do, and if that duty is well done, this association will go on from year to year as it has in the past, increasing not only in numbers but in quality, power and achievements.

#### Hospitalities.

On Tuesday evening a reception and dance was held and on Wednesday afternoon there was a boat ride. A baseball game was also participated in by two nine men designed as the Garden Seed and Field Seed, which was won by the latter by the score of 3 to 0. The nines were composed as follows: Garden Seed nine, C. H. Coy, p.; Linnaeus Allen, c.; Fred M. Clark, 1st b.; C. Hart, 2nd b.; Will Woodruff, 3rd b.; Lyons Williams, 1. f.; F. G. Johnson, c. f.; E. W. Dorey, r. f.; W. L. Holmes, s. s.; Field Seed nine: Hammond, c.; Gordon F. Wood, p.; J. A. Smith, 1st

b.; A. B. Hammond, 2nd b.; R. Wood, 3rd b.; W. E. Stone, r. f.; Fred Plant, 1. f.; F. P. Kiser, c. f.; W. G. Scarlett, s. s.

On Wednesday evening, June 21, the banquet was held, Pres. Page acting as toastmaster, and introduced the following speakers: Watson S. Woodruff, Orange, Conn.; Leonard H. Vaughan, Chicago; George H. Clark, Ottawa, Canada; Frank C. Woodruff, Orange, Conn.; H. L. Holmes, Harrisburg, Pa.; Hon. J. Lewis Ellsworth, Worcester, Mass.; Frank H. Smith, Norwich, Conn.; W. C. Langbridge, Cambridge, N. Y.; C. F. Wood, Louisville, Ky.; F. Willard, Wethersfield, Conn.; E. F. Dibble, Honeyoe Falls, N. Y.; Linnaeus Allen, Floral Park, N. Y.; C. N. Keeney, Le Roy, N. Y.

The surprise of the banquet was the presentation of an elegant gold watch to retiring President Page from the membership of the association, the presentation being made by Frank C. Woodruff in a very felicitous manner. There was a fine turnout of ladies robed in beautiful gowns, and the witty responses by the men made the occasion both enjoyable and noteworthy in the association's history.

There was an automobile drive for the ladies Thursday morning, and a visit to St. Michaels church and the celebrated old Lee mansion in the afternoon. On Friday many of the members visited the Arnold Arboretum, Jamaica Plain, Boston.

#### Second Vice-President Gregory.

Edgar Gregory of Marblehead, Mass., elected second vice-president of the American Seed Trade Association at that place last week, was born December 12, 1869, and received his education in the public schools of Marblehead and the Massachusetts Agricultural College at Amherst, graduating from the latter in the class of 1890 with honors. He was married in Amherst, June 17, 1891, to Miss Flora D. Stebbins, and became associated with his father in the seed business after graduation. In 1891 he was admitted to partnership under the firm name of J. J. H. Gregory & Son, continuing thus until the senior partner retired July 1, 1907. It was at this time that he purchased the seed farms at Middleton, Mass. Since then he has been sole proprietor under the same firm name, and has increased the business about 40 per cent.

#### Those Present.

Following is a list of those in attendance so far as the names can be secured by our representative.

Linnaeus Allen, Floral Park, N. Y.  
W. W. Barnett, Chicago, Ill.  
W. H. Barrett, Adrian, Mich.  
O. P. Beckley, Harrisburg, Pa.  
F. W. Bolgiano, Washington, D. C.  
C. A. Bolter, Rochester, N. Y.  
C. S. Briggs, Rochester, N. Y.

B. F. Brown, Fitchburg, Mass.  
D. A. Brown, Cincinnati, O.  
Joseph E. Brown, Fitchburg, Mass.  
C. Burroughs, Cambridge, N. Y.  
Arthur B. Clark, Milford, Conn.  
Arthur B. Clark, Jr., Milford, Conn.  
A. N. Clark, Milford, Conn.  
Geo. H. Clark, Ottawa, Ont., Can.  
Dr. W. Irving Clark, Worcester, Mass.  
C. B. Coe, Detroit, Mich.  
Ben P. Corneli, St. Louis, Mo.  
C. Herbert Coy, Valley, Neb.  
C. Willard Gay, Boston, Mass.  
W. F. Crossland, Toronto, Ont., Can.  
E. H. Currie, Milwaukee, Wis.  
Edw. Dibble, Honeyoe Falls, N. Y.  
Albert Dickinson, Chicago.  
Chas. Dickinson, Chicago.  
B. W. Dulaney, Cincinnati, O.  
Marshall H. Dwyer, New York.  
R. H. Ebeling, Syracuse, N. Y.  
W. E. Eberle, Albany, N. Y.  
Geo. B. Edgerton, Buffalo, N. Y.  
H. E. Fiske, Boston, Mass.  
Alex. Forbes, New York.  
Gideon Forbes, Cambridge, Mass.  
J. H. Ford, Ravenna, O.  
M. S. Griffith, Baltimore, Md.  
Chas. C. Hart, Wethersfield, Conn.  
H. G. Hastings, Atlanta, Ga.  
H. L. Holmes, Harrisburg, Pa.  
Frank Howard, Pittsburg, Mass.  
F. W. Jaeger, Toledo, O.  
F. G. Johnson, Jackson, Mich.  
F. W. Johnson, Philadelphia, Pa.  
M. D. Johnson, Boston, Mass.  
W. Frank Jones, Hartford, Conn.  
C. N. Keeney, Le Roy, N. Y.  
A. E. Kelly, Cleveland, O.  
C. E. Kende, Cleveland, O.  
J. A. Kennedy, New York.  
F. P. Kiser, Paris, Ky.  
Burmet Landreth, Bristol, Pa.  
S. P. Landreth, Bristol, Pa.  
W. C. Langbridge, Cambridge, N. Y.  
S. F. Lapham, Chicago.  
W. M. Lupton, Mattituck, N. Y.  
Albert McCullough, Cincinnati, O.  
J. Chas. McCullough, Cincinnati, O.  
C. C. Massie, Minneapolis, Minn.  
John W. May, Alexandria, Va.  
Henry Nungesser, New York.  
L. L. Olds, Madison, Wis.  
Chas. N. Page, Des Moines, Ia.  
E. L. Page, Greene, N. Y.  
Frank H. Page, Des Moines, Ia.  
H. Perkins, Chicago.  
W. T. Phillips, Toledo, O.  
Fred S. Platt, St. Louis, Mo.  
Frank S. Platt, New Haven, Conn.  
A. E. Reynolds, Crawfordsville, Ind.  
Hy Rice, Omaha, Neb.  
Jerome B. Rice, Cambridge, N. Y.  
J. B. Rice, Jr., Cambridge, N. Y.  
J. C. Robinson, Waterloo, Neb.  
Walter D. Ross, Worcester, Mass.  
W. G. Scarlett, Baltimore, Md.  
A. W. Schaefer, Chicago.  
H. A. Scullthorpe, Port Hope, Ont., Can.  
E. J. Sheap, Jackson, Mich.  
Herman Summers, Toronto, Ont., Can.  
Curtis Nye Smith, Boston, Mass.  
Frank H. Smith, Norwich, Conn.  
John A. Smith, Toledo, O.  
E. E. Squires, Chicago.  
F. A. Stecher, Rochester, N. Y.  
W. D. Steele, Toronto, Ont., Can.  
W. E. Stone, Toledo, O.  
Jefferson Thomas, Harrisburg, Pa.  
A. F. Tracy, Wenham, Mass.  
B. Hammond Tracy, Wenham, Mass.  
Dr. W. W. Tracy, Washington, D. C.  
Leonard H. Vaughan, Chicago.  
H. J. Wheeler, Kingston, R. I.  
Kirby White, Detroit, Mich.  
Amni Whitney, Portland, Me.  
S. F. Willard, Wethersfield, Conn.  
L. H. Williams, Norfolk, Va.  
F. P. Wood, Louisville, Ky.  
Gordon F. Wood, Richmond, Va.  
H. Wood, Richmond, Va.  
H. W. Wood, Richmond, Va.  
Frank C. Woodruff, Orange, Conn.  
Stiles D. Woodruff, Orange, Conn.

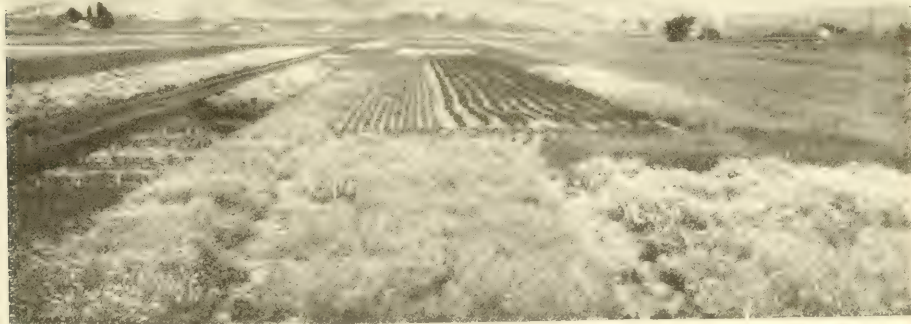
Watson S. Woodruff, Orange, Conn.  
Wm. H. Woodruff, Milford, Conn.  
Chas. D. Woods, Orange, Me.

#### The Ladies.

Miss L. Bolter, Rochester, N. Y.  
Mrs. C. S. Briggs, Rochester, N. Y.  
Mrs. J. E. Brown, Fitchburg, Mass.  
Mrs. Arthur B. Clark, Milford, Conn.  
Mrs. Everett B. Clark, Milford, Conn.  
Mrs. W. Irving Clark, Worcester, Mass.  
Mrs. Albert Dickinson, Chicago.  
Mrs. E. W. Dulaney, Cincinnati, O.  
Mrs. Alex. Forbes, New York.  
Miss Gertrude Ford, Fitchburg, Mass.  
Miss Jean A. Fraser, Richmond, Va.  
Mrs. M. Fraser, Richmond, Va.  
Miss Gray, Greene, N. Y.  
Mrs. M. S. Griffith, Baltimore, Md.  
Mrs. Frank Howard, Pittsburg, Mass.  
Miss Claire Johnson, Philadelphia, Pa.  
Miss Ethel Johnson, Philadelphia, Pa.  
Mrs. E. G. Johnson, Jackson, Mich.  
Mrs. H. W. Johnson, Philadelphia, Pa.  
Mrs. M. P. Johnson, Boston, Mass.  
Mrs. W. Frank Jones, Hartford, Conn.  
Mrs. K. B. Kendell, Fitchburg, Mass.  
Mrs. W. C. Langbridge, Cambridge, N. Y.  
Mrs. L. H. Loveley, Cambridge, N. Y.  
Miss McCullough, Cincinnati, O.  
Mrs. J. Chas. McCullough, Cincinnati, O.  
Miss McGowan, Cincinnati, O.  
Mrs. C. C. Massie, Minneapolis, Minn.  
Miss L. E. Page, Greene, N. Y.  
Miss Ida Page, Whitby Point, N. Y.  
Miss Etta Phelps, Cambridge, Mass.  
Mrs. Frank S. Platt, New Haven, Conn.  
Mrs. Hy. Rice, Omaha.  
Mrs. Jerome B. Rice, Cambridge, N. Y.  
Mrs. J. B. Rice, Jr., Cambridge, N. Y.  
Mrs. W. D. Ross, Worcester.  
Mrs. Herman Summers, Toronto, Ont., Can.  
Mrs. Jefferson Thomas, Harrisburg, Pa.  
Mrs. B. Hammond Tracy, Wenham, Mass.  
Mrs. S. F. Willard, Wethersfield, Conn.  
Mrs. H. W. Wood, Richmond, Va.  
Mrs. Catherine Woodruff, Orange, Conn.  
Mrs. Watson S. Woodruff, Orange, Conn.

#### Government Seeds.

How dear to his heart is the little farm garden  
My congressman pictures with laudable skill!  
The lettuce, the cabbage (with heads that won't  
harden).  
And each tiny pea pod (intent not to fill!)  
The gaudy tomatoes and peppers he mails me!  
The carrots and turnips (which prove to be  
weeds!)  
The tempting description, the picture that balls  
me  
On each little packet of government seeds!  
The wee little packet, the partly filled packet,  
The elderly packet of government seeds!  
That little franked parcel I hail as a treasure  
For often in spring when returning from field  
I find it (a source of most dubious pleasure,  
The poorest and cheapest that congress can  
yield).  
How ardent I seize it (!) with heart over-  
flowing (?)  
I fancy our congressman silently pleads:  
"For me, next election, your vote please be  
stowing  
In the big ballot box—for these government  
seeds."  
This wee little packet, this partly filled packet,  
This elderly packet of government seeds!"  
How sweet from the capitol mill to receive it  
(a present superb for a farmer like me!)  
Not a full packet purchased from seedmen  
(believe it!)  
Can equal these seeds in their antiquity.  
But now I've abandoned my rural vocation  
A tear of remembrance its furrowed course  
leads,  
For the Aprils I fed to my poultry a ration  
Of useless innaminate government seeds—  
A wee little packet, a partly filled packet,  
An elderly packet of government seeds.



PIETERS-WHEELER SEED CO.'S FIELDS AT HOLLISTER, CALIF.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico, \$1.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earliest if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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## Horticultural Society of Chicago.

SPRING AND EARLY FALL SHOWS.

The executive committee of the Horticultural Society of Chicago has voted not to hold the usual fall flower show in the Coliseum building this year, but to hold a big exhibition next March in its stead.

A dahlia and aster show will be held at the Art Institute in September, the exact date to be determined by the conditions of the plants later in the season. A premium schedule for this exhibition is now being printed and will be issued shortly.

A premium schedule for the spring show next March is being prepared by a special committee. It will offer prizes as large as usually given for fall exhibits at Chicago. It is hoped in the spring exhibition to obtain a more varied display, and to arouse renewed public interest in the flower show.

J. H. BURETT, Sec'y.

## Society of American Florists.

### TO MEMBERS.

Secretary Dornier is sending each member of the Society of American Florists a message calling for just a little effort on the part of each individual member, and it is earnestly hoped that every member will respond promptly.

It is requested that each member send in one new name for membership in the society. There is not one member that can not easily do so and this action by increasing the membership would mean a great deal for the welfare of the society and the trade in general. As the secretary points out in his message, the florists are greatly indebted to the society for its excellent work in the past, and a large membership roll will most certainly give it strength when there are wrongs, local or national, to be righted in the future.

The society needs the support of all the trade, and each member should see that every commercial establishment in his locality is represented in the national organization. Open the campaign now by securing one new member. Take advantage of the local club meetings and summer outings to talk it up with those in attendance, pointing out that each name added to the list increases the usefulness of the society and makes it stronger when it has a case to present before the courts, the legislatures, the express companies, the interstate commerce commission, the railroads, or any other body which has power to extend or withhold privileges.

In other lines of business grievances are quickly removed by close organization of the interests affected and our difficulties in making new laws and amending old ones would be greatly reduced if we could present a more united front and batter down the opposition. Farmers and others get what they want in this way and there is no reason why we should not get prompt consideration if each member of the organization does his duty now. The work is light—secure one new name now, and this strengthened membership will just double the power of the organization in acquiring rights and privileges too long denied us.

I say again, we need added force, the strength of numbers. Business conditions grow more strenuous every year and we need the assistance of everyone in every effort for the general good. The society exists for the good of all and every man in the trade should help.

GEORGE ASMUS, Pres.

### REGISTRATION OF ROSE.

Public notice is hereby given that Hoerber Bros., of Chicago, offer for registration the rose described below. Any person objecting to the registration or to the use of the proposed name is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

### DESCRIPTION.

Wilhelmina.—Parentage unknown. Appears to be a cross of Killarney and Golden Gate. Has the habits of Killarney and flowers the shape of Golden Gate but much larger. Growth very strong and free; height 4½ to five feet; color bright pink, a shade darker than Killarney; an easy grower and free from disease; foliage strong and clean a fine forcing rose; at its best from October to May.

H. B. DOEBNER, Sec'y.

## Flower Day.

Mayor Haynes of Minneapolis, Minn., issued a proclamation naming June 17 as "Flower Day" and called upon the citizens of the city to plant their gardens with flowers, and also desired that all vacant lots, school grounds, and every piece of property not used for other purpose, be made to bloom, that the city may be made beautiful for the civic celebration to occur early in July. He says: "It is a work in which every one can join: the school boy who wants to see the grounds surrounding his school beautified, as well as the property owner who feels the touch of civic pride. I predict that Minneapolis during the civic celebration week will be a pride to us all and a wonder to our visitors." The work to make Minneapolis a "flower" as well as a "flour" city is bound to bear fruit and its effect will not end with the present year but will be seen and felt for years to come. The nasturtium has been chosen as the flower for the occasion, and the business houses and citizens have joined together to make the city a vast flower garden during the celebration. Window boxes full of flowering plants are to line the streets and all empty lots cleaned up and planted to flowers. The appointing of a flower day is worthy of emulation by other municipalities for it certainly must result in not only beautifying the city but is bound to exert a refining influence upon the people and also to imbue them with the love of nature. This is a movement that can be well taken up by improvement associations in all parts of the country.

## Arsenate of Lead.

Arsenate of lead, an insecticide used against leaf-eating (chewing) insects, is preferably applied as a liquid spray. There is one common insect against which the dry powdered "lead" has proven more effective than the liquid, namely the cotton-ball weevil, a most destructive insect pest of cotton in the southern states. Home-made arsenate of lead may be prepared by combining arsenate of soda and acetate of lead, but, unless very large quantities are needed, the saving, if any, would scarcely warrant the extra trouble. A number of reliable brands of arsenate of lead are sold on the market, usually in the form of a thick paste, which are ordinarily used at the rate of two to three pounds to 50 gallons of water. In cases of severe infestation, or when used against insects especially resistant to arsenical poisons, four or even six pounds to 50 gallons of water may be used without the slightest injury to the foliage. The stock supply of commercial arsenate of lead should be kept covered with water to prevent drying.

Arsenate of lead is superior to other arsenical poisons, such as Paris green, in that it is decidedly more adhesive, necessitating fewer applications; it remains in suspension longer than the heavier Paris green; and it contains little, if any, soluble arsenic and therefore may be used at excessive strengths without injury to the foliage.

The same amount of poison in arsenate of lead costs a little more than Paris green but for reasons given above, i. e. its "sticking qualities and its harmlessness to foliage," the arsenate of lead will prove the more economical under most conditions. D.

## Meetings Next Week.

Albany, N. Y., July 6, 8 p. m.—Albany Florists' Club, 71-73 State street.  
 Buffalo, N. Y., July 4, 8 p. m.—Buffalo Florists' Club, 355-57 Elliott street.  
 Chicago, July 8, 8 p. m.—Chicago Florists' Club, Union Restaurant, 72 West Randolph street.

Dartmouth, O., July 3, 8 p. m.—Dayton Florists' Club, 37 East Fifth street.  
 Detroit, Mich., July 3, 8 p. m.—Detroit Florists' Club, 112 Farmer street.

Grand Rapids, Mich., July 3.—Grand Rapids Florists and Gardeners' Club, office of member.  
 Indianapolis, Ind., July 4, 7:30 p. m.—State Florists' Association of Indiana, State House.  
 Louisville, Ky., July 4, 8 p. m.—Kentucky Society of Florists, Third and Broadway.

Milwaukee, Wis., July 6, 8 p. m.—Milwaukee Florists' Club, Quiet House, Mason and Broadway.

Montreal, Que., July 3, 7:45 p. m.—Montreal Gardeners and Florists' Club, Royal Gardens building, 211 Sherbrooke street, West.

New Orleans, La., July 5, 8 p. m.—German Gardeners' Club, 624 Common street.

Newport, R. I., July 5.—Newport Horticultural Society.

Pasadena, Calif., July 7, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.

Philadelphia, Pa., July 4, 8 p. m.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce.

Pittsburg, Pa., July 4, 8 p. m.—Florists and Gardeners' Club of Pittsburg, Fort Pitt Hotel, Tenth street and Penn avenue.

Salt Lake City, Utah, July 4.—Salt Lake Florists' Club, Hubbard Floral Co., 64 Main street.

Seattle, Wash., July 4.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.

St. Paul, Minn., July 4, 8 p. m.—Minnesota State Florists' Association, 510 Snelling avenue, North.

Utica, N. Y., July 6, 8 p. m.—Utica Florists' Club, Geneva street, opposite square.

Washington, D. C., July 4, 8 p. m.—Florists' Club of Washington, 1214 F street, N. W.

## Wants, For Sale, Etc

## One Cent Per Word, Cash with Adv.

## For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—In packing and shipping department of a Chicago wholesale house; experienced; can furnish the best of references. Key 467, care American Florist.

**Situation Wanted**—By old assistant seed man, either as manager of retail house or a position of trust; can give high class reference; about 30 years' experience in the seed business. Address Key 462, care American Florist.

**Situation Wanted**—Middle aged German gardener, propagator, carnation grower, grower of flowers for the holidays and grower of ten good specialties for greenhouses, bedding plants and general greenhouse plants; perfect in nursery work and outside gardening; with good references; an independent; wishes situation in commercial or private garden. Address Key 464, care American Florist.

**Help Wanted**—Six budders and six tyers; state experience and wages expected. Address W. T. HOOD & Co., Richmond, Va.

**Help Wanted**—10 live salesmen thoroughly acquainted with the florist, nursery and seed trade; must have A1 references; apply by letter only, stating qualifications in first communication. Key 465, care American Florist.

**Help Wanted**—Established seed house, doing good profitable business, seeks managing partner; no money required just ability; owner has other business requiring his time; exceptional opportunity for buyer; give qualifications and references. Key 468, care American Florist.

**For Sale**—Tubular boiler, 36 in. full front; good for three houses, 18x10; \$75.00. LEVANT COE, Battle Creek, Mich.

**For Sale**—Second hand pipe; a fine lot of 3/4, 1, 2 and 3-inch second-hand pipe at low prices; guaranteed in good condition. BAUR GLASS COMPANY, Eaton, Indiana.

**For Sale**—Beautiful 40-acre truck and fruit farm, large greenhouse, small florist and nursery business; price, complete, \$2,000; best bargain in Illinois. M. BENSON, Dongola, Ill.

**For Sale**—Well established greenhouse business for sale; located in a college town half way between Utica and Norwich, N.Y.; terms reasonable. L. R. F. SMITH, Box 1034, Hamilton, N. Y.

**For Sale**—Greenhouse, 20x25; 2 acres in city; good business; 8 room house, modern, located near the Sound; finest view; near car; gravity spring water. O. E. RAMQUIST, 4806 Alki Ave., Seattle, Wash.

**For Sale**—Dwelling and greenhouses, 5000 sq. feet glass; four acres land; good well; good business location; town of 30,000, about two miles from town; price and terms reasonable; manager's death reason for selling. Mrs. C. ALBON, R. No. 3, Texarkana, Ark.

**For Sale**—Greenhouse of 3000 sq. ft. of glass, need enlarging in N. E. Nebraska; good cut flower and design trade, over 20 miles west and north, no competition, K. K. center; cause advancing age. Address Key 446, care American Florist.

**For Sale**—Old established florist and seed business, 20,000 feet of glass; 10 acres; well located and doing a fine local and also mail order business. Have mailing list of 30,000; everything in good shape. Houses well stocked. Want to retire. Good opening for a buyer. Address Key 465, care American Florist.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants, one 20x125 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; one 16x20 feet in connection; good location for retail trade; for further particulars call on or write, 4228 N. 40th Ave., Chicago, Ill.

**For Sale**—Sunnyside Greenhouses for sale on account of ill health; one of the best in central Michigan; will sell for less than half what they cost; 11 greenhouses; over 20,000 feet of glass, with three acres of land; all in running order in city of about 10,000 population, with best shipping facilities. Price, \$5,500. JNO. S. SCHLEIDER, Owosso, Mich.

**For Sale**—A whole or one half interest in 8,000 square feet of glass, flower store, and about four acres of land; one half for \$3,000 cash; the whole for \$5,000 half cash and terms. The land itself sold for \$4,600 in 1890. The present owner cleared better than \$4,000 net in 1909. Business established better than ten years and growing rapidly. Party buying a half interest must be competent to take full management and furnish unquestionable references as to ability, honesty and sobriety. Unless you can fill all the requirements, don't write. Reason for selling: other business requires my attention. Address Key 455, care American Florist.

**For Sale or Rent**—An old established retail florist store in Chicago, located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**Wanted to Lease**—From 15,000 to 30,000 feet of glass, within 50 miles of New York City; modern place required with good dwelling and outbuildings; prefer several acres. Address CHAS. BARSON, Ossining, N. Y.

## WANTED.

Private gardener, Englishman preferred; cottage near grounds; steady position to the right man; references required.

E. C. ROBERTS, Davenport, Iowa.

## Wanted---Seedsmen

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house. Key 440, care American Florist.

## WANTED

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX & SONS, Council Bluffs, Iowa.

## Wanted==Carnation Grower

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves he is a \$15.00 per week man. Address

Key 461, care American Florist.

## FOR SALE Nursery and Farm.

A well located up-to-date nursery of more than 100 acres, one-half mile from thriving town on railroad, and near two large cities; 14 greenhouses, all stocked; 200,000 trees of all kinds; other growing stock and crops. A going concern, with bright prospects. Good reason for selling. Full particulars by addressing

Key 458, care American Florist.

## FOR SALE.

In Western Pennsylvania: an up-to-date retail flower store, doing a good business and catering to a high class of trade. This store is making money, and a good price is asked as there is no immediate need for selling. Best of reason for wishing to dispose of same, and references of the highest character will be furnished. Anyone interested should investigate by addressing

Key 466, care American Florist.

## NEW YORK SALESMEN

We need men who are familiar with the greenhouse trade in and around New York. State age, experience and salary.

Address

## Boilers, care of American Florist

Here's a Mighty Fine Opportunity for a Good Man Who Knows the Nursery Business, or a Firm Who Wants a Branch House.

I own one of the best greenhouse and nursery plants in the country—60,000 feet of glass is now in carnations and 130 acres in general nursery stock. I am a banker, a mighty busy man, and cannot give this enterprise the attention it deserves. A reliable nursery firm, or a competent man who possesses good business ability, will be sold a half interest at a fair price and on reasonable terms. It is desirable—but not absolutely necessary—that such a man should have a knowledge of greenhouse management and a married man is preferable. This locality is unexcelled for growing many kinds of nursery stock, and I believe it is an opportunity for a nursery firm or a capable man to establish a splendid business. If you feel that you are the type of a partner I am looking for and can invest from \$15,000 to \$20,000 write to me at once.

V. Z., McFarland Publicity Service, Box 5, HARRISBURG, PA.  
 Peach budders, who know how, wanted now.



# Summer Roses

**Rhea Reid, Kaiserin,  
My Maryland.**  
These are our Specialty.

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz.     |
|------------------|--------------|
| Extra long.....  | \$3 00       |
| 24-30-in.....    | 2 00         |
| 18 to 24-in..... | 1 50         |
| 12-in.....       | 1 00         |
| 8-in.....        | 75           |
| Short stems..... | Per 100 4 00 |

### Kaiserin, Rhea Reid, Maryland

|                         | Per 100        |
|-------------------------|----------------|
| Extra long select.....  | \$8 00         |
| Good Medium length..... | \$5 00 to 6 00 |
| Good Short.....         | 3 00 to 4 00   |

### Killarney, White Killarney, and Perle.

|                         | Per 100        |
|-------------------------|----------------|
| Extra long.....         | \$ 8 00        |
| Good length.....        | 6 00           |
| Good medium length..... | \$4 00 to 5 00 |
| Good short length.....  | 3 00           |

### CARNATIONS

|                                             | Per 100        |
|---------------------------------------------|----------------|
| Extra fancy, long O. P. Bassett.....        | \$2 00         |
| Fancy long pink and white.....              | 2 00           |
| <b>HARRISII LILIES</b> .....per doz.        | 1 00           |
| " ".....                                    | \$6 00 to 8 00 |
| <b>Lily of the Valley</b> .....             | 3 00 to 4 00   |
| <b>Select Pink and White Peas</b> .....     | 50 to 1 00     |
| <b>Adiantum</b> .....                       | 1 00 to 1 50   |
| <b>Asparagus Sprays</b> .....               | 3 00 to 4 00   |
| <b>Ferns, Eastern</b> .....per 1000, \$1 50 | 20             |
| <b>Galax, Green</b> .....per 1000           | 1 00           |
| " <b>Bronze</b> .....per 1000               | 1 00           |
| <b>Smilax</b> .....per doz.                 | 2 50           |

**Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.**

## BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

### Chicago.

#### SUMMER CONDITIONS.

The first week of summer the city has had a taste of genuine summer weather, hot and more or less muggy with frequent thunder showers, and the flower business has certainly taken on a summer tone. The stock as a whole shows the effects of the warm weather, consequently first-class stock finds a very good sale but there is a large quantity of inferior grade that does not find a purchaser. Light business is the general report, yet many say that it is surely as good as could have been expected considering the weather and time of the year, that there is a call for all the best grade stock, and business is really fair. While there are, of course, many poor roses yet some very fine blooms are to be seen. American Beauties are very good for so late in the season, taking into consideration the unpropitious weather. Some very fine Kaiserins, My Marylands and good Rhea Reids are to be obtained. Killarney is of good color but the flowers lack substance and open quickly and White Killarney has the same fault and the color of these flowers is not nearly as white as the Kaiserin. The planting of the young stock has shortened up the cut, but it is now about completed and the general reports are that it looks fine and has taken hold nicely. While there are some very fine carnations they are not numerous and there are many that are small. The quantity received is growing smaller as preparations for planting the young stock proceeds. It has been so dry that many of the growers came to the conclusion that the plants would be better off in the houses and are getting the plants in as rapidly as possible. There are some exceptionally fine Liliun giganteum to be seen of good substance which are espe-

cially nice for funeral work and some good Liliun candidum which are in bountiful supply. There are also some good Liliun speciosum to be had. Lily of the valley of very good quality is plentiful enough to meet all demands. Nymphæas are plentiful, the retailers are featuring them in their windows and they attract considerable attention. Gladioli are of excellent quality, some splendid spikes, three to four feet long, being offered and the flowers are very fine, especially the Mrs. Francis King and America. Large vases of Iris Kämpferi make a splendid show in the stores and though they don't last any too long, yet make a fine display. Orchids are not plentiful the receipts being quite small. Sweet peas are plentiful but much of the stock is poor, especially that which clearly shows that it is the end of the greenhouse crop. The outside stock is better, yet owing to the heat and dry weather is not as good as is generally found at this season. Peonies are still a factor on the market a few of the dealers still having a good supply and they make a grand showing when displayed in the windows. Gaillardias, coreopsis, rudbeckias, daisies and delphiniums all add to variety to be seen and make a fine show. Ferns are now arriving of good quality and the prices are down to normal figures. There is a good call for asparagus but the stock is plentiful and of excellent quality.

#### NOTES.

Dann Eros. are shipping in to Zech & Mann an exceptionally high grade of Liliun giganteum, the flowers being of extra heavy texture. Mr. Zech is highly elated with the quality of the blooms and says that they are the finest he ever saw grown from cold storage bulbs.

The John C. Moninger Co., 902 Blackhawk street, is having a new catalogue, descriptive of greenhouse build-

## U S Budlong's E Blue Ribbon Valley.

ing and all supplies for that purpose, which will be ready for mailing at an early date, and they will gladly send a copy to our readers on application.

The force at John Muir's had about all they could handle on June 21. The funeral of a prominent automobile dealer calling for a large number of funeral designs, which aggregated into quite a fine day's business for this season of the year.

Emil Kroll has about finished planting his houses with 4,500 American Beauty rose plants. He has been greatly troubled with that bane to all greenhouse men, the cut worm, and is anxious to find some remedy to get rid of them.

W. H. Rogers, the ever-accommodating salesman of Weiland & Risch's store, left on his vacation Sunday, June 24 for Pentwater, Mich., where he will visit his father-in-law.

The Chicago Growers' Association, we are advised, will open for business at 176 N. Michigan avenue, between Randolph and Lake streets, with four floors and basement, July 15.

George Klehm attended the convention of the American Association of Nurserymen held at St. Louis, June 14-16, and while in that city purchased a pair of mules and bronchos.

Alex Newitt, a former resident of this city but now with the Stuppy Floral Co. of St. Joseph, Mo., visited the market this week renewing old acquaintances.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone Randolph 35 CHICAGO, ILL.

## Use Poehlmann's Fancy Valley

Current Price List. — Subject to change without notice.

### AMERICAN BEAUTIES

|                                           | Per Doz. |
|-------------------------------------------|----------|
| Long, specials.....                       | \$3 00   |
| 30-inch.....                              | 2 50     |
| 24-inch.....                              | 2 00     |
| 18 to 20-inch.....                        | 1 50     |
| Short.....Per 100, \$4 00, \$6 00, \$8 00 |          |

### KILLARNEY, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 8 00           |
| Medium..... | \$4 00 to 6 00 |
| Short.....  | 2 00 to 3 00   |

### RICHMOND, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 8 00           |
| Medium..... | \$4 00 to 6 00 |
| Short.....  | 2 00 to 3 00   |

### WHITE KILLARNEY, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 8 00           |
| Medium..... | \$4 00 to 6 00 |
| Short.....  | 2 00 to 3 00   |

### MY MARYLAND, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 8 00           |
| Medium..... | \$4 00 to 6 00 |
| Short.....  | 2 00 to 3 00   |

### PERLE, Select.....

|                | Per 100        |
|----------------|----------------|
| Medium.....    | 6 00           |
| Short.....     | 4 00           |
| Cattleyas..... | \$2 00 to 3 00 |

per doz. \$4 00 to \$8 00

### CARNATIONS,

|                          | Per 100 |
|--------------------------|---------|
| Fancy white and red..... | 3 00    |
| Fancy.....               | 2 00    |

Harrisii Lilies.....\$8 00 to 10 00

Valley.....3 00 to 4 00

Sweet Peas, Butterfly.....50 to 1 00

Daisies, Shasta and Yellow.....1 50 to 2 00

Plumous Sprays, Sprenger.....3 00 to 4 00

Plumous Strings, extra long...per string, 60c

Galax.....per 1000, \$1 25

Ferns.....per 1000, 2 00

Adiantum.....75

## POEHLMANN'S FANCY VALLEY } We make these a specialty. EXTRA FINE HARRISII LILIES } Can supply them all the Year Once tried you will have no other

Canger & Gormley have had a beautiful arranged display of nymphaeas in the window this week. In the centre of the window was a tank filled with water upon which pink, white and red lilies were placed and around the tank and in the window were banks of green moss and sod on which grass seed was planted and growing. Pots of gloxinias and vases of spring flowers completed the display. The window attracted a great deal of attention.

Vaughan & Sperry report that the business has been very good throughout the week and the demand of good stock has been equal to the supply. They are receiving an extremely good grade of sweet peas considering the unfavorable weather with which the growers have had to contend. The peonies are about at an end, the demand for the blooms having about cleaned up the cold storage stock.

The lily of the valley now being grown by Poehlmann Bros. Co. is as fine a grade as we have ever seen during the summer months. Some of the spikes are fully 15 inches in length with extra large bells. The American Beauty roses are of excellent color and splendid stock for the season of the year.

Ed. Winterson celebrated his forty-third anniversary of his birth June 21. It was a long day, the longest of the year, but Ed. was on hand to receive his friends, who are legion, and they all called around and found Ed. fully prepared for their reception. It was a day of reminiscences and good cheer.

Mrs. J. A. Budlong, A. H. Budlong and wife and Philip Schupp and wife are at their summer cottage at Lake Geneva, Wis. Phil is only able to spend a day or two at a time away from the store, however, going up to spend Sunday and rushing back to attend to business.

W. F. Kasting of Buffalo paid the market and his friends a flying visit the first of the week. He speaks very encouragingly of his chance of obtaining the appointment as New York's commissioner of agriculture, but the matter does not appear to be worrying him at all.

The next meeting of the Florists' Club will be held at the Union Restaurant, 72 West Randolph street, July 6, at 8 p. m. The arrangements for the picnic will be announced, and the committee on transportation to the Baltimore convention will make a report.

The Wietor-Sinner fishing party, Sand Lake, Wis. report the fish biting good, and that in two days there were caught 27 pike weighing from two to five pounds each. This report may be relied upon, the writer not being a fisherman.

The Chicago Carnation Co.'s baseball team have been challenged by the A. L. Amling Co.'s team of Maywood for a game in the near future which they have accepted. The date and place for the contest have not yet been fixed.

J. A. Budlong is cutting an extra fine grade of gladiolus, some very beautiful America and Miss Francis King with spikes fully four feet long and with fine large flowers. They report that they are bringing a special price.

Harry Balsley, as genial as ever, was a visitor to the city on June 23, meeting old friends and, incidentally, telling everyone what a good pot the Detroit Flower Pot Co. made and sold and endeavoring to book their order.

Bassett & Washburn have enjoyed a good shipping trade during the week. Their roses are of exceptionally good quality, some very fine Kaiserins now being cut at the houses.

## U S Budlong's E Blue Ribbon Valley.

Peter Reinberg is cutting some very fine American Beauty roses. The color is good for the season of the year and the stem and foliage are exceptionally fine.

J. E. McAdam, of Fort Worth, Tex., is an interested visitor this week looking over the market and meeting his many friends in the trade.

Jack Byers, the hustling little salesman of the Chicago Carnation Co. took a motor boat trip to Saugatuck, Mich., with a party of friends the last week.

J. A. Beaver and wife are spending their vacation on the shore of Lake Erie near Toledo, O. They expect to be away about six weeks.

Chas. Schaffer, Des Plaines, is at Rhinebeck, N. Y., looking up stock for the new violet houses of the Des Plaines Violet Co.

O. P. Bassett and wife, who recently returned from Pasadena, Calif., are going to Detroit for a short visit this week.

Reserve Sunday, June 23, for the Florists' Club picnic at Ehrhardt's grove. Visitors—A. Y. Ellison, of the Forestry Department, St. Louis, Mo., accompanied by Mrs. Ellison; J. E. McAdam, Fort Worth, Tex.; W. F. Kasting, Buffalo, N. Y.; Alex. Newitt, St. Joseph, Mo.; Gus Obermyer, Parkersburg, W. Va.; John Boehner, Dayton, O.; Harry Balsley, Detroit, Mich.



# FULL CROP OF ROSES

Try Some of Our MRS. JARDINE, the Finest PINK ROSE in the Market.

CURRENT PRICE LIST—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 16-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                                         | Per 100         |
|-----------------------------------------|-----------------|
| Killarney, select.....                  | \$ 6 00         |
| " medium.....                           | \$ 3 00 to 4 00 |
| Jardine (finest pink rose), select..... | 6 00            |
| " medium.....                           | 3 00 to 4 00    |
| Bride, select.....                      | 6 00            |
| " medium.....                           | 3 00 to 4 00    |

|                                     | Per 100        |
|-------------------------------------|----------------|
| Maid, select.....                   | \$ 6 00        |
| " medium.....                       | \$3 00 to 4 00 |
| Uncle John, select.....             | 6 00           |
| " medium.....                       | 3 00 to 4 00   |
| Richmond, select.....               | 6 00 to 8 00   |
| " medium.....                       | 3 00 to 4 00   |
| Carnations, fancy.....              | 2 00           |
| " good.....                         | 1 00 to 1 50   |
| Easter Lilies, medium.....          | 8 00           |
| " long.....                         | 10 00          |
| Valley.....                         | 3 00 to 4 00   |
| Ferns.....                          | 1 50           |
| Sprengerl and Asparagus Sprays..... | 50             |

All Green Goods at market rates.

ROSES, our selection, - \$2.00 per 100

WIETOR BROS., 162 N. Wabash Ave., Chicago

## St. Louis.

### STOCK PLENTIFUL.

The weather the past week has been a little cooler. Roses are plentiful as are also carnations, but with few exceptions they are growing poorer every day. During the week there have been a few weddings and graduation exercises as well as some funeral work which has used considerable stock.

### FLORISTS' CLUB.

The Florists' Club celebrated its twenty-fifth anniversary on June 28 with a banquet at Peckman's hotel. The club was organized by J. M. Jordan, Charles Connon, Henry Shaw, Henry Michel, Luther Armstrong, E. W. Gay, Charles Juengel and J. S. Wilson. The first four have passed away, three of them serving the club as its president. The club has had but four secretaries: Luther Armstrong, two years; S. Kehrman, four years; Ernest Shray, fifteen years, and J. Beneke, the present incumbent, three years. The latter has worked indefatigably for the interest of the club. He served as president in 1904 and during his term of office the membership was increased from 50 to 100. The organization has been of great assistance to the florists of the city and stands very high as an association.

H. G. Berning is receiving some fine longiflorum lilies and American Beauties of good color. Arthur Krings, salesman at the store, has returned from a fishing trip down the Gasconade river.

The annual picnic of the St. Louis Florists' Club will take place at Ramona park July 20. All the florists and their families are invited to attend.

Mrs. Ayres of the M. M. Ayres Floral Co. is busy redecorating the store and hopes to be able to enjoy a short vacation.

Louis Magen was killed by a train on the Missouri Pacific railway. He leaves a wife and three children.

W. F.

## Louisville.

At a supper given in the Louisville hotel by the Kentucky Society of Florists in June, R. W. Brown, managing director of the Louisville Convention and Publicity League, addressed the society upon the extending of an invi-

tation to the Society of American Florists to hold the annual convention in Louisville in 1912, and the necessary steps to be taken to induce the society to accept the invitation. He explained to the members the great benefit which would be derived from such a meeting being held here, not only by the florists but by the city at large. He extolled the merits of Louisville as a convention city, saying it was one of the most celebrated cities in the country for such occasions, and one whose hospitality was unbounded, and gave the members his ideas as to the manner of entertaining the visitors. J. B. Stuessy, chairman of the executive committee of the society, has worked hard for several months on this matter, and is leaving no stone unturned to increase the interest in the society and accomplish the task of having the S. A. F. hold its convention here. He is ably assisted by the president, G. R. Miller, who is doing all in his power in getting every florist in Louisville to join the society and do all that they can to help the matter along. G. R.

## Brampton, Ont.

Peonies are done for this season, and with the June weddings all over, the greenhouses are at present in the least inviting condition possible. Roses have been keeping uncommonly well, but carnations run big risks traveling over 400 miles during such weather as we have been having lately. The ground is very dry in this neighborhood and the outdoor carnation plants and asters are badly in need of attention from above.

### NOTES.

Although hardly a single week elapses without a shipment of orchid plants arriving from some part of the globe, for the Dale Estate, so great has been the demand for blooms this month as to render the supply wholly unequal. This season's potted rose plants are in the most vigorous condition, and several orders from the United States testify to the high appreciation of the quality disseminated by this concern, especially when the almost prohibitive duty of four cents per plant is taken into consideration. This firm has three 650-foot houses and ten 350-foot houses planted with American Beauties this year, and the

**U S Budlong's**  
**E Blue Ribbon Valley.**

"The Busiest House in Chicago."

**J. B. DEAMUD CO.**

160 N. Wabash Ave., CHICAGO.

Long Distance Phone, Central 3155.

new rose Mrs. Aaron Ward is also being tried for the first time.

J. E. Cooper, assistant manager of the Dale Estate, also W. R. Taylor and V. Hoskins are away for a couple of months' holiday in Europe.

Isaac Bunting, Colchester, Eng., was here a fortnight ago, on his way to the firm's large lily plantations at Yokohama, Japan.

W. G. P.

## Pansy Lore.

It is comparatively easy to write an article all about pansies, but it is quite another matter to tell readers all about pansies in an article, and when your scribe spoke to the editor about the ambiguity of his title, the great man looked troubled for a moment, but soon came to and said, "Go ahead and tell what you know," with the accent on the you, as though that settled the question, and still leaving the writer in doubt as to the meaning of the infection.

We have never met a man, woman or child who did not like pansies. The little man in the picture, when he strolled into his father's pansy fields, was doubtless already feeling the charm of their delicate beauty, and although the photographer says he caught him in the act of looking over the beds to see if there was likely to be a shortage of flowers for Memorial day—his father is a prominent Boston florist—we know better.

### EFFECT OF CULTIVATION.

Probably no plant is so much affected and improved by cultivation as the pansy. Take any one of our best varieties, plant

# Beauties, Roses, Carnations

**A Large Supply of all the Best Varieties**

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.    |
|-----------------------|-------------|
| Extra long stems..... | \$3 00      |
| 36 inch stems.....    | 2 50        |
| 30 inch stems.....    | 2 00        |
| 24 inch stems.....    | 1 75        |
| 20 inch stems.....    | 1 50        |
| 15 inch stems.....    | 1 25        |
| 12 inch stems.....    | 75c to 1 00 |
| Short stems.....      | 50          |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|              | Per 100                       |
|--------------|-------------------------------|
| Ivory.....   | Select..... \$6 00 to \$ 8 00 |
| Sunrise..... | Medium..... 4 00 to 5 00      |
| Perle.....   |                               |

Roses, our selection..... 3 00

Carnations, fancy..... 2 00

“ good..... 1 50

Harrisli..... 12 00

Valley..... 3 00 to 4 00

Adiantum..... 1 00

Asparagus, per bunch..... 50

Ferns, per 1000..... 1 50

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

it in poor soil and leave it alone for a few years, and it will revert to a small-flowered, weedy specimen, still pretty, but without the lovely coloring and fine shape of the “show” pansy. And, incidentally, the pansy is a flower that cannot be spoiled by cultivation. The old florists of Europe—and some in this country—have a recognized standard for many plants. The flower must have just so many petals; the markings must be just according to their standard, and the flower must hold itself in just such a way. This stiffness has spoiled many flowers from a truly artistic point of view, giving us a set, artificial affair, instead of the graceful forms we all admire. But not so with the pansy. It is true we have seen the flowers set up on flat green boards, with paper collars and frills and other “dressing,” but the flower itself, away from all this frippery, is always beautiful.

### ONE PANSY'S HISTORY.

A good many years ago we found a pansy plant growing in the hard soil of a fruit plantation close up to the bole of an apple tree. There was something about this plant that attracted our attention. Perhaps it was the hopelessness of the struggle it was making against very untoward circumstances, and we at once took a few cuttings and rooted them to see what it would come to. From the first it was apparent that it was a good thing. The habit was excellent; it kept to close tufts, and every little shoot produced a fine, broad flower, not a florist's

Headquarters for **ORCHIDS** and all Fancy Stock  
**CHAS. W. McKELLAR,**  
 162 N. Wabash Avenue, CHICAGO.

pansy, by any means, as the markings were so irregular as to drive an old-time florist crazy, but just the kind of pansy that you and I like to see in our garden, a plant producing countless thousands of showy, beautiful flowers in the ordinary soil of the garden. We had at that time a good collection of herbaceous flowers in the borders and a more or less noted collection of orchids and other valuable plants under glass, but there was not a plant on the whole place that we would not sooner have parted with than the pretty pansy that had so well repaid us for the little trouble we had taken with it. Many hundreds of it were grown and scores of fellow gardeners seeing it were supplied with stock for their gardens, all from the one little forlorn plant we found under the apple tree.

### TUFTED PANSIES.

Speaking of this plant reminds us of the value of the tufted pansies generally. Violas was the very inadequate name given by old-time gardeners to these useful and showy plants, a name that has led to much confusion, as all pansies are, of course, violas in a botanical sense.

**U S Budlong's**  
**E Blue Ribbon Valley.**

The name tufted pansies, given them by a famous horticulturist, suits them well. The habit is close and compact as compared with that of the show pansy, and the flowers are produced in great abundance. They are much the best pansies to grow for garden decoration, as they put up with soil conditions that would not suit the show varieties. They are excellent for bedding and for forming long lines of brilliant color in such parts of the garden as these are needed. They flower in about four weeks from the time the cuttings are inserted, yet they go on improving and flowering more and more freely all the season and, if protected, stand the winter and may be grown again



# We Are Headquarters For Good Beauties, Roses, Peonies, Valley, Carnations, Gladioli

and are prepared to fill your orders at all times. Write for prices.

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

161 N. Wabash Ave., CHICAGO.

the second or even the third season if left undisturbed.

### SHOW PANSIES.

The show or florists' pansies are larger flowering and these are the best for cutting, as the flowers are larger and borne on longer stems. The true forms are either self-colored or regularly marked, an important point from a show point of view being that the marginal band of color usually found in them is regular all around, while the nearer the flower approaches the circular form the better. But, leaving out these true types, there will be plenty of fine, richly colored forms in any batch of seedlings raised from a good strain, and their very variety is their greatest charm. In habit these are not as good as the tufted pansies, as the joints are longer and the plants take on a kind of climbing or rambling habit as distinct from those with which we are comparing them. To obtain the best results, cuttings of selected sorts should be rooted every month and a constant succession will be kept up of large, well-colored flowers.

### WHERE PANSIES THRIVE.

Independent of soils, a suitable position should be sought for pansies. Heavy shade on the one hand and too great exposure to sun on the other are to be avoided; the one leads to weak, spindly growth, and in the other the plants are burnt up and the color taken out of the flowers by the hot sun. There are usually many suitable positions in most gardens, places where adjacent trees throw a shade during the hottest part of the day, yet far enough from the stem of the tree to be out of the reach of the largest roots, which rob the soil. Where there are walls with a north or northeast exposure semi-shaded spots are found that are excellent for the summer culture of these plants, where the foliage keeps clean and cool and the flowers last in perfection for a long time.

### WINTERING PANSIES.

In cold localities pansies must have some protection. They are hardy enough to stand a few degrees of frost, but not sufficiently so to withstand the constant freezing and thawing and the bitter winds of winter in the northern states and Canada. Everyone must be guided by his or her circumstances. In the open ground they are best covered with leaves and litter; not deeply or heavily, but lightly. A better plan is to have the plants taken to a cool greenhouse or protectors where they can be protected from the elements without having all the light excluded. It is hardly worth while protecting more than is wanted for stock purposes, as they can be easily and quickly propagated, and where a greenhouse bench can be spared, either seedlings or plants from cuttings may be had quite as early as it is safe to plant them out.

### SOIL FOR PANSIES.

The most suitable soil for pansies is one containing some clay or marl, yet not so heavy as not to work freely. Very light, sandy soils are not so suitable, but may be improved by the addition of clay or marl in a finely divided condition, by mixing turfy or fibry loam with it, and by using half-decayed cow manure as a stimulant to growth, as this is cooler to the roots and more lasting than horse manure. A mulch of an inch or two of old soil or well-decayed manure in hot weather is also an advantage in keeping the surface moist and the roots cool.

Very stubborn or heavy soils are improved in just the opposite way. They are inert; cold in winter, and in summer crack badly and bake up, allowing the sun's rays to penetrate to the roots and the moisture to escape. But when, by the addition of grit, sand or silt or even ashes, these stubborn soils can be made to work well they are the very finest possible medium for show pansies, producing fine, strong growth and heavy, well-colored, substantial flowers. It is necessary to plant somewhat later in such soils and to keep the surface constantly stirred to prevent cracking. A thin mulch of light, littersy manure is also of advantage here, and by pricking this in spring and autumn humus is made and the soil still further improved.

### SOWING PANSIES.

Pansy seed may be sown either in spring or fall: in fall for early flowering under glass; in spring for flowering outside. Always buy the best seed procurable, of a good strain and from seedsmen of repute. If only a few plants are needed, sow a pan or flat in the greenhouse or frame. If more, allow a part of a greenhouse bench, large enough for the requirements. Have the soil thoroughly moistened before sowing, sow very thinly and cover the seeds with only the merest covering of light, sandy soil. Cover the seed bed with paper or a mat, and probably no more water will be needed until the seedlings are up. But should the surface be dry, a light sprinkling may be given, carefully avoiding swilling out the seed, or swilling it to one side of the bench or flat. As soon as the plants are large enough, prick them out two inches apart each way in a cold frame or house to grow into stout plants for putting out in May or earlier, according to locality. February and March are the best months, respectively, for southern and northern localities. We hope to return to this subject anon, and in the meantime the experience of fellow cultivators would doubtless be of interest to others besides.

### Seasonable Floral Arrangements.

At no season of the year are flowers more abundant than during the months of June, July and August, and at the present time there are numerous subjects, hardy and otherwise, that al-

## U S Budlong's E Blue Ribbon Valley.

low of a frequent change being made. A well-arranged hardy flower border invariably provides a goodly number of subjects from the early spring until quite late in the autumn, and during the three months mentioned there is a wealth of material available for those who will take the trouble to grow these hardy plants. The first expense is practically the only one, and, except for adding an occasional new and choice subject to the already long list, the grower has only to keep his plants growing, and divide the extra large clumps every few years. One may cut and come again without materially interfering with the display, and monotonous in floral arrangements is almost unknown in such circumstances.

Just now (July 2) the oriental poppies are very striking in the hardy border. Where numbers of plants are grouped together, it is quite an easy matter to cut many stately and effective blossoms for large vases. Large jars, trumpet vases and receptacles of a similar character display these beautiful flowers to perfection, and if they are lightly disposed, they make a noble decoration. The Spanish iris is another subject that merits special attention at this time. These flowers are grown in many gardens and in wonderful variety. The Spanish iris is often described as the "hardy orchid," and it certainly deserves all the commendations bestowed upon it, on account of its easy culture and its great value for cutting. Infinite variety of color is now represented in these beautiful flowers. The uses to which blooms of this iris may be put are endless. They are welcomed in almost every decoration, but to see them at their best, they must be cut with long stems, and disposed so that both the flower and the flower-stalk each contribute to the floral picture. Some people are foolish enough to gather the blossoms with just a few inches of stem, in which case it is impossible to set them up artistically. The long, spiky foliage of the iris is quite sufficient embellishment for the flowers. In arranging the blossoms in the various receptacles, avoid crowding, each flower being so disposed that individually and collectively its full beauty is seen and properly displayed.

The pyrethrums are also much in evidence at this season. The single-flowered kinds, in the opinion of many flower-lovers, are considered better for cutting than the double-flowered kinds.

# Cut Flowers E. H. HUNT

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FLORISTS' SUPPLIES TOO.

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L. D. Phone Central 466.

Chicago

We will have anything in the line of  
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Chicago market prices on day of shipment.

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Wholesale Growers of Cut Flowers,

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Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

It may be attributed to the more vivid and rich coloring seen in the single section, and then we should remember that the rich yellow center or disc of the single flowers contrasts so very effectively with the crimson, scarlet, carmine, pink, rose, and many other pleasing colors represented in the ray-flowers of this type of the pyrethrum. They are plants of the easiest possible culture, are extremely hardy, and, when established, yield a wonderful display of blossoms for a considerable time. Trumpet vases, deep bowls and deep glasses, etc., set off these flowers to advantage, and so long as a stiff system of arrangement is avoided, the result is always pleasing. In gathering the flowers they are sure to be cut in varying lengths, and so long as the ends of the stems are always kept together, the disposition of the blooms in the vase, etc., will be all right. When gathered in this fashion, just drop the blooms into the receptacle, leaving them to adjust themselves in position. It is well to contrast the colors somewhat. We recently judged a vase in which brilliant crimson flowers were contrasted with other flowers of a cream color, and under artificial light the effect was excellent.

In a vase I recently saw, the flowers were all white, and the arrangement was very chaste. The flowers represented were White Stocks, which stood out well above *Gladiolus The Bride* and a number of double white pyrethrus, each subject being lightly dispoised, so that the good points of each flower were seen to advantage. The only foliage was a few sprays of hornbeam gathered from the hedgerow, the varying tints of green and bronze being most appropriate in association with the white flowers. Sweet peas are coming on apace. There is now infinite variety in color in any ordinary collection of plants. It may be well to emphasize the importance of taking advantage of the full length of stem of these flowers. Nothing is more distressing in an arrangement of the flowers of the sweet pea than for one to see the stately and elegant flower-stalks shortened to six or eight inches. When treated in this fashion, much of the beauty and grace of this subject is

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CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO, June 28.                | Per doz.   |
|----------------------------------|------------|
| Roses, Beauty, specials.....     | 3 00       |
| " " 24-in.....                   | 2 50       |
| " " 18 to 20-in.....             | 2 00       |
| " Shortstem.....                 | 1 50       |
| " Killarney.....                 | 50¢ 00     |
| " White Killarney.....           | Per 100    |
| " Richmond.....                  | 3 00 10 00 |
| " My Maryland.....               | 3 00 10 00 |
| " Kaiser.....                    | 3 00 10 00 |
| " Bride.....                     | 3 00 8 00  |
| " Bridemaid.....                 | 3 00 8 00  |
| " Rhea Reid.....                 | 3 00 8 00  |
| " Mrs. Jardine.....              | 3 00 8 00  |
| " Perle.....                     | 3 00 6 00  |
| Carnations.....                  | 1 50 3 00  |
| Daisies, Shasta and Yellow.....  | 1 50 2 00  |
| Gladiolus..... per doz.          | 1 00 1 50  |
| Harris..... per doz.             | 1 50       |
| Orchids, Cattleyas..... per doz. | 4 00 2 00  |
| Peonies.....                     | 6 00 2 00  |
| Sweet Peas.....                  | 3 00 1 00  |
| Valley.....                      | 3 00 4 00  |
| Adiantum Croweatum.....          | 1 00       |
| Ferns..... per 1000              | 1 50       |
| Galax.....                       | 1 25       |
| Leucothoe.....                   | 75         |
| Plumous String..... each         | 60         |
| Smilax..... per doz.             | 2 00 3 00  |
| Sprenger, Plumous Sprays.....    | 3 00 4 00  |

lost. The stems of the sweet peas are an important element of their beauty, and I cannot understand shortening them in the manner I have described. A few pieces of sweet pea haulm and dainty tendrils are the most appropriate accompaniments for sweet pea flowers; other foliage, etc., seems to be quite out of place. I have no sympathy with the practice of using *Gypsophila elegans* and grasses with sweet peas as they seem to detract from the value of the latter flowers. In the floral arrangements of the house, sweet peas should be in frequent request, and, as the plants do so much better when the flowers are gathered regularly each day, it should be an easy matter to frequently change the color scheme. Lavender and kindred tones of color, or lavender and cream or white flowers, should be avoided for evening decoration, as they are not effective under artificial light. Pink and rose or blush colors are beautiful at all times, creating a pleasing and charming picture both by natural and artificial light. Crimson and scarlet tones are brilliant at night. On a hot, trying day, these rich and vivid colors are less pleasing than the softer tones of color of the pinks and kindred shades. A few flow-

## WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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## A. L. Randall Co.

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ROSES and CARNATIONS  
Our Specialties.

## Geo. Reinberg

Wholesale Florist

162 N. Wabash Avenue, CHICAGO.

ers deftly disposed are far more attractive than a mass of flowers jumbled together in meaningless fashion.—Gardening Illustrated.



### BUT HOW MUCH CONSIDERATION?

# Rose Plants

|                               | Per 100 | 1000    |                                  | Per 100 | 1000    |
|-------------------------------|---------|---------|----------------------------------|---------|---------|
| Beauties, 3-in. pots.....     | \$8 50  | \$75 00 | Pink Killarney, 3-in. pots.....  | \$8 00  | \$75 00 |
| Kaiserin, 2 1/2-in. pots..... | 6 00    | 50 00   | Mads, 3 1/2-in. pots.....        | 7 50    | 60 00   |
| Kaiserin, 3 1/2-in. pots..... | 8 00    | 70 00   | 600 W. Killarney, 2 1/2-in. .... | 6 00    |         |
| Richmond, 3-in. pots.....     | 7 50    | 60 00   |                                  |         |         |

All of these plants are in fine condition. Ready for immediate shipment.

**EARLY CLOSING**—During the summer months, every day at 6 p. m.

**THE LEO NIESSEN CO., 1209 Arch St., Philadelphia, Pa.**

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street,

PITTSBURGH, PA.

Cincinnati.

BUSINESS SLOW.

Business locally is none too brisk, in fact it is decidedly slow. As is usual at this time of the year funeral work forms the bulk of the retailer's business. There are but few really choice flowers. The good ones are completely comprised in a list including a few varieties of roses, lilies, sweet peas, Shasta daisies and gladioli. Beyond that a large amount of the stock would do for nothing but design work. In white roses the supply easily more than equals the demand, while in pink the offerings and the calls are about equal. Carnations are about ready to make their last bow to the 1910-1911 season. Sweet peas are good and enjoying a fine sale. The market on Shasta daisies varied last week. At times, probably the times for replenishing the retailers' ice boxes, the sale was everything the grower might expect, while between these spurts they did not move at all. Other flowers offered include Lilium giganteum, lily of the valley, gladioli, reverfew, candytuft and coreopsis. The green goods market is ample.

NOTES.

Geo. Magrie has been cutting some excellent sweet peas at his plant in College Hill. H.

Cleveland.

STOCK OF GOOD QUALITY.

There are plenty of roses to go around of all colors. Kaiserin of good quality are arriving in quantity and the demand is all that could be desired they being used both for wedding bouquets and funeral work. American Beauties, both medium and short stemmed, are now in full crop and meet with good sale, for they keep longer and the flowers are better than either red or pink roses. Short stems are used for funeral work and the medium and long stems for decorations and vases. Carnations are about the same, both as to quality and quantity, as the last report and have sold up clean. Sweet peas are very plentiful, one retailer selling "about a million," as he expressed it at a sale which he held. Candidum lilies are meeting with an excellent demand, the quality being exceptionally fine. Water lilies, white, pink, red and yellow, are selling splendidly, the colored ones especially being in demand far in excess of the supply. The call for gladioli far exceeds the supply. Larkspur, iris and phlox are used extensively for decorative purposes as are rambler roses both pink and white. Lily of the valley is in good demand and the quality exceptionally fine. New fancy and dagger ferns are very good.

NOTES.

"C. A. B. the Florist," now occupies the store recently vacated by the

Fine  
Cut of

# SUMMER ROSES

Now  
on

**THE McCALLUM CO., Inc., Pittsburg, Pa.**

## Wholesale Flower Markets

| PHILADELPHIA, June 28.    | Per 100       |
|---------------------------|---------------|
| Roses, Beauty, extra..... | 20 00@25 00   |
| " Brides and Maids.....   | 10 00@15 00   |
| " Killarney.....          | 4 00@8 00     |
| " White Killarney.....    | 4 00@10 00    |
| Callas.....               | 3 00@10 00    |
| atties.....               | 25 00@25 00   |
| Forget-me-nots.....       | 2 00@4 00     |
| Gardenias.....            | 2 00@3 00     |
| Lilium Harlow.....        | 6 00@10 00    |
| Lily of the Valley.....   | 3 00@5 00     |
| Mignonette.....           | 4 00@6 00     |
| Peonies.....              | 3 00@8 00     |
| Snapdragons.....          | 4 00@12 00    |
| Sweet Peas.....           | 40@1 00       |
| Adiantum.....             | 1 00@1 50     |
| Asparagus.....            | per bunch, 50 |
| Smilax.....               | 15 00@20 00   |

| PITTSBURGH, June 28.               | Per 100        |
|------------------------------------|----------------|
| Roses, Beauty, special.....        | 15 00@20 00    |
| " extra.....                       | 10 00@12 00    |
| " No. 1.....                       | 5 00           |
| " Bride Bridesmaid.....            | 2 00@6 00      |
| " Chateaux.....                    | 2 00@6 00      |
| " Killarney.....                   | 2 00@6 00      |
| " My Maryland.....                 | 2 00@6 00      |
| " Richmond.....                    | 2 00@6 00      |
| Carnations.....                    | 50 00          |
| Cattleyas.....                     | 2 00           |
| Lilium Longiflorum.....            | 10 00          |
| Lily of the Valley.....            | 4 00           |
| Sweet Peas.....                    | 50@1 00        |
| Adiantum.....                      | 1 00           |
| Asparagus Sprenger, per bunch..... | 35             |
| " strings.....                     | per string, 35 |
| " sprays.....                      | per bunch, 35  |
| Peonies.....                       | 3 00@4 00      |
| Smilax.....                        | 15 00          |

Schneider Floral Co. on Euclid avenue. The entire store has been remodelled in up-to-date style, and is doing a very fine business. Mr. Bramley is a hustler and will conduct a first-class store in every respect.

G. P. Braund, one of the oldest florists of the city died Sunday evening, June 18, after a long illness.

C. F. B.

Pittsburg.

BUSINESS QUIET.

The good old summer time rights itself again. Lots of hot weather and business is a little quiet, with a good supply of stock. Summer roses are coming in heavily and arriving in nice condition. Lilies are moving slow. Greens of all kinds are overplentiful.

NOTES.

M. B. Schreiber, McDonald, was very unfortunate last week. Thieves entered and looted his home and escaped uncaught.

J. Beck, New Castle, was a business caller today, and states business is a little slow down his way.

J. B. Martin, of the McCallum Co., is spending his vacation at his home in Waynesburg, Pa.

J. J. Fuchs, South Side, is having quite a run on funeral work this week.

—THE—

**J. M. McCullough's Sons Co.,**

Wholesale Commission Florists.

—CONSIGNMENTS SOLICITED.—

Special attention given to Shipping Orders.

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## Hoffmeister Floral Co.

Lickrun, Cincinnati, Ohio

Wholesale Growers

**BOSTON FERNS**

5 inch, \$25.00; 6 inch, \$40.00; 7 inch, \$60.00 per 100.  
Also fine **Pilumnus Stripes** at..... 50c

J. W. Glenn, Kittanning, is putting in a new ice box and remodeling his store.

E. J. McCallum is spending a few days sailing on Conneaut Lake. J.

GREENWICH, CONN.—Alexander Mead & Son has purchased a new business block of W. J. Smith on Greenwich avenue.

SHELburne FALLS, MASS.—Paul Burt of Greenfield has purchased the business of L. S. Fife and will take possession July 1.

SPRINGFIELD, O.—Gustave Schneider had a most attractive window display consisting of moss arranged as a miniature lawn decorated with flowers.



## Baltimore.

## SHORTAGE OF STOCK FOR PLANTING.

Trade has dropped off considerably the past week, still there are some weddings and entertainments that call for decorations and floral work. Great difficulty is being experienced by the retailers in procuring stock, for the hail storm put many of the growers temporarily out of business. The rose growers were nearly all in the section where the hail did the most damage, and the plants were badly cut, in some cases almost down to the roots. Lily of the valley is the only flower that is not in short supply. There is a great shortage of carnation and chrysanthemum plants many of which were destroyed during the storm.

## NOTES.

A trip through the district where the recent hail storm did so much damage found the houses and stock in terrible condition. The stock is badly damaged and cart loads of broken glass are being hauled out of the houses, extra help being employed in clearing up, but the same spirit is manifest that was shown after that other great calamity, the Baltimore fire, and it will be but a short time before the devastation will be obliterated.

A party representing the entertainment committee of the club which consisted of R. L. Graham, M. Richmond, G. Morrison, J. J. Perry, J. L. Townner and G. Johnston, took a trip on the bay to Betterton, inspecting the grounds, after which supper was had at the Chesapeake hotel.

James T. Hamilton of Mt. Washington is erecting a house 42x200 feet, which will be planted to roses. Mr. Hamilton now has over 40,000 square feet of glass devoted to rose and carnation culture.

During the storm that did so much damage in the vicinity of this city, Fred Reitz of Franklinville had the ventilator sashes blown off of one house.

The new Gem City boiler was received at the new plant of Stevenson Bros. at Govanstown this week.

Two new seed houses will be established in this city, the Frederick Weisseman Seed Co. and Robinson Bros.

J. L. T.

## Philadelphia.

## GOOD STOCK SELLS WELL.

Quite a few weddings gave an impetus to business the past week, the good stock being gathered up about as fast as it was offered for sale. American Beauties have deteriorated greatly and pots of one hundred or more blooming medium priced roses more than two to three dozen specials. The eastern stock now has the call and for the best specials as much as \$8.00 per dozen is asked. My Maryland roses are now preferred to Killarneys. Some new crops of the latter are coming in showing very good flowers. There is a good demand for white roses and in fact all kinds of white flowers. Those who had them found a good sale for Dorothy Perkins. Sprays of flowers of this beautiful pink climbing rose were in good demand at from \$2.00 to \$3.00 per hundred. The Robert Craig Co. also cut quantities of the American Pillar which is another sure winner. Another outside flower that met with good sale was larkspur, the beautiful spikes of this lovely blue flower are very decorative and should prove a profitable field crop. Lily of the valley sells well, the quality of the special stock running very good. Considerable eastern stock is sold in this market, the home growers not seeming to be able to keep up with the demand. Cattleyas keep moving, at times there appears to be too many, but the market soon balances and too often in fact

goes the other way. The shipping trade is increasing rapidly, the outside demand being much greater than that of a year ago.

## NOTES.

Friday, June 23, was opening day at the Waretown Rod and Gun Club. Commodore John Westcott's Bay Side cottage on Barnegat Bay. A goodly crowd gladly accepted the invitation to be present, Wm. R. Smith, John Clark, and Wm. Gude came on from Washington. John N. May of Summit, N. J., W. J. Stewart and John K. M. Farquhar of Boston, were the out of town guests, while John Burton, George Anderson, David Rust, Robert and George Craig, S. S. Pennock, F. Michell, Jr., Wm. Westcott, Robt. McKinney, D. C. Donoghue, George C. Watson, Dr. Lane, and Hugh Eble, composed the party from Philadelphia. Sailing and fishing parties enjoyed the waters of the bay, the fishermen making quite a nice haul of blue fish. As an appreciation of the work of the Commodore, making possible these delightful trips, he was presented with a complete set of Balzac's works, Robert Craig making the presentation in his usual good style. The Commodore in accepting thanked them, but wished in his modest way that they would not bring gifts, he only wanted their presence and that they should come and enjoy themselves to the full and he would feel more than repaid. The health of the Commodore was drank with a will and the hope that he would live long to enjoy many more of these pleasant occasions.

Building is a trifle slow although D. T. Connor, the pushing representative of the Lord & Burnham Co., says he had to work hard to keep ahead of his orders. He reports that the Stephenson's Sons' large house is now completed and being planted. Wide doors, either side of the house, which admitted carts, greatly facilitated the filling and the Stephensons are delighted with the structure. Frank Adelberger of Wayne, is erecting a house 28x145 feet. John Burton of Wyndmore, is rebuilding two houses 22x100 feet. F. M. Palmer of Kennett square, has three houses under way 20x140 feet, F. Carey, one 28x100 feet and Worrall & Wilkinson, two 28x140 feet, the latter two firms are also of Kennett Square. Carnations and tomatoes are the specialties of the Kennett Square growers. Mr. Connor says that the Lord & Burnham Co. will remove their offices on July 1 to No. 516 Franklin Bank building corner of Broad and Chestnut streets, which is one of the most central locations in the city. K.

## Washington.

## EFFECTS OF THE DROUGHT.

Business, which was very good through May and the first weeks of June, is now a very elusive quantity. The best patrons of the retail stores are, as a rule, at their summer homes or traveling abroad. Funeral work and cheap bunches constitute the bulk of the retail trade. The quality of flowers, as may be expected is poor, though considering the condition of business there is plenty to supply all demands. Though it is dull in stores there is no lack of work in and about the greenhouses. Rose planting being over the growers can only pause to take breath before they begin to bench their carnations. The great drought of May gave us a good illustration of how dry carnations can get, and live. Since the rain came the plants in the field have picked up wonderfully, particularly those that were large and strong when planted. The small and weak stock is very slow in making growth. Several growers, seeing no prospect for asters in the field during

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Telephone: 8346 Madison Square.

136 W. 28th St., New York City

the dry weather, there is a shortage of their carnations and asters, which are doing well. The asters in the fields are also making good growth and if they can run the gauntlet of bugs, worms and possibly more dry weather there may be a fair crop but it will be late.

## NOTES.

Percival M. Brown, a son of the late Geo. M. Brown, died at his home in this city, June 18. He was 42 years old, and had been a successful and highly respected lawyer. He was also a director of the Chamber of Commerce. Among the honorary pallbearers at his funeral were Chief Justice Claybaugh and Associate Justices Gould and Wright of the District Supreme Court and Wm. F. Gude, ex-president of the Chamber of Commerce.

The bowling team now meets every Wednesday night for practice in anticipation of the coming event at Baltimore. Geo. H. Cooke still has his left hand bandaged but as he bowls with his right he always gets in the game. It is now believed that his hand, which was poisoned, will soon be healed.

Geo. E. Burnap, who succeeded the late Geo. H. Brown, as landscape architect for the parks, under the War Department, is showing by his work in Potomac and other parks, that he is well qualified to carry out the great improvements that must be made as the park system is extended. Adolphus Gude, who superintends the growing at their extensive range, acknowledges that he is very busy getting ready for another season. His roses are looking well and a great stock of chrysanthemums has been planted. Mr. Gude will be seen at the S. A. F. convention.

The annual outing of the Florists' Club will be held at Huntsville, Md., on July 12. Incidentally it may be stated for a fact, that no heads will be broken on account of that date being the anniversary of the Battle of the Boyne.

J. R. Freeman, who was in poor health during the latter part of the winter and early spring, has, we are pleased to state, recovered and his cheerful face is now frequently seen in his store and about town.

John Robertson, Jr., was married in Baltimore about two weeks ago and rumors come thick and fast of others in the younger set of florists who contemplate this serious and solemn business.

A. B. Garden is building two new rose houses, the glass being now on the one first started.

Geo. Field furnished a large number of fine orchids to the retailers for the Taft silver wedding.

J. H. Small, who has been very busy during the season, has gone north for a short vacation.

W. F. Gude attended Commodore Westcott's opening at Waretown.

A. F. F.

PHILADELPHIA

NEW YORK

WASHINGTON

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Everything in Cut Flowers.



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Trial  
We can  
Please you.Roses, Carnations and all kinds of  
Seasonable Flowers in Stock.**WM. F. KASTING CO.** Wholesale  
Commission  
Florists.  
BUFFALO, N. Y.  
Florists' Supplies and Wire Designs.**Wholesale Flower Markets**

NEW YORK, June 28

|                                  |              |
|----------------------------------|--------------|
| Roses, Beauty, special.....      | 10 00@ 10 00 |
| "    extra and fancy.....        | 6 00@ 8 00   |
| "    No. 1 and No. 2.....        | 1 00@ 3 00   |
| "    Bride, Bridesmaid, special. | 3 00@ 5 00   |
| "    extra and fancy.....        | 2 00@ 3 00   |
| "    No. 1 and No. 2.....        | 50@ 1 00     |
| "    Killarney, My Mary Ind. spl | 3 00@ 5 00   |
| "    extra and fancy.....        | 2 00@ 3 00   |
| "    No. 1 and No. 2.....        | 50@ 1 00     |
| "    Richmond.....               | 1 00@ 6 00   |
| Carnations.....                  | 1 00@ 3 00   |
| Callas.....                      | 4 00@ 5 00   |
| Cattleyas.....each.....          | 35@ 75       |
| Gardenias.....per doz.....       | 50 00@ 70    |
| Lilium Longiflorum.....          | 2 00@ 5 00   |
| Lily of the Valley.....          | 1 00@ 3 00   |
| Sweet Peas.....per doz.bchs.     | 35@ 1 00     |

BUFFALO, June 28

|                                     |              |
|-------------------------------------|--------------|
| Roses, Beauty, special.....         | 20 00@ 25 00 |
| "    extra.....                     | 15 00@ 20 00 |
| "    No. 1.....                     | 10 00@ 12 00 |
| "    No. 2.....                     | 8 00@ 10 00  |
| "    Bride Maid, Killarney.....     | 2 00@ 3 00   |
| "    Killarney, White and Pink..... | 2 00@ 6 00   |
| Carnations.....                     | 1 00@ 2 00   |
| Daisies.....                        | 1 00@ 1 50   |
| Lilium Longiflorum.....             | 8 00@ 10 00  |
| Lily of the Valley.....             | 3 00@ 4 00   |
| Sweet Peas.....                     | 40@ 50       |
| Adiantum Crownatum.....             | 75@ 1 50     |
| Asparagus per bunch.....            | 35@ 50       |
| Asparagus Sprengeri.....            | 35@ 50       |
| Asparagus Str.....                  | 50@ 60       |
| Ferns.....per 1000.....             | \$1 50       |
| Galax, bronze.....per 1000.....     | 1 00         |
| Smilax.....                         | 15 00        |

**WILLIAM H. KUEBLER**

Wholesale Commission Dealer in

**CUT FLOWERS**

28 Willoughby Street,

Tel. 4591 Main.

BROOKLYN, N. Y.

Mention the American Florist when writing

**Charles H. Totty**

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my specialty.

Mention the American Florist when writing

**Moore, Hentz  
& Nash,**

WHOLESALE COMMISSION FLORISTS

55 and 57 West 26th Street.

Telephone No. 756  
Madison Square.

NEW YORK.

Mention the American Florist when writing

**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses,  
Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 2200 and 2201 Madison Square  
Mention the American Florist when writing**Walter F. Sheridan**

WHOLESALE FLORIST,

Telephones: 3532 and 3533 Madison Sq.

131 &amp; 133 West 28th St., NEW YORK.

Mention the American Florist when writing

**KESSLER BROS.**

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere  
Prompt and satisfactory. Consignments solicited**M. C. FORD**

Successor to FORD BROS.

Receivers and  
Shippers of **FRESH FLOWERS.**

121 West 28th St., NEW YORK

Telephone 3870-3871 Madison Square  
Mention the American Florist when writing

A. MOLTZ

MAURICE L. GLASS

**A. MOLTZ & COMPANY,**  
WHOLESALE FLORISTS

55-57 West 26th St., NEW YORK

Telephone Madison Square 617 and 618.

**N. Y. Cut Flower Exchange**Coogan Bldg., 6th Ave. & W. 26th St., New York  
Open for Cut Flower Sales at 6  
o'clock Every Morning

Desirable wall space to rent for advertising.

**V. S. DORVAL, Secretary.**

—FLOWERS SHIPPED BY—

**P. J. SMITH,**Are the best product of the best growers  
for the New York market.

Adiantum Crownatum sold here exclusively.

49 West 28th St., NEW YORK

Telephone 1998 Madison Square.

Mention the American Florist when writing

**A. L. YOUNG & CO.**

Wholesale Florists

Consignments Solicited.

Telephone. 349 Madison Square.

54 West 28th St., NEW YORK.

Mention the American Florist when writing





A. Miller.



A. Henderson.



G. Reburn.

THE FIRM OF A. HENDERSON &amp; CO.

**Buffalo.****VACATIONS COMING.**

Warm weather, a moderate supply of flowers of fair quality, and a big demand for what is usually scarce in cheaper flowers for the school commencing have given us the largest part of our work the past week. Weddings of various proportions from the lone bouquet for the brick block to the elaborate church and house decoration has kept the florists more than busy, but this week will finish it, and from July 1 until vacation time comes, everyone will have that tired feeling. After vacation will be another lull until fall trade commences, and many get tired looking for trade to come, but such is life and the florist must take his share. Sweet peas are getting better daily. Candidum lilies have come and gone and Harrisii are getting scarce. Carnations are small, but Killarney and American Beauty roses are fair and all are looking for asters and Lilium roseum. But if we do not get more rain many will be sadly disappointed in their supply.

(FOR BUFFALO NOTES SEE PAGE 1212.)

**A. Henderson & Co., Chicago.**

The firm of A. Henderson & Co., which started in business January 1, 1911, at 162 N. Wabash avenue, Chicago, with A. Henderson and G. Reburn as partners, have added A. Miller, another bright young man with considerable experience, to the personnel of the concern. The firm has been doing a general jobbing trade in seeds, bulbs, plants and supplies, and is now looking for a suitable store in which to carry on a retail business in these lines. It affords us great pleasure to present herewith the portraits of the members of the firm, all of whom are well known to the trade. Mr. Miller, the new acquisition, has lately been representative of the Philadelphia firm of Skidelsky & Irwin, on the road.

**U S Budlong's**  
**E Blue Ribbon Valley.**

## BUY SWEET PEAS DIRECT FROM GROWER

You get first-class stock at medium price.

**JERSEY GREEN HOUSE****F. Windeler.****RUSHVILLE, IND.**

## Loretta or Huckleberry, \$1.50 per case

A fine substitute for Southern Wild Smilax. Extensively used for June decorations. Order direct from our Southern Branch.

**HENRY M. ROBINSON & CO.,****McWilliams, Ala.**

## Sheet Log Moss

Fresh and Green

\$1.25 per 2-bushel sack, for immediate delivery.

**CHAS. H. CRAMER,**

Florist.

UNIONTOWN, PA.

## Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and Natural Sheet **MOSSSES**

Quality and service unequalled.

**E. A. BEAVEN, Evergreen, Ala.**

SEND US YOUR ORDERS FOR

## HUCKLEBERRY FOLIAGE

A pleasing substitute for Wild Smilax.  
Same size cases as Wild Smilax, \$2.50.

**Caldwell the Woodsman Co.**

EVERGREEN, ALA.



## George Cotsonas & Co.

Wholesale and Retail Dealers

in all kinds of **Evergreens**

Fancy and Dagger  
Ferns, Bronze and  
Green Galax, Holly,  
Leucothoe Sprays,  
Princess Pine, Etc.,

Delivered to all parts of United States and Canada  
127 W. 28th St., bet. 6th & 7th Aves., New York  
Telephone 1202 Madison Square.

## DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

**Wittbold**  
**FLORIST**

739 Buckingham Place,  
L. D. Phone Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

Brooklyn, New York.

**"WILSON"**

3 and 5 Greene Ave. and 339 to 347 Greene Ave.

Greenhouses: Short Hills, N. J.

— Deliveries in —

NEW YORK, LONG ISLAND AND NEW JERSEY.

Mention the American Florist when writing

NEW YORK  
**Malandine**  
**Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

Mention the American Florist when writing

Buffalo, Niagara Falls, Lockport.

**S. A. Anderson,**

440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

Mention the American Florist when writing

New York.

**Hartmann's**  
**Rosary**

2654 Broadway. Tel. Riverside 8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

Mention the American Florist when writing

New York and Washington, D.C.

**J. H. Small & Sons**

FLORISTS

New York:

1153 Broadway and Waldorf-Astoria.  
Washington, D.C.: Cor. 14th and G Sts.

Mention the American Florist when writing

Indianapolis, Ind.

**Bertermann Bros. Co.**

FLORISTS

.....241 Massachusetts Ave.

Mention the American Florist when writing

**Washington,**  
**D. C.**

14th and H Street

**Blackstone**

Also

1601 Madison Ave.

**Baltimore, Md.**

J. DAN BLACKSTONE

Chicago.

**A. LANGE,**

25 E. MADISON ST.

Montreal.

**McKenna**

All orders receive prompt attention. Choice  
Beauties, Orchids and Valley always on hand



FROM NEW YORK EXCEPT AS NOTED.

July 3.

Saxonia, Cunard, Piers 54 and 56, North River.  
FROM BOSTON, Cymric, White Star, 4 p. m.,  
Charlestown Pier.

July 4.

Ryndam, Holl-Amér., 10 a. m., Hoboken Pier.  
Kronprinz Wilhelm, No. Ger Lloyd, 10 a. m.,  
Hoboken Pier.

July 5.

Mauretania, Cunard, Piers 54 and 56, North  
River.  
Majestic, White Star, 3 p. m., Piers 60 and  
61, North River.

FROM BALTIMORE, Brandenburg, No. Ger.  
Lloyd, 2 p. m., Pier 8, Locust Point.

July 6.

Bremen, No. Ger. Lloyd, 10 a. m., Hoboken  
Pier.  
La Touraine, French, 10 a. m., Pier 57, North  
River.

FROM MONTREAL, Lake Champlain, Can.  
Pac., daylight.

July 7.

FROM PHILADELPHIA, Marquette, Red Star,  
10 a. m.

FROM BOSTON, Parisian, Allan, Charlestown  
Pier.

FROM MONTREAL, Virginian, Allan.  
July 8.

Celtic, White Star, 11 a. m., Pier 60 and 61,  
North River.  
Philadelphia, Amer., 9:30 a. m., Pier 62, North  
River.

Pennsylvania, Ham-Amér., 9 a. m., Hoboken  
Pier.  
Kronland, Red Star, 10 a. m., Pier 59, North  
River.

California, Anchor, 8 a. m., Pier 64, North  
River.  
La Bretagne, French, Pier 57, North River.  
Italia, Anchor, Pier 64, North River.

FROM PHILADELPHIA, Graf Waldersee,  
Ham-Amér., 11 a. m.

FROM PHILADELPHIA, Dominion, Amer., 10  
a. m., Pier 54.

FROM MONTREAL, Megantic, White Star,  
Dom., 9 a. m.

FROM MONTREAL, Grampian, Allan.  
FROM MONTREAL, Lake Erie, Allan.

Great Britain.

**WILLS & SEGAR,**

Royal Exotic Nurseries,

Onslow Crescent, S. Kensington, LONDON.

Florists To His Majesty The King.

We shall be pleased to carry out com-  
missions from our American confreres to  
deliver Cut Flowers, Floral Baskets,  
Designs, etc., to any part of Great Britain.

Cablegrams—"Flosculo, London."

St. Paul, Minn.

**Holm & Olson,**

20-22-24 West Fifth Street.

We fill orders for any place in the Twin  
Cities and for all points in the Northwest. The  
Largest Store in America: the largest stock;  
the greatest variety. Write, wire or phone. We are  
alive night and day.

Kansas City, Mo.

**WILLIAM L. ROCK**  
**Flower Co.**

Will carefully execute orders for  
Kansas City, and any town in

Missouri, Kansas or Oklahoma

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Omaha, Neb.

**Hess & Swoboda**

FLORISTS,

1415 Farnum St.

TELEPHONES  
1501 and L 1388

Atlanta, Ga.

**Atlanta Floral Co.**

41 Peachtree Street.



# DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

## Young & Nugent

Telephone 2065-2066 Madison Square.  
42 West 8th Street.

To out-of-town florists  
We are in the heart of **NEW YORK**  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

## Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

## Dallas, Texas.

**The Texas Seed and Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

## Washington, D. C.

**GEO. H. COOKE**  
FLORIST

Connecticut Avenue and I Street.

## Rochester, N. Y.

**J. B. KELLER SONS,**  
FLORISTS  
25 Clinton Avenue, N.

Rochester Phone 506. Long Dist. Bell Phone 2189

## St. Paul, Minn.

**L. L. MAY & CO.**

Order your flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST.

## Kansas City, Mo.

**Geo. M. Kellogg**  
**Flower & Plant Co.**

1122 Grand Ave. Will fill all orders for Cut Flowers, Funeral Designs, Wedding and Birthday Gifts that may be entrusted to them  
Kansas City and Pleasant Hill, Mo.

## St. Louis, Mo.

Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,  
Regular discount allowed on all orders, either Plants or Cut Flowers  
Phones Bell, Main 2306; Kinloch Central 4981

## Louisville, Ky.

**JACOB SCHULZ,**

550 So. Fourth Avenue.

## Boston, Mass.



"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We cover all points in New England.

43 BROMFIELD STREET.

## San Francisco, Calif.

**J. B. BOLAND**

Successor to Sievers & Boland

**FLORIST**

60 KEARNEY STREET.

## Denver, Colo.

**The Park**  
**Floral Co.**  
1643 Broadway  
J. A. VALENTINE, President.

## Philadelphia.

**Robert Kift,**

1725 Chestnut St.

Personal Attention to all Orders.

## Dayton, O.

**Matthews,**

—FLORISTS—

16 W. 3rd Street.

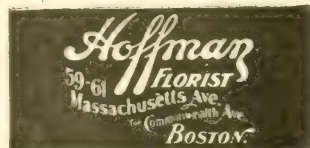
Flowers in any arrangement for all occasions, for Dayton and vicinity. Long dis. Phones.

## THE J. M. GASSER COMPANY,

**CLEVELAND, O.**

Euclid Avenue

We Cover All Points in Ohio.



## New York.

**MYER, FLORIST,** 609-611 Madison Ave  
Phone 5297 Plaza

## Nashville, Tenn.

**Geny Bros.** LEADING FLORISTS  
Fifth Ave. No. NASHVILLE, TENN.

## New York.

Established 1866

**David Clarke's Sons**

FLORAL DECORATORS

2139-2141 Broadway

Telephones: 1552-1553 Columbus. Choice Cut Flowers  
Mention the American Florist when writing

## SAN FRANCISCO

**Podesta & Baldocchi**

224-226 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

## New York City.

**Frank Valentine**

WHOLESALE AND RETAIL FLORIST

Also Manufacturer of ARTIFICIAL FLOWERS.

158 EAST 110TH STREET:

Bet. 3rd and Lexington Aves. Tel. 5633 Harlem.  
Mention the American Florist when writing

## Cincinnati, O.

**JULIUS BAER,**

138-140 E. Fourth St.  
Long Distance Phone.

Mention the American Florist when writing

**M. C. Rowe**

IN THE HEART OF NEW YORK CITY

Phone 6404 Madison Sq. 12 West 33d St.

Our Motto—THE GOLDEN RULE

Mention the American Florist when writing

## Michigan.

Orders will be carefully cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

## Poughkeepsie, N. Y.

**"The Saltford Flower Shop"**  
Vassar College and Bennett School.

## Rockford, Ill.

**H. W. Buckbee**

## Colorado Springs, Colo.

**FRANK F. CRUMP,**

Wholesale and Retail Florist.

## Grand Rapids, Mich.

**GRAND RAPIDS FLORAL CO.**

ALFRED BANNAN & SONS. Will fill your orders for Designs and Cut Flowers in Michigan

# DESIGNS OR CUT FLOWERS

Detroit, Mich.

**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

**Artistic Designs.  
High Grade Cut Blooms.**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



**WASHINGTON  
D. C.**

**Gude's**

Pittsburg, Pa.

**A. W. SMITH CO.**

KEENAN BLDG.

Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

Denver, Colo.

**FLORAL DESIGNS AND FLOWERS**

Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

St. Louis, Mo.

The Most Central Location in City.

**F. H. WEBER**

Boyle and Maryland Aves.  
CUT FLOWERS AND PLANTS.

Phones: Bell, Lindell 2153; Kinloch, Delmar 768

Kansas City, Mo.

**Samuel Murray**

913 Grand Ave.

All Orders Given Prompt and Careful Attention

Boston, Mass.

Send flower orders for delivery in

**Boston and all  
New England Points**

To THOS. F. GALVIN, Inc.,  
124 TREMONT ST.

Louisville, Ky.

**F. Walker & Co.,**

**FLORISTS.**

Phones: Home 1388. Cumb. Main 1388 A.

.....634 Fourth Avenue.

New York.

Established 1874.

**CARD'S**

**N. E. Corner 44th St.  
and Madison Ave.**

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSEFLOR.

Toledo, O.

**Mrs. J. B. Freeman**

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones. 527.

Special attention to Mail and Telegraph Orders.

Alexandria, Va.

**David G. Grillbortzer**

Bell Phone 231. All orders receive prompt attention

**City Index to Retail Florists  
Filling Telegraph Orders.**

Albany, N. Y.—Eyles, 11 N. Pearl St.  
Alexandria, Va.—D. G. Grillbortzer.  
Anderson, S. C.—The Anderson Floral Co.  
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.  
Boston—Thos. F. Galvin, Inc., 124 Tremont St.  
Boston—Hoffman, 69-61 Mass. Ave.  
Boston—Fenn, the Florist, 45 Bromfield St.  
Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 273 Fulton St.  
Brooklyn, N. Y.—Wilson, 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Canger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 188 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank F. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 W. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Biermann Bros. Co., 241 Mass. St.  
Kansas City—Geo. M. Kellogg & P. Co.  
Kansas City—Wm. L. Rock Flower Co.  
London, Eng.—Willis & Secar.  
Los Angeles, Calif.—W. Washili Bros.  
Louisville, Ky.—M. D. Reimers, 223 S. 4th Ave.  
Louisville, Ky.—Jacob Schultz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Montreal—McKenna.  
Nashville, Tenn.—Gerry Bros.  
New York—M. A. Bowe.  
New York—D. Clark's Sons, 2139 Broadway.  
New York—Darda, 44th and Madison Ave.  
New York—Hartmann's Rosary, 2654 B'way.  
New York—Alex. McConnell, 611 5th Ave.  
New York—Malandre Bros., 2334 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1153 B'way.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Svoboda, Farnum St.  
Philadelphia—Robert Kirt, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Poughkeepsie, N. Y.—The Saltford Flower Shop.  
San Francisco—J. B. Boland, 60 Kearny St.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1408 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—Podesta & Baldocchi.  
Terre Haute, Ind.—J. G. Heint & Son.  
Toledo, O.—Mrs. J. D. Freeman.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H. Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

611 Fifth Ave., cor. 49th Street.  
**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
Western Union Code.

Mention the American Florist when writing.

Chicago.

**CANGER & GORMLEY**

187 N. State St.

HIGH GRADE OF FLOWERS

Phones: Central 5186 All orders are very  
2190 carefully executed.

Buffalo, N. Y.

**W. J. Palmer & Son,**  
304 Main Street.

Members Florists' Telegraph Association.

Mention the American Florist when writing.

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.

Write, Telegraph or Telephone

Los Angeles, Calif.

**Wolfskill Bros.**

**FLORISTS**

Successors to J. W. Wolfskill, Florist.

Telegraph Orders  
A Specialty, 216 W. 4th St.

Toronto, Can.

Canada's best known and most reliable florist

**Only  
the  
Best  
Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

Leonard H. Vaughan, Chicago President;  
Marshall H. Duryea, New York First Vice  
President; Edgar Gregory, Marblehead  
Mass., Second Vice President; C. E. Ken-  
del, Cleveland O., Secretary and Treasurer.  
Next annual convention, June, 1912.

To open 500 mail orders of a morn-  
ing is considered good business in  
England.

CANNED (cull) beans have lately been  
seized by the government food in-  
spector at Chicago.

ST. LOUIS, MO.—The Schisler, Cornell  
Seed Co. states that there is very lit-  
tle difference between the seasons of  
1910 and 1911 in the volume of busi-  
ness.

IOWA Experiment Station gave the  
seedsmen of that state a left-handed  
boost by advising farmers to buy seed  
corn grown within 25 miles of their  
homes.

SIoux CITY, IA.—The Sioux City Seed  
and Nursery Co. states that the whole-  
sale business is about the same as last  
year, some lines a little heavier and  
some a little lighter.

BOSTON, ENGLAND.—General Manager  
E. J. Beal informs us that in his opin-  
ion biennial seed crops will be shorter  
than ever and that peas will easily  
maintain the high prices of last sea-  
son.

LOS ANGELES, CALIF.—The Aggeler &  
Musser Seed Co. reports that the sea-  
son of 1910-11 has been very favor-  
able for retail trade and late spring  
planting especially has been consid-  
erably ahead of a year ago.

REPORT of the opening sessions of  
the annual convention of the American  
Seed Trade Association will be found  
in our issue of June 24, page 1136,  
and the closing sessions are given in  
this week's issue, page 1188.

THE varieties of corn for silage best  
adapted for Colorado conditions ac-  
cording to the news bulletin of the  
Colorado Agricultural College, are Iowa  
Silver Mine first, with early maturing  
types of Leaming second. Varieties  
grown for a long time in the state pro-  
duce a short stalk making a low ton-  
nage, while those grown in Nebraska  
and Kansas produce a much larger  
stock growth and higher yield can be  
obtained by using such corn as seed.

### Elements of Value in Garden Seeds.

Seedsmen usually contract for the  
growing of their supplies of seed of  
sweet corn, peas, and beans, instead  
of depending upon purchase by sample  
in the open market, because the el-  
ements of value in the case of seeds  
are different, at least, as to their rel-  
ative importance, from those in the case  
of most merchandise.

Appearance.—The good appearance  
of the seed as to cleanliness, size,  
plumpness, and color of the grain is a  
most desirable quality and, in most  
instances, one easily recognized, but  
one which is often misleading as to  
comparative value. An illustration is  
the case of Red Valentine beans, in  
which a plump, full, symmetrical bean  
of a bright red color is apt to go with  
inferior varietal quality, while a

many, particularly by those of little  
horticultural experience, as the most  
important of all qualities, and in the  
case of a single seed viability is es-  
sential to its value. However, of two  
lots of seed, in one of which 60 to 75  
per cent of the grains will develop  
into plants which are typical of the  
variety, while the remainder will not  
germinate at all, and in the other,  
though every seed is viable, only 10  
to 20 per cent of them will produce  
typical plants of the sort, the others  
developing into a medley of different  
forms and qualities, the first lot,  
though only 60 to 75 per cent viable,  
is decidedly the most satisfactory and  
valuable.

Stock.—Purity and evenness of va-  
rietal character are the most impor-  
tant factors in determining the real  
value of seed. A seed is essentially a  
plant packed for transportation, and  
carries within itself the potentialities  
and limitations of development of the  
plant into which it may grow. With  
the aid of climate and soil and through  
the control of cultural conditions man  
may secure more or less perfect ex-  
pression of these potentialities, but he  
can not add to or change them; they  
were predetermined by the varietal  
characteristics of the producing plant  
and its ancestors. In a few excep-  
tional cases such inherent varietal  
character is more or less clearly indi-  
cated by visible peculiarities of the  
seed, but generally such indications  
are neither readily discernible nor re-  
liable, and one can only know the  
varietal character of the plant any  
given seed will develop into by having  
far more knowledge of the producing  
plant and its ancestors than is to be  
gained from the appearance of the  
seed itself.

Relative supply and demand.—The  
commercial value of all kinds of seed  
is dependent, even to a greater degree  
than is the case with most merchan-  
dise, upon relatively temporary sup-  
ply and demand. A shortage of seed  
can not usually be met with a fresh  
supply until the next season, and the  
forcing upon the market of even a  
small surplus has a more depressing  
effect than with most merchandise. As  
most seeds retain their vitality for  
several years seedsmen usually guard  
against a short crop by carrying over  
a portion of the previous season's  
growth, but this carrying over of a  
large proportion of one's stock is ob-  
jectionable not only because of the  
cost of storage, insurance, etc., but  
because of the prejudice, which in  
many cases is quite unjustifiable, in  
favor of "fresh" seed, and also because  
of the depressing effect which the put-  
ting upon the market of even a little  
more seed than is actually needed has  
upon current prices.

A wise seedsmen will therefore not  
only hesitate to risk his reputation for  
handling pure and true stocks through  
purchase by sample, no matter how  
good the sample may seem to be, but  
will endeavor to limit his supply to



Arthur L. Deál.

twisted, unsymmetrical shape and a  
dull color are generally indications of  
a pure and true stock of the sort.

Purity of varietal character can  
rarely be determined by even the most  
critical examination of the sample, and  
though viability can be readily ascer-  
tained by germinative tests it requires  
some days to make these, so that the  
appearance of the seed gives little  
indication of its comparative value.

Viability.—That every grain will un-  
der favorable conditions develop into  
a healthy plant would be regarded by

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



Established 1810.

## Denaiffe & Son,

CARIGNAN, NORTHERN FRANCE,  
Growers on Contract  
Highest Grade Seeds.

Specialties: Beet, Cabbage, Carrot, Celery, Let-  
tuce, Onion, Parsley, Radish, Rutabaga, Turnip.  
Sole Agent for U. S. and Canada,  
CHARLES JOHNSON, Maricita, Pa.

**GIANT PANSY SEED****The KENILWORTH Strain**

must not be compared with the flimsy Trimardaut; it is much larger and of good substance. The immense flowers of  $3\frac{1}{2}$  to 4 inches are of perfect form. every tint and shade is produced in striking combinations and endless variations of beautiful colors and markings; it is the result of years of selections. The stock plants are selected from many thousands of plants grown for market. It is rich with shades of brown, bronze, red, mahogany and numerous others. 1911 seed now ready, light medium or dark mixtures. 2,000 seeds, 50c; 5,000, \$1.00;  $\frac{1}{4}$  oz., \$.125; oz., \$.50.

**Pansies in Separate Colors**

Giant Adonis beautiful light blue.  
Giant Emperor William ultramarine blue.  
Giant King of the Blacks, coal black.  
Giant Beaconsfield, violet, shading to white.  
Giant Golden Queen, yellow.  
Giant Golden, yellow, with dark center.  
Giant Masterpiece, beautifully ruffled with a wide range of rich colors.  
Giant White.  
Giant White, with large violet center.  
Giant Royal Purple, fine large flowers.  
Giant Orchard flowering, rare shades.  
Giant Bronze and copper shades.  
Giant Light Blue, delicate shades of blue.  
Giant Dark Blue, deep blue shade.  
Trade pkt., 25c; any 5 for \$1.00; any 11, \$2.00.

Rainbow is a blend of over 50 of the latest introduction of Giant Pansies of the most beautiful gorgeous colors; blotched, striped, veined, margined etc. With every \$1.00 worth of Pansy Seed I will send 1000 of Rainbow free, and with other amounts in like proportion.

**Chas. Frost**  
Kenilworth,  
N. J.

**Florists and Seedsmen, Scratch or Poultry Food Sell Your Own**

We will make it for you, under your own brand, for \$28.00 per ton. Send today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without equal today. They are perfect mixtures and sound in grain and a pleasure to handle."  
**J. BOLIGIANO & SON, Importers and Wholesalers**  
(Established for 92 years) Baltimore, Md.

seed which he knows was grown from pure and true stock seed, and as far as possible to that which was subject while growing to his own inspection and approval. He will also discourage the growing and speculative crops with the intention of selling by sample because of the liability of such crops to disturb the most profitable balance of supply and demand.

W. W. TRACY, SR.

**Arthur L. Deal.**

Arthur L. Deal, representing W. W. Johnson & Son, Boston, England, will shortly arrive in this country in the interest of the firm of which his father, who is so well known by the seedsmen of this country, is general manager. This will be his first visit to America and he will arrive in New York the latter part of July. He has had a thorough training in the seed business and is entirely conversant with the European seed trade, having spent three years with the various seed growers in France and Germany and is a fluent talker in the languages of both of these countries. He is at present regaling the beet crop in France and will have, when he arrives in this country, the latest information as to the European crop prospects. He is very popular with the trade in England and on the continent and will, no doubt, make a great many friends in his journey through the country, where he intends to visit all the principal cities going as far west as Denver, thence to Texas and New Orleans, stopping at Toronto, Sioux City, Minneapolis and Boston.

**Last Call == Order Now Your FALL BULBS**

Our arrangements for High Grade Bulbs of

**Lilium Harrisii, French Romans, Paper White Grandiflora, Callas, Japanese Lilies, London Market Valley, and picked bulbs of all Dutch Hyacinths, Tulips, Narcissus and Spirea** are unexcelled.

**We Can Save You Money on This Stock**

Our Special Import List mailed free on application.

**Vaughan's Seed Store,**  
Chicago. New York.

**S. M. Isbell & Co.,**

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn. Correspondence solicited.

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

**Waldo Rohnert**

GILROY, CAL.

**Wholesale Seed Grower,**

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

**Henry Fish Seed Co.**  
**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Telegraph Code**  
**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders

AMERICAN FLORIST CO., CHICAGO.

**J.C. Robinson Seed Co.**

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

ESTABLISHED IN 1824.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave..

Telephone 4235 Gramercy.

**Asparagus Plumosus Nanus**  
**SEED**

Fresh, true to name and highest germination.

For Quick Sale

\$1.75 per 1000; 25,000 and over at \$1.50

**DRAKE POINT GREENHOUSES, YALAHUA, FLORIDA.**

**ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

**Sweet Pea and Nasturtium Specialists**

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS****ROEMER'S Superb PANSIES**

The finest strain of Pansies in the World. Introducer and Grower of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

Seed Grower,  
**FRED. ROEMER, Quedlinberg, Germany.**



# Choice Young Rose Stock

|                               |                |                                         |                 |
|-------------------------------|----------------|-----------------------------------------|-----------------|
| 500 Perles, 4-in. pots.....   | Per 100 \$8.00 | 3,000 Grafted Maryland, 3-in. pots..... | Per 100 \$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00           | 1,000 Grafted Pink Killarney, 3 in..... | 12.00           |

## Bassett & Washburn

Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

### CHRYSANTHEMUMS

|                 | R. C. per 100 | 2½ in. per 100 | 2½ in. per 100 |
|-----------------|---------------|----------------|----------------|
| Earliest White! | WHITE         |                |                |
| October Frost   | \$2.00        | \$2.00         | \$3.00         |
| Robinson        | 2.50          | 20.00          | 3.00           |
| Alice Byron     | 2.50          | 20.00          | 3.00           |
| Golden Glow     | 2.50          | 25.00          | 4.00           |
| Halilid         | 2.50          | 20.00          | 3.00           |
| McNiece         | PINK          | 2.50           | 20.00          |
| Maud Dean       | 2.50          | 20.00          | 3.00           |
| Dr. Enguehard   | 2.50          | 20.00          | 3.00           |
| Schrimpton      | RED           | 3.00           | 20.00          |
| Intensity       | 2.50          | 20.00          | 3.00           |

### POMPONS

|               |               |
|---------------|---------------|
| YELLOW        | ½ in. per 100 |
| Baby Zenobia  | \$3.50        |
| WHITE         |               |
| Baby Margaret | 3.50          |

Quinta..... 4.00

### POEHLMANN BROS. CO.

Morton Grove, Ill.

Mention the American Florist when writing

### Asparagus Sprengeri

3 inch 3c; 2 inch 1½c.

|                              |          |
|------------------------------|----------|
| Rex Begonia, 2 inch.....     | 5 cents  |
| Centaurea, 2-inch.....       | 1½ cents |
| Coleus, Golden Bedder.....   | 1½ cents |
| Dracena, 2½-inch.....        | 2½ cents |
| English Ivy, 2-inch.....     | 2 cents  |
| Routed cuttings.....         | 1 cent   |
| Salvia, Bonfire, 2-inch..... | 1½ cents |
| 3-inch.....                  | 3 cents  |
| Snapdragon, 2-inch.....      | 2 cents  |

J. H. DANN & SON, Westfield, N. Y.

### Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                               |                               |
|-----------------------------------------------|-------------------------------|
| 3-inch.....                                   | \$8.00 per 100                |
| Asparagus Seedlings, prepaid, we have 203,000 |                               |
| Plumous.....                                  | 90c per 100; \$7.50 per 1,000 |
| Sprengeri.....                                | 60c per 100; \$5.00 per 1,000 |

Cash, please.

### THE REESER PLANT COMPANY

Exclusives Wholesale Plantsmen. SPRINGFIELD, OHIO

### GLADIOLUS

Cinnamon Vines, Madeira Vines, Lilies, Iris, Daphne Cneorum, Syringa Japonica and Wistarias.

Write for price list

E. S. MUELLER, Wading River, N. Y.

## Last Call for Surplus Stock

### AT BARGAIN PRICES

### CANNAS

|                        | 2½-inch. Per doz. | 3-inch. Per 100 | Doz.   | 4-inch. Per 100 |
|------------------------|-------------------|-----------------|--------|-----------------|
| Allemania              | \$0.50            | \$2.50          | \$0.60 | \$3.50          |
| Beaute Polvevine       | 60                | 3.50            | 75     | 4.50            |
| Betsy Ross             | 85                | 5.00            | 1.00   | 7.00            |
| Burbank                |                   |                 | 60     | 3.50            |
| Chas. Henderson        |                   |                 | 75     | 4.50            |
| Discolor               | 50                | 3.00            | 60     | 4.00            |
| David Harum            |                   |                 | 85     | 5.00            |
| Dwarf Florence Vaughan |                   |                 | 85     | 5.00            |
| Egandaie               | 50                | 3.00            | 85     | 5.00            |
| Florence Vaughan       | 50                | 3.00            | 75     | 4.50            |
| Leonard Vaughan        | 50                | 3.00            | 75     | 4.50            |
| New York               | 85                | 5.00            | 1.00   | 7.00            |
| Mile. Paul Cazeneuve   | 50                | 3.00            | 60     | 4.00            |
| Multiflora             | 1.00              | 8.00            | 1.25   | 10.00           |

### ROSES

|                       | 2½-inch. Per doz. | 3½-inch. Per 100 | Doz.   | Per 100 |
|-----------------------|-------------------|------------------|--------|---------|
| American Beauty       | \$0.60            | \$4.00           | \$1.75 | \$12.00 |
| Grass on Teplitz      | \$0.60            | \$4.00           | 1.50   | 10.00   |
| Hermosa, Climbing     | each, \$0.35      |                  | 3.50   |         |
| Kaiserin Augusta      |                   |                  |        |         |
| Victoria              | 60                | 4.00             | 1.50   | 10.00   |
| Killarney, white      | 1.00              | 6.00             | 2.00   | 15.00   |
| La France             |                   |                  | 1.75   | 12.00   |
| Mosella               | 50                | \$4.00           |        |         |
| Mrs. Taft             | 2.10              | 15.00            |        |         |
| My Maryland           | 1.00              | 6.00             | 2.00   | 15.00   |
| Newport Fairy         | 60                | 4.00             | 3.00   | 20.00   |
| Orleans               | 2.00              | 15.00            |        |         |
| Richmond              | 85                | 6.00             | 1.75   | 12.00   |
| White Dorothy Perkins | 1.50              | 10.00            |        |         |
| White Baby Rambler    | 50                | 4.00             |        |         |

All this stock is in first class condition ready for immediate shipment. Order early and avoid disappointment. F. O. B. Western Springs.

### BEDDING PLANTS

|                                       | Per doz. | 100   |
|---------------------------------------|----------|-------|
| Abutilon Savitzi, 2-inch.....         | \$0.45   | 3.00  |
| Ageratum Little Blue Star, 2½-in..... | 50       | 3.50  |
| Cobea Scandens, 4 inch.....           | 1.75     | 12.00 |
| Coleus Golden Bedder, 2-inch.....     | 50       | 3.00  |
| John Pfister, 2-inch.....             | 60       | 4.00  |
| Geraniums, John Doyle, 4-inch.....    | 1.25     | 8.00  |
| Moonvine, white, 3-inch.....          | 1.25     | 10.00 |
| Salvias, Drooping Spikes, 2½-in.....  | 60       | 4.00  |

### Asparagus Plumosus Nanus

Seedlings..... per 100, \$1.50; per 1000, \$12.00

### Ampelopsis Veitchii

4 inch, pot-grown started plants. Each, 3c; per doz., \$3.00; per 100 \$30.00.

F. O. B. Western Springs.

## VAUGHAN'S SEED STORE

31-33 Randolph St., CHICAGO. 25 Barclay St., NEW YORK

(New Number, Same Location.)

Greenhouses, Trial Grounds and Nurseries: Western Springs, Ill.

## R O S E S

### OWN ROOT

|                                                                                                     |                                  |
|-----------------------------------------------------------------------------------------------------|----------------------------------|
| 4,000 Beauties, 4-in.....                                                                           | 12c                              |
| 3,000 each Brides, Maids, Richmond,                                                                 |                                  |
| 500 each Chatenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney and Golden Gate, 4-in. at..... | \$10.00 per 100                  |
| 2,000 Pink Killarney, own root, 3-in., at.....                                                      | \$8.00 per 100; \$75.00 per 1000 |

### GRAFTED STOCK, 3-in.

|                                                                     |                 |
|---------------------------------------------------------------------|-----------------|
| 400 each White and Pink Killarney,                                  |                 |
| 200 each Richmond, Chatenay, Ivory, Golden Gate and Uncle John..... | \$15.00 per 100 |

CHARLES H. TOTTY, Madison, N. J.

# PANSY SEED TIME



CHALLENGE PANSIES

Trade pkt. ¼ oz. oz.  
 Giant Pretiosa. Crimson-rose, white margin, violet blotch. \$0.15 \$0.60 \$2.00  
 Giant White. Violet spot the largest white. .10 .50 1.50

## PANSY—BODDINGTON'S "CHALLENGE"—ALL GIANTS

This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giant self colors, the Giant striped and margined, and the Giant blotched, etc., all carefully mixed in proportion—the finest that money can buy—the finest your money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

Trade pkt., 50c; ¼-oz., 75c; ½-oz., \$1.50; ¾-oz., \$2.75; oz., \$5

## CHOICE VARIETIES OF GIANT PANSIES

| Trade pkt. ¼ oz.                                                                                                                                      | ½ oz.  | oz.           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|
| <b>Giant Trimardeau.</b> Improved mammoth-flowering and in good range of color.                                                                       | \$0.15 | \$0.50 \$1.50 |
| <b>Giant Masterpiece</b> (Frilled Pansy). Petals beautifully waved, exquisite colors.                                                                 | .15    | .85 3.00      |
| <b>Cassier's Giant.</b> A fine strain of large highly colored flowers.                                                                                | .15    | .85 3.00      |
| <b>Giant Bugnot's Stained.</b> Exhibition. Extra choice flowers, large and plenty of light colors.                                                    | .50    |               |
| <b>Giant Madame Perret.</b> A recent introduction by a celebrated French specialist: of strong, free growth. Especially rich in red shades.           | .15    | .85 3.00      |
| <b>Giant Fire King.</b> Brilliant reddish yellow, with large brown eyes.                                                                              | .25    | 1.00 3.00     |
| <b>Giant Lord Beaconsfield.</b> Deep purple violet, top petals light blue.                                                                            | .15    | .50 1.50      |
| <b>Giant Canary Bird.</b> A five-spotted yellow variety. Ground color is a deep golden yellow and each petal is marked with a dark blotch.            | .15    | .85 3.00      |
| <b>Giant Orchidaceiflora.</b> or orchid-flowered Pansy. Splendid variety. Beautiful shades of pink, lilac, orange, rose, terra cotta, champagne, etc. | .25    | 1.25 4.00     |
| <b>Giant Emperor William.</b> Ultramarine blue, purple eye.                                                                                           | .40    | .50 1.50      |
| <b>Giant Golden Queen.</b> Bright yellow, no eye.                                                                                                     | .15    | .60 2.00      |
| <b>Giant Golden Yellow.</b> Yellow, brown eyes.                                                                                                       | .25    | .75 2.50      |
| <b>Giant King of the Blacks</b> (Faust). Black.                                                                                                       | .15    | .60 2.00      |
| <b>Giant President McKinley.</b> Golden yellow, large dark blotch.                                                                                    | .15    | .85 3.00      |
| <b>Giant Prince Bismarck.</b> Yellowish bronze, large eye.                                                                                            | .25    | .75 2.50      |
| <b>Giant Rosy Lilac.</b>                                                                                                                              | .15    | .60 2.00      |

**ARTHUR T. BODDINGTON, Seedsman,** 342 W. 14th Street  
NEW YORK

## CHRYSANTHEMUMS.

### Pacific Supreme

Extra Strong Rooted Cuttings  
 \$2.00 per 100; \$15.00 per 1000  
 From pots, 2½-inch,  
 1¢ per 100; \$20.00 per 1000

These quotations are made subject to goods being unsold upon receipt of order.

**Thompson Carnation Co.,**  
**JOLIET, ILL.**

Mention the American Florist when writing

Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

**Nic. Zweifel,** North Milwaukee, Wisconsin.

## CARNATIONS

**F. DORNER & SONS CO.**

**La Fayette,**

**Indiana.**

## Scarlet Sage

**Bonfire or the Genuine**  
**Clara Bedman**

Nothing is more attractive in a garden or lawn than a bed of Scarlet Sage, the fiery kind we grow. We have a fine new stock, purposely raised for these birds the dark bronzed leaved **Robusta** and **Egandale**. Nothing looks more attractive than a bronze center and a fiery red border. We have them in large 4 in. pots, 2½ to 3 in. high (Cannas must be higher than the Sage), only \$7.00 per 100. We also have other best green-leaved varieties of the same height, such as **Alph. Bouvier**, **Richard Wallace**, **Austria**, **Maiden Blush**, **Mt. Blanc**, **J. D. Eisele**, **Mme. Crozy**, **Crimson Bedder**, 4 in. pots \$7.00 per 100.

Another attraction is to show off, when you use in connection with **Scarlet Sage** as a border, in center of the bed, large sizes of **Cannas**. Look! We have provided specially for these birds the dark bronzed leaved **Robusta** and **Egandale**. Nothing looks more attractive than a bronze center and a fiery red border. We have them in large 4 in. pots, 2½ to 3 in. high (Cannas must be higher than the Sage), only \$7.00 per 100. We also have other best green-leaved varieties of the same height, such as **Alph. Bouvier**, **Richard Wallace**, **Austria**, **Maiden Blush**, **Mt. Blanc**, **J. D. Eisele**, **Mme. Crozy**, **Crimson Bedder**, 4 in. pots \$7.00 per 100.

## Godfrey Aschmann

Wholesale Grower and Importer  
 of Potted Plants.

1012 W. Ontario St., Philadelphia, Pa.

## FROM SUNNY SPAIN

**Specialties:** Onions, Peppers, Early Tomato **Cauliflowers**, Beans, 97 varieties, Melons, **Celery**, Egg Plants.

**SEEDS:** Grown on contract for the United States Seedsmen by

**Federico G. Varela,** Teneriffe, Canary Islands, Spain. Enquiries requested: I do not supply growers direct.

**Always** mention The American Florist when you order stock. 111

## BAY TREES

STANDARD or TREE SHAPED.

| Stems          | Crowns         | Each    | Pair    |
|----------------|----------------|---------|---------|
| 38-40 inch.... | 22-24 inch.... | \$ 6.50 | \$12.00 |
| 42-46 inch.... | 24 inch....    | 6.75    | 12.50   |
| 45-48 inch.... | 26 inch....    | 7.50    | 14.00   |
| 45-48 inch.... | 28 inch....    | 8.00    | 15.00   |
| 45-48 inch.... | 30 inch....    | 10.00   | 18.00   |
| 46-54 inch.... | 40 inch....    | 15.00   | 28.00   |

## PYRAMIDAL SHAPED.

| 6 ft. high.      | 26-28 inch diam. | Each    | Pair    |
|------------------|------------------|---------|---------|
| eter at base.... |                  | \$10.00 | \$18.00 |

F. O. B. Western Springs.

## Vaughan's Seed Store,

31-33 W. Randolph St., 25 Barclay St.,  
 CHICAGO. NEW YORK.  
 Greenhouses, Trial Grounds and Nurseries,  
 Western Springs, Ill.

## PANSIES

**Brown's Improved Giant**  
**Prize Pansy Seed**

Finest Strain in the Market.  
 1911 Crop, Mixed Seed:

|           |        |           |         |
|-----------|--------|-----------|---------|
| ¼ oz..... | \$1.00 | 1 oz..... | \$ 5.00 |
| ¼ oz..... | 1.50   | ¼ lb..... | 14.00   |
| ½ oz..... | 2.50   | ½ lb..... | 25.00   |
|           |        | 1 lb..... | \$50.00 |

Separate colors: **Giant Yellow**, **Giant White**, **Lord Beaconsfield**, **Emperor William**, same price. Cash with order.

**PETER BROWN,** Lancaster, Pa.

Please mention the American Florist when writing.



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 505 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

NEW YORK.—A valuable premium is offered for the best exhibit of marketable, late potatoes at the American Land and Irrigation Exposition to be held in Madison Square Garden, Nov. 3-12, 1911. It is a cup valued at \$1,000, donated by A. E. Sulwell, president of the Kansas City, Mexico and Orient railway. Full particulars can be obtained by addressing the exposition, 149 Broadway, New York.

### Irrigation.

This has been an ideal season to find out the merits and faults of any irrigation scheme. Before the season opened we had our plans well along to cover most of our small tract with overhead pipes. The result is we have suffered less if anything from the seven weeks' drought; in several ways we have been benefited as no heavy rains have delayed work and the market has been excellent. Aside from the advantage of being able to soak any given field thoroughly we find great value in syringing or lightly spraying during the hot noon hours. In fact, a good many things do not need any soaking at all. They are content with a little air moisture to prevent flagging. We make it a rule not to soak any crop until it really needs it, as we cannot tell how soon a heavy rain may set in. But with the temperature in the nineties, the earth mulch as dry as dust and not a cloud in the sky, a good many crops suffer during the noon hour even with ample moisture at the root. Such things are greatly benefited with a general spraying but not enough to destroy the earth mulch created by cultivation. In other words, we prevent flagging and wilting between eleven and three o'clock. It is surprising how little water it takes to do this and how effective a good overhead system is. We find this necessary to obtain best results in wet seasons as well as dry ones. We remember one year, long ago, when the month of August came in cloudy and close with high temperatures, we had a fine field of musk melons and the peculiar weather conditions promoted a soft rank growth. These conditions lasted about ten days when we entered the other extreme—clear sky, extreme heat and drying winds. The plants were unbalanced—too much top and insufficient roots and the first clear day simply destroyed that field of melons. Had we been equipped with overhead pipes to assist with a spray we no doubt could have avoided that disaster entirely. In short when we install mechanical watering outdoors we enter into a new system of growing crops, we really produce greenhouse conditions outdoors. As a rule, what holds good under glass will hold outdoors. There is no doubt that with skillful management in regard to planting, watering and feeding, results outdoors can not only be doubled but increased

fourfold; added to this of course must be the enormous advantage of having high-class goods when the other fellow has poor, or having something to sell when the other fellow has nothing. In the course of time as competition increases and demands become more exacting, most garden crops will be produced with the aid of mechanical watering.

MARKETMAN.

### Effect of Advertising Lost.

In a recent issue of the leading British hardware journal is a page advertisement by an American firm that has had admirable success in introducing its articles into the United Kingdom.

The advertisement presents an old article with new features that specially recommend it. It is attractively worded and so prepared as to immediately arrest the eye, and yet by quoting prices in American money, reports Albert Halsted, consul at Birmingham, England, the effect upon the English reader will be to prejudice him against the goods by requiring him to calculate what the price would be in English money. Most English dealers in such articles would immediately lose interest, and to quote articles in American money arouses a prejudice that offsets the attractiveness of the article offered.

It seems that this point should be emphasized, not only because much advantage is to be obtained by advertising good quality American goods in British technical papers, but because of the almost universal practice of American manufacturers in sending out catalogues with prices quoted in American money. At the same time it may be stated that in most lines it is highly important to quote articles delivered all charges paid at some British port, instead of free on board at some American port.

### Buffalo Notes.

On Saturday evening, June 24, Joseph Streit, foreman for S. A. Anderson, and Mrs. Streit celebrated their crystal wedding, the day being also the birthday of Mrs. Streit. Friends to the number of about 100 were their guests. The lawn was brilliantly lighted and all enclosed with box trees,

laurels and palms. The starry decked heavens was the roof of the entertainment, and Mr. and Mrs. Streit lavishly furnished their table with the best of everything. After the dinner, W. A. Adams called on F. C. W. Brown for a few remarks, who at the same time presented Mr. and Mrs. Streit with a handsome cut glass fruit bowl on behalf of their friends at the Main street and Elmwood avenue stores. The employees at the greenhouse presented them with a very handsome picture, and many other presents were given. Mr. Streit responded in a happy vein on behalf of Mrs. Streit and himself, thanking their friends for their kind thoughts. Music and dancing followed, all passing a most enjoyable evening.

There has not been much activity shown by the florists as to who are going to Baltimore, but the next club meeting will decide what steps will be taken.

The special committee on entertainment of the Florists' Club are making arrangements for the annual picnic, time and place having been left to them.

Visitors: J. C. Connon, Connon Floral Co., Hamilton, Ont.; J. K. Davidson, Hamilton, Ont. BISON.

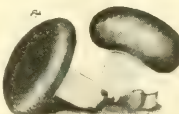


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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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We will mail on application sample of

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that you may be your own judge of quality. We will quote you most attractive figures, both to large and small growers.

Our quality speaks for itself and is guaranteed

Niagara Mushroom & Spawn Co., Lockport, N. Y.

## VEGETABLE PLANTS.

**Cabbage**, Wakefield. All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85c per 1000.

**Lettuce**, Grand Rapids. Big Boston, Boston Market and Tennis Ball. \$1.00 per 1000; 10,000 and over 85c per 1000.

**Beet**, Crosby. Egyptian and Eclipse. \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO, White Marsh, Md.

TO THE TRADE

**HENRY METTE, Quedlinburg, Germany.**

GROWER AND EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohi Rabi, Leek, Lettucens, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Fancies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT FANSIES** (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality. I ALSO GROW LARGELY SEEDS ON CONTRACT.

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A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

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**Home Grown, Strong, Clean and Well Established**

We grow all our Kentias, above 6-in. sizes, in cedar tubs made especially for us, avoiding breakage of pots in shipments and giving better satisfaction to our customers; and while they cost us a great deal more than pots, we sell the plants for the same money. With more glass, our stock is much larger than ever before.

When in Philadelphia, call and see us before placing your order.

## Areca Lutescens

|                                                 | Each   |
|-------------------------------------------------|--------|
| 3 plants, 8-in. pot, 42 in. high.....           | \$3.00 |
| 4 to 5 plants, 9-in. cedar tubs, 4 ft. high.... | 5.00   |
| 4 to 5 plants, 9-in. " " 5 ft. high....         | 6.00   |

## Kentia Belmoreana

|                                   | Each   | Doz.    |
|-----------------------------------|--------|---------|
| 7-in. cedar tubs 40-in. high..... | \$3.00 | \$36.00 |
| 9-in. " " 42 in. " ".....         | 4.00   | 48.00   |
| 6-in. pots, 22 to 24 in. " "..... | 1.00   | 12.00   |
| 6-in. " " 24 to 26 in. " ".....   | 1.25   | 15.00   |
| 6-in. " " 26 to 28 in. " ".....   | 1.50   | 18.00   |

## Kentia Forsteriana

|                                                   | Each   |
|---------------------------------------------------|--------|
| 4 plants in 9-in. cedar tubs, 42 to 48 in. high.. | 4.00   |
| <b>Cibotium Scheidel</b>                          | Each   |
| 9-in. cedar tubs, 4 ft. spread.....               | \$5.00 |

**Joseph Heacock Company,**

**Wyncote, Pa. Railway Station, Jenkintown.**

## EXTRA FINE Grafted Rose Plants

3½-inch Per 1000

|                               |          |
|-------------------------------|----------|
| White Killarney .....         | \$120.00 |
| Pink Killarney.....           | 120.00   |
| Maryland.....                 | 120.00   |
| Richmond.....                 | 120.00   |
| Perles.....                   | 120.00   |
| Maryland, own root.....       | 75.00    |
| Perles, own root.....         | 75.00    |
| Stevia, 2½-in.....per 100,    | 2.50     |
| Sprenger, 3½-in.....per 1000, | 45.00    |

**POEHLMANN BROS. CO.,**

Morton Grove, Ill.

## SHASTA DAISIES

Large divided roots, \$5.00 per 100.

|                                          |                  |
|------------------------------------------|------------------|
| Echeveria Metallica.....                 | \$25.00 per 1000 |
| Agave, variegated, 1½ to 2 ft.           | \$25.00 per 100  |
| Loquat Seedlings, pot-grown, 2 to 3 ft.  | \$25.00 per 100  |
| Grevillea Robusta, pot-grown, 2 to 3 ft. | \$15.00 per 50   |
| Spanish Broom, 3 to 4 ft.....            | \$10.00 for 50   |
| Violets, California.....                 | \$7.50 per 1000  |

**Las Palmas Greenhouses**

P. O. Box 453, PALO ALTO, CALIF.

Mention the American Florist when writing

## Am. Beauty

2½-in. \$6 per 100; \$50 per 1000  
4-in. \$15 per 100

Good assortment of H. P's, H. T's, T's, etc,

**THE LEEDLE FLORAL COMPANY**  
SPRINGFIELD-OHIO.

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## Poinsettias

Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½-inch pot plants ready in July. \$6.00 per 100; \$50.00 per 1000.



Katalog for the asking.

**Skidelsky & Irwin Co.**  
1215 Betz Bldg., Philadelphia, Pa.

Mention the American Florist when writing

## A. N. PIERSON, Inc.

Cromwell, Conn.

## ROSES It Will Pay You to Buy

Killarney, White Killarney,

Bride, Bridesmaid.

Selected grafted plants, ready for shipment, \$15.00 per 100; \$120.00 per 1000.

Prince de Bulgarie

The money maker for summer, fall and spring. Per 100 1000  
Grafted.....\$20.00 \$180.00  
Own root.....15.00 120.00

Double Pink Killarney, Mrs. Aaron Ward, Radiance and Melody.

**ORDER AT ONCE**

## ASPARAGUS HATCHERII

The variety that will increase your revenue. It will make more green to the square foot than anything you could grow. Selected plants, from 2½-in. pots, ready for larger pots or for planting, \$15.00 per 1000.

## ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 3-in. pots, \$6.00 per 100, \$50.00 per 1000

Mention the American Florist when writing

## HYDRANGEA Souvenir de Claire

The New Hydrangea of Begonia Lorraine Shade.

Strong plants from 3 inch pots, for growing on.

Price. \$5.00 per 100; \$50.00 per 1000.

**JACKSON & PERKINS COMPANY, Newark, New York**

Mention the American Florist when writing

## FERNS

|                   | 2½ in. | 3 in.   | 4 in.   | 5 in.   | 6 in.   | 7 in.   | 8 in.    |
|-------------------|--------|---------|---------|---------|---------|---------|----------|
| Bostons.....      | \$5.00 | \$10.00 | \$15.00 | \$25.00 | \$40.00 | \$60.00 | \$100.00 |
| Whitmanii.....    | 6.00   | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Amerpholii.....   | 6.00   | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Pierosini.....    |        |         |         | 35.00   |         |         |          |
| Superbissima..... |        |         |         | 35.00   |         | 75.00   | 100.00   |
| Plumosa.....      | 3.50   | 8.00    | 15.00   | 25.00   | 50.00   |         |          |
| Sprengeri.....    | 2.50   | 5.00    | 12.50   | 25.00   |         |         |          |
| Maiden Hair.....  | 5.00   | 15.00   | 25.00   |         |         |         |          |
| Small Ferns.....  | 5.00   |         |         |         |         |         |          |

GEO. A. KÜHL, Wholesale Florist, 423 Main Street, Peoria, Ill.

## Poinsettias

From 2½-in. pots. Strong, well established plants. Ready July 1. \$5.00 per 100; \$45.00 per 1000.

**STUPPY FLORAL CO., St. Joseph, Mo.**

## THE Storrs & Harrison Co.

**PAINESVILLE NURSERIES.**  
CATALOGUES AND PRICE LISTS  
FREE ON APPLICATION.....

**PAINESVILLE, OHIO.**



## The Nursery Trade

American Association of Nurserymen

J. H. Dayton, Fainesville, O. President;  
W. H. Wyman, North Abington, Mass. Vice-  
President; John Hall, Rochester, N.Y. Sec'y.  
Thirty-seventh annual convention to be  
held at Boston, Mass., 1912.

ROCHESTER, N. Y.—The roses were in their prime at the Ellwanger & Barry nurseries June 21-24 and a general invitation was issued to the people of the city to visit the grounds and enjoy the display, which was accepted by a large number. The climbing roses were a grand sight, presenting an array of so many colors. The newer varieties attracted a great deal of attention, especially Yielchanblau, the blue rose. Goldfinch, a beautiful yellow, and the many new white, pink and crimson varieties.

### The Ethics of the Nursery Business.

Paper read by Harlan P. Kelsey before the American Association of Nurserymen, at St. Louis, Mo., June 15, 1911.

It is significant as well as hopeful that anyone should have been asked to prepare a paper on the ethics of a business to be presented at the annual convention of the leading men engaged in that particular business. The question of ethics in the professions is an old one, and doctors, dentists, lawyers, architects, engineers, and even landscape architects have adopted ethical codes, which, when disregarded or ignored, tend to place the delinquent in an unenviable light with his fellow members, if not actually making him amenable to more or less drastic disciplines. Curiously enough, however, the subject of ethics in business, and particularly so-called "big business," has been persistently tabooed and even vigorously throttled until quite recently, and prevailing practices have been all too quietly accepted by the business man while financial success has been the one great test of a business man's right to general community esteem. Even now, in the face of judicial exposure, of vast frauds and systems of frauds involving our largest corporate interests and our wealthiest and hitherto most respected citizens, he who questions everyday business methods is usually termed muck-raker, if not socialist and anarchist.

Assuming that the dollar-getting methods of the average citizen are often unclean, when closely analyzed, and even dishonorable, and that the scramble for position and preferment leads to questionable practices to attain desired, though oft-times undesirable, ends,—this might truly give us reason to ponder carefully on the causes and possible remedies. Yet is it not a still graver problem when we consider how hushed is the voice of the teacher and the preacher on fundamental questions of every-day business ethics, which in the definition we are here disposed to discuss, means every-day business honesty and dishonesty? Down the ages, the preacher has thundered against immorality, while his voice seems forever strangely still about the immorality of his leading church members, even deacons, who supply his salary and build and support churches out of wealth acquired by dodging taxes, stock gambling, stealing public utilities, or even petty stealing of sidewalk space that belongs to the humble,

meek and non-complaining "common" citizen at large.

From the beginning, our teachers have taught classics, art, literature, law, science, and even religion, etiquette and so-called ethic ad nauseam, while at the same time they have given Young America precious little schooling in fundamental business honor, or ethical business methods. They have received a more or less efficient training to go out in the world in various directions and shift for themselves, which they promptly proceed to do, by "playing the game," as their fathers have played and are playing it, which means, to arrive with the goods,—straight if you can,—but above all else, arrive. And it's a silly fool who doesn't early learn that this is just what is generally expected of him by those who taught him, and by those who paid for his teaching, and desire their own so-called "successful" footsteps followed. And so we witness the merchant with his unfair competitive methods and shoddy, falsely-advertised goods, the importer evading duty, the builder and contractor bidding below cost, and relying on evading contract for his profit, the patent medicine fakir dealing out poison, the sweat-shops and child labor murderer, the manufacturer breeding tuberculosis in dusty, illy ventilated shops, the crowded tenement-house owner, whose profits are too often the price of crime, misery, and disease, the lawyer becoming the vote-buying politician, and so through the long list we all know so well, and admit of so little, to the nurseryman, who endeavors to increase his sales by unfair methods; by giving the bribe or graft to the gardener, superintendent of estate, or public official; by stealing information the property of others, or by claiming what is, is not, or what is not, is.

The gardener or other employe is hired to represent his employer's interest, and no sane man will argue that he is free to do so, or liable to do so, after having accepted a bribe or the promise of a bribe or gratuity. There can be no distinction in its moral or ethical aspects, between the case just cited, and the legislator or public official, theoretically serving the people, yet riding on a free pass or accepting a retainer from the railroad or other public service corporation whose selfish interests are rarely in accord with the best public welfare. It is bribery, pure and simple, and a conspiracy to defraud, and the most charitably inclined can hardly make the indictment less specific or comprehensive. In Massachusetts, the giving of a gratuity to a servant or agent with a view to influencing business with the principal is a felony under the law, and I believe it is now the same in Pennsylvania, New York, and possibly other states. Yet, from its very nature, such bribery is the most difficult to prove, when both briber and bribed are equally guilty, while the unlawful practice is universally conceded to be as common as business itself. The results of this bribing of employes cannot be other than a blunting of the sensibilities in other directions. I know of cases where the employers themselves wink at the practice, allowing themselves to be robbed, if within decent limits, feeling it hopeless to fight against a system so thoroughly entrenched, and which they practice themselves. One can scarcely blame the underpaid gardener for increasing

his meagre income by accepting the small graft when all concerned know that the employer is possibly or probably an employer only as a result of larger and more successful graft, bribery, or other dishonest business methods.

Time bids me close, and I have specifically touched on but one phase of ethics in our business. Misleading advertising, exaggerated and incorrect description of goods, speaking unfairly of our competitors, the nursery-agents' oft-times too enthusiastic tables and statements of yield, size, color, and fragrance, the utterly inexcusable practice of supplying two or more rare and high priced varieties out of one common cheap variety, our honest packing and grading relations to our employes, and other ethical questions must be left for later discussion, important as they really are. If I have partially diagnosed the case, it should be cause for optimism, for a disease once recognized and admitted will be surely combated.

Perhaps right ethics in our business or in business generally will never be universally practiced until co-operation in business takes the place of competition, or perhaps until our economic system is radically changed in many other respects. Yet actual bribery in the form of gifts and favors to employes of customers can and should be done away with, and the American Association of Nurserymen might very well declare itself at this time, in no uncertain voice. Let the power of public opinion at least act on those who practice this form of dishonesty and law-breaking, even if actual convictions cannot be had as quickly as some of us hope for.

It is necessary, yet not sufficient, for individuals to be personally clean in business practice, for each citizen has public duties to perform and public service to render, if nothing more than standing back of those who are striving for juster, more equitable economic conditions, an actually applied code of ethics among public officials and in private business life. Tainted dollars will probably continue to be equal in buying value to clean dollars, yet we recently have most abundant proof that American conscience is so aroused that the dollar mark as indicative of our national life and character will sooner or later be replaced by a coat of arms representing square deal, social service, and co-operative effort.

Naturally, it is the easier and more profitable course to "play the game" according to current rules, number one being "Do the other fellow, and do him first"; number two, "It's no crime, unless you are caught." Yet the uneasy seats of some of our distinguished senators and representatives in congress and the striped design of clothes worn by an increasing number of well-known bankers, promoters, and other public and private officials who have played the game, not observing rule two, would indicate a growing desire on the public's part to change the rules for perhaps more ethical ones. Each individual is partly responsible for existing rules and standards of ethics in business, and when we really want a change for the better, the change will come. Don't duck behind the other fellow,—it's up to you and me individually, and the changing of the code is a personal matter; for when these things are settled individually, be sure collective action will promptly and effectively follow.



PLANT OF DOROTHY PEACOCK.

Notice the heavy vigor of plant, and eye at base of young tubers.

### The Sensational New Cut Flower

# Dahlia Dorothy Peacock

## Representing the Highest Development in Dahlias

Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England,

### Beautiful, Pure Pink

Long stems, hardy, free bloomer, full to the center. Send for catalogue. Cut shows we know how to propagate, as well as the vigor of this new Dahlia.

## Peacock Dahlia Farms

P. O.: Berlin, N. J. Williamstown Junction, N. J.

### Nurserymen's Guarantee.

#### ED. AMERICAN FLORIST:

How much responsibility should be assumed by stating "We guarantee trees to grow?" Would it mean that the guarantee had been fulfilled if the trees had been properly planted, or transplanted, guyed and watered, then put forth growth and started to grow? Afterward on account of not being properly cared for, the trees died, should the guarantee hold as though it read "We guarantee the trees to live?" S. & S.

In furnishing nursery material we rarely make guarantees. Indeed, we are rarely asked to stipulate a warranty, and usually decline when asked, further than that the stock shall be of good quality and in good condition when shipped, or, if delivered, in a like condition when received. In rare instances we guarantee to replace, either at half price, or, if without further charge, make an additional charge in the first instance sufficient to cover the risk for time the guarantee runs. Even in such cases we never assume liability further than to replace the stock without additional charge. In such cases, too, we have a contract drawn directly applicable to the particular case, which will stand or is supposed to stand in the courts, so that each side thus know in advance what the status of the legal rights of each may be.

We consider that on general principles guaranteeing nursery material, like other things of life, is an unattractive proposition. In any event, this is our view, and our action as already indicated is governed accordingly.

F. W. KELSEY NURSERY CO.

TULSA, OKLA.—Perry N. DeHaven is building a new greenhouse 22x100 feet, modern construction.

CAMDEN, N. J.—August Jackel Jr. has moved to the property which he recently purchased at Twenty-sixth and Federal streets.

COUNCIL BLUFFS, IA.—H. Cheesman, representing Vaughan's Seed Store, Chicago, has been calling on the trade here. Mrs. Cheesman, who is quite ill, accompanied him on the trip.

### Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangeas P. O., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

Price List Free on Demand.



### Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co., MORRISVILLE, PA.

### Lysichitum Camtschatense.

This is a little-known plant, and one that appears to have been quite overlooked in works on horticulture. An account of this species appears in "A Practical Guide to Garden Plants," by John Weathers. The author refers to it as "A noble-looking Aroid, native of the swamps of northern Asia and America. It is a stemless plant, throwing up large oblong lance-shaped acute leaves one to two feet in length and three to ten inches across, from a thick horizontal rootstock. The leaves are sometimes spotted or mottled like those of the Dieffenbachia, a tropical relative. The stout flower stalk is six to 12 inches high and bears a spathe with a broad sharp-pointed blade, and a spadix three to four inches long. The flowers on the spadix are hermaphrodite and all fertile." The author goes on to say, "It is not yet in cultivation, but will doubtless prove to be perfectly hardy in marshy parts of the rockery or near the banks of lakes, streams, etc. It would probably produce seeds freely in our climate, and by this means could be readily increased."

In actual practice it is found to propagate quite freely by offsets, says a writer in The Garden, consequently there is no need to adopt the slower practice of raising plants from seed. There is only one known species of Lysichitum, although there is now a

## Verbenas! Verbenas!! Verbenas!

The Gem Bedding Plant.

Send for circular.

**J. L. Dillon**  
Bloomsburg, Pa.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.  
Chestnut Hill, PHILA., PA.

## Phoenix Nursery Company

Nurserymen and Florists

BLOOMINGTON, ILLINOIS

Send list of wants for prices.

Wholesale catalogue for Spring 1911 now ready

white variety in cultivation which is not nearly so strong in constitution. The type has bright yellow spathes which are very showy indeed. That the plant has proved hardy in our climate is shown by the fact that it may now be seen flowering outside at Kew. Even though it is a little-known plant in this country, it is the possessor of a common or popular name, for it is known as the skunk weed.

APPLETON, WIS.—Nicholas Ney has sold his place consisting of 9½ acres of ground with two greenhouses to a Mr. Seeker.



**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.

**Clematis Paniculata**, strong, from 4 in. pots, \$10.00 per 100; 3 in. pots, \$5.00 per 100.

**Honeysuckle**, Halleana, Woodbine and Japanese variegated, 4 in. pots, \$10.00 per 100.

**English Hardy Ivy**, 4 in. pots, \$10.00 per 100.

**Stock from 3-in pots**, \$4.00 per 100: **Salvia**, Bonfire and Zurich.

**Ampelopsis Vetchili**, Hardy English Ivy; **Passion Vine**, Acalypha, Stevia, Dwarf and Tall and Variegated.

**Coleus**, Verschaffeltii and Golden Buzzer; **Alternanthera**, red and yellow; **Achyranthes**, 2 varieties, all 2½ in. pots, \$2.00 per 100.

**Asparagus Plumosus**, 2 in. pots, \$2.00 per 100.

**Asparagus Sprengeri**, 2½ in. pots, \$3.00 per 100; 3 in. pots, \$4.00 per 100.

**Seedlings from flats**, \$1.00 per 100: **Dracaena** Indivisa and Latifolia; **Smilax**.

## C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

Mention the American Florist when writing

### Toronto.

#### BUSINESS BETTER THAN LAST YEAR.

Belated June weddings and a fair amount of funeral work keep business a little better than last year, the continued warm weather shows its effect on the roses and carnations that are coming in, many of the houses are being replanted and things generally are beginning to look very much like summer. Brides and Killarney constitute the majority of the rose stock, Richmond being small and blowing quickly. American Beauties are about over for this season. Sweet peas, lily of the valley and outdoor flowers form the majority of window decorations in the stores. Peonies, except the very late varieties, are about over as the cold storage stock meets with little approval here. Iris of the Spanish, English and German varieties is plentiful.

#### NOTES.

The Bedford Park Floral Co. are erecting a 250 foot house for roses, a number of the English varieties which have not yet been disseminated will be tried and arrangements are being made for the increasing of their already good plant.

The increased price of real estate has been a boon to the growers in the near vicinity, their ground in many instances being worth six and eight times what it was a few years ago; \$65,000 was cleared by one firm on ten acres.

The continued drouth and warm weather have retarded the growth of carnations in the field and where there is no connection with city water many of the plants are very small.

John Dobie of Niagara Falls was a visitor looking up Boston ferns. He stopped on his way back from Ottawa, but reports that it is impossible to find Boston anywhere.

Coronation day did little to help the retailers; there were a few banquets but transient trade was very poor, most of the stores taking a half holiday.

W. E. Mackay is bringing in well grown glloxinias. These have been off the market here for so many years that they meet with ready sale.

Chas. Tidy & Son are showing Golden Glow chrysanthemums, the first of the season.

A. Houle is still cutting quantities of sweet peas which have been a steady crop since before Christmas.

H. G. D.

MILLVILLE, MASS.—All of the good stock is sold, the spring trade has been better than the average. The stock on hand in the stores in Woonsocket, R. I., just over the state line, is mostly odds and ends. There never was such a scarcity of good geraniums. As for pansies, hardly any plants have

# BOBBINK & ATKINS

World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

## B. & A. SPECIALTIES:

Palms, Bay Trees, Boxwood and Hardy Herbaceous Plants, Evergreens, Roses, Rhododendrons, Vines and Climbers, Autumn Bulbs and Roots, Conifers, Pines

Florists are always welcome visitors to our nurseries. WE are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists.

RUTHERFORD, N. J.

Mention the American Florist when writing

# ROSES

Clean. Healthy Stock. Limited Quantity. First Come, First Served.

For immediate shipment we offer the following varieties at reduced prices, as we need the space they occupy:

|                                   | Per 100 |                                   | Per 100 |
|-----------------------------------|---------|-----------------------------------|---------|
| 1,800 American Beauty, 3½ in..... | \$6.00  | 400 My Maryland, 2½ in.....       | \$4.00  |
| 1,500 My Maryland, 3½ in.....     | 6.00    | 2,000 Pink Killarney, 2½ in.....  | 4.00    |
| 1,000 Pink Killarney, 3½ in.....  | 6.00    | 500 Mrs. Jardine, 2½ in.....      | 4.00    |
| 200 White Killarney, 3½ in.....   | 6.00    | 1,000 White Killarney, 2½ in..... | 4.00    |

ASPARAGUS PLUMOSUS NANUS, 2-in .....\$3.00 per 100; \$25.00 per 1000.

J. A. BUDLONG, 82-86 E. Randolph St., Chicago

# ROSES! ROSES! ROSES! Special Own Root Stock.

Richmond, American Beauty,

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Chatenay,

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2½-inch pots.

Send for circular.

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# Asparagus

|                                          | Ready July 15. | Per 100 |
|------------------------------------------|----------------|---------|
| Plumous Seedlings, per 1000, \$9.00..... | \$1.00         |         |
| Sprengeri Seedlings, per 1000, 7.00..... | 1.00           |         |
| Plumous, 2½ in. pots.....                | 2.00           |         |
| Asparagus Sprengeri, 2½ in. pots.....    | 2.00           |         |
| .....per 1000, \$17.50.....              | 2 (0)          |         |

Pansy Seed, Giant flowering.....02.....\$4.00.

Cash.  
Please.

JOS. H. CUNNINGHAM, Delaware, O.

# POINSETTIAS

(TRUE TYPE)

JULY AND AUGUST DELIVERY

We will have a fine lot ready early in July. Strong 2 1-2 in. pot plants.

Price, \$5.50 per 100;

\$50.00 per 1000.

A. HENDERSON & CO., 162 N. Wabash Ave., CHICAGO

been offered for sale either in the stores or on the streets. The scarcity is thought to be owing to drought last fall, and florists were unable to plant seeds.

# Primroses

Ready July 15.

|                                                   | Per 100 |
|---------------------------------------------------|---------|
| Chinese Obsc. Alba, Rosea and Forbesi.....        | \$2.00  |
| Obconica Gigantea and Sanguinea, 2½ in. pots..... | 3.00    |

## Geraniums

Next lot ready about July 10: S. A. Nutt, Ricard, Poitevine, \$10.00 per 100. Orders booked for fall delivery at same price.

### SMILAX

Good pot plants the kind it pays to buy, \$1.50 per 100; \$12.50 per 1000.

### SPRENGERI

Ready now from 4-inch pots, \$5.00 per 100; 2-inch stock, July 15 at \$1.50 per 100.

### LIME

Hydrated, pulverized and bagged, will keep, is the best you can buy and a paying investment at \$4.50 per one-half ton.

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A fine assortment of the best varieties mixed (rooted cuttings) by mail, \$1.25 per 100; by express, \$10.00 per 1000.

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Who wants 'em.

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  - 1000 Orange, Otoheite.....2.00
  - 800 Lemon, Ponderosa.....2.00

Thrifty 2½-in. pot stock. Last time this ad. appears. Order quick.

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Newark, New York.  
*Mention the American Florist when writing*

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- Geraniums, Nutt. Perkins Grant, La Favorite, R. C., \$1.25, 2 in. pots, \$2.00; 3 in. \$4.00 per 100; Vaud Castellane, Pointevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2 in. pots, \$2.50; 3 in. \$5.00 per 100.
- Whitman Ferns, 2-in. 25c each. 5 in. 35c.
- Boston Ferns, 5 in. 25c each.
- Vince Var., 2 in. \$2.00 per 100.
- Dracena Ind., 3 in. \$5.00; 4 in. \$10.00; 5 in. \$25.00 per 100.
- Asparagus Sprengeri, 2 in. \$2.50 per 100.
- Melotrope, Blue, K. C., \$1.00 per 100.
- Coleus, Alternanthera Red and Yellow, Heliotrope, Cigar Plant, Ageratum, Blue Verbenas, 2 in. \$2.00 per 100.
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**WHITMAN FERNS**  
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\$50 at 1000 rate.  
Magnifica, 2½-inch 15c each.

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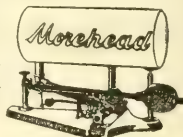
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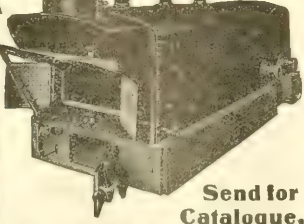
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Asparagus Sprenger, from 3-in. pots, 3¼c; strong stock. J. L. Schiller, Toledo, O.

Asparagus Sprenger, 2½-in., 2c. Mosback Greenhouse Co., Onarga, Ill.

## BAY TREES.

Bay trees, For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-inch crowns. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatories, Sidney, O.

Bay trees, Julius Roehrs Co., Rutherford, N. J.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Bedding stock: Cannas, John D. Eisele, Eganville, Ill.; Crozy, 4-in., \$3 per 100. Alb. Bouvier, R. Wallace, \$7. English Ivy, 3-in., \$10 per 100; 2½-in., \$5. Begonia Erford, 4-in., \$8 per 100; Vernon, 4-in., \$7 and \$8 per 100; 3-in., \$5. Lemon verbenas, 4-in., \$7. Scarlet sage, Redman or Bonfire, 4-in., \$7. Ageratum, 4-in., \$7. Fuchsias, 4-in., \$7; 5-in., \$10. Petunias, dbl., 4-in., \$7. Lantanas, 4-in., \$7. Geraniums, Nutt, Ricard, Buchner, 4-in., \$7. Ivy geraniums, 4-in., \$6. Honeycups, Hailand, 4-in., 10c; 5-in., 15c each. Crimson Rambler roses, 50c to \$1 each. Clematis paniculata, 5¼-in., 15c to 20c each. Cobea scandens, 4-in., 10c each; 3-in., \$4 per 100. Small plants, 2½-in., \$2.50 per 100. Verbenas, Phlox Drummondii, dwt. and grandiflora; Dwt. Tagetes (Marigold); Coleus, Verbena, Golden Bells, dwt. Queen Victoria, 4c; Petunias, Immitable, dwt.; Sweet Alyssum Carpet of Snow or White Gem; tradescantia, Thunbergia, Lobelia Crystal Palace, etc.; carnations; Antennaria Gram.; Pyrethrum Aureum, \$3 per 100; Kenilworth Ivy, 2½-in., 3c. Acalypha, 100; \$25 per 1,000. Asters, giant Crozy \$3 per 100; \$25 per 1,000. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, Fuchsias, Asparagus Sprenger, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Emhardt, Bristol, Pa.

Bedding plants: Abutilon Savitzki, 2-in., 45c per doz.; \$3 per 100. Ageratium Little Blue Star, 2½-in., 50c per doz.; \$3.50 per 100. Cobea Scandens, 4-in., \$1.75 per doz.; \$12 per 100. Coleus Golden Redder, 2-in., 50c per doz.; \$3 per 100; John Prister, 2-in., 60c per doz.; \$4 per 100. Geraniums, S. A. Nutt, 2½-in., 60c per doz.; \$4 per 100; John Doyle, 4-in., \$1.25 per doz.; \$8 per 100. Moonvine, white, 3-in., \$1.25 per doz.; \$10 per 100. Salvia Drooping Spikes and Zurich, 2½-in., 60c per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

Stock from 3-in. pots, \$4 per 100: Salvia Bonfire and Zurich; Ampelopsis Veitchii; Hardy English Ivy; passion vine. From 2½-in. pots, \$2.50 per 100: German Ivy, Impatiens Hostii and Sultan; clematis, snapdragons, Clematis paniculata, Abutilon Savitzki, Salvia Bonfire, lobelia, Eonymus radicans, cosmos, bouvardias, 2-in., \$3 per 100. Achyrantes, 2 var., 2½-in., \$2 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

## BEGONIAS.

Begonias for May and June delivery. All leaf cuttings, very best stock only. Begonia Lorraine, \$12 per 100; \$50 per 500; \$80 per 1,000. Begonia Agatha, \$12 per 100. Begonia La Patrie (new) \$6 per doz. Julius Roehrs Co., Rutherford, N. J.

Begonias, Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2-in., \$2 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonia, For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2½-in., twice transplanted, \$12 per 100; in 500 lots, \$50 the 500. Julius Roehrs Co., Rutherford, N. J.

BEGONIA VERNON, 2-in., \$2 per 100; \$18 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Begonias in bloom, 2½-in., 3c. Mosback Greenhouse Co., Onarga, Ill.

## BOXWOOD.

Box trees, all sizes. Ask for special list. Julius Roehrs Co., Rutherford, N. J.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering, 60c per doz.; \$4 per 100; \$35 per 1,000; Gloxinias, separate flowers, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Bulbs, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, All kinds. Jas. Vicks's Sons, Rochester, N. Y.

Bulbs, Burnett Bros., 72 Cortlandt St., New York.

Bulbs, E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus, Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing, \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

Cannas, Eganville Marlborough, \$1.50. David Harum, \$2 per 100. J. H. Dunn, Westfield, N. Y.

Cannas, leading kinds, R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**CANNAS.** 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. Wilkinson Elliott, 200 Pattry, 200 J. D. Cabos, 100 Louisiana, 100 Flammarion, 300 Allema, 100 Albion Boulevard, 50 Pres. McKinley, 150 Eganale, 200 Crimson Reader, 50 Wm. Farmer, 50 Express, 100 P. Crozy, 200 Mme. Crozy, 50 David Haron, 300 Burbank, 100 S. D. A. Crozy, 100 Paul Marquis, 200 Mlle. Berat, 50 Partenose, 50 Ed. Chas. AT line, 200 from 3-in. pots, \$4 per 100; 1,000 our selection for \$20. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

### CARNATIONS.

Carnations, strong, well branched plant. **APPLE BLOSSOM** (Crown), endorsed by Fatten & Co., carnation specialists, Tewksbury, Mass.). **PINK DELIGHT**, DOROTHY GORDON, Waukegan Greenhouses, Barneveld, N. Y.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations. Wood Bros., Fishkill, N. Y.  
Carnation Bright Spot, N. Zweifel, North Milwaukee, Wis.  
Carnations. F. Dörner & Sons Co., La Fayette, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

### CHRYSANTHEMUMS.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Fiehlmann Bros. Co., Morton Grove, Ill.

Pacific Supreme, R. C., \$2 per 100; \$15 per 1,000; 2 1/2-in., \$2.50 per 100; \$20 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Chrysanthemums, plants out of soil, Pink and White Ivory, \$2 per 100. Weir Bros., 162 N. Wabash Ave., Chicago, Ill.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

### CASTOR BEANS.

CASTOR BEANS, 4-in., \$1 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### CINERARIAS.

Cinerarias, stellata, 3-in., 4c. Mosbæk Greenhouse Co., Onga, Ill.

### CLEMATIS.

Clematis, 2-year plants, \$3 per doz. Panicle-lata, 4-in., \$10 per 100; 3-in., \$5 per 100. Elsele, 11th and Westmoreland Sts., Philadelphia.

CLEMATIS DUCHESS OF EDINBURGH, 6-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

CLEMATIS JACKMANI, 6-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### COBEAS.

Cobea Scandens, 3-in., 4c; 4-in., 10c. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### COLEUSES.

Coleus, best bedders, large 2 1/2-in. plants, \$1.50 per 100; \$12 per 1,000. C. Humfeld, Clay Center, Kans.

Coleus, standard varieties, 2 1/2-in., \$2 per 100. Mosbæk Greenhouse Co., Onga, Ill.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 2-in., \$2 per 100; 3-in., \$3. E. Vincent, Jr., & Sons Co., White Marsh, Md.

### CROTONS.

CROTONS, 2 1/2-in., \$1 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Crotons, 10 vars., 2 1/2-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

### CYCLAMENS.

CYCLAMEN. Best varieties in different colors, 3-in. pots, strong plants, \$10 per 100; \$80 per 1,000. Julius Roehrs Company, Rutherford, N. J.

Cyclamen, best giant commercial strain, 8 separate colors or mixed, 2-in., 4c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidley & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2 1/2-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

### DAHLIAS.

Dahlias. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Dahlia Dorothy Peacock. See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J. P. O. Berlin, N. J.

### DAISIES.

Giant Double Dahlias, mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Keanthworth, N. J.

Daisies, Shasta, div. roots, \$5 per 100. Las Palmas Greenhouses, Palo Alto, Calif.

### DRACENAS.

Dracena Indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Horrell, N. Y.

DRACENA MASSANGIANA, 5-in., \$1.25 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

DRACENA FRAGRANS, 2 1/2-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Fragrans, 2 1/2-in., \$1.50 per doz. 3-in., \$2 per doz.; 4-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena Indivisa, 2-in., 3c; 2 1/2-in., 2 1/2c; 3-in., 3c. J. H. Dunn & Son, Westfield, N. Y.

Dracena Indivisa, 2 1/2-in., 3c. Mosbæk Greenhouse Co., Onga, Ill.

Dracena Indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

Dracena Indivisa, 2 1/2-in., \$2.50 per 100. Henry Daut, Decatur, Ill.

### FERNS.

Ferns, Scotti, 4-in., \$1.50; 7-in., 75c to \$1. Whitman and Scholzel, 7-in., \$1. Glatrasli, 5, 5 1/2-in., 30c to 40c; 4-in., 20c and 25c. Large in. Boston, Whitman, Scotti and Scholzel, 15c to 20c. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Nephrolepis Glatrasli, 2 1/2-in., \$5 per 100; \$75 per 1,000; 4-in., \$25 per 100. Geo. Glatras, 493 Summit Ave., West Hoboken, N. J.

Ferns, mixed for dishes, 3-in., 85c per doz.; \$8 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Boston, 3-in., \$8 per 100. Reeser Plant Co., Springfield, O.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns for dishes, 2 1/2-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000. Frank Oechslin, 4911 Quincy St., Chicago.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Boston, 2 1/2-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

Ferns, Bobbink & Atkins, Rutherford, N. J.

FERNS FOR DISHES, 2-in., \$3 per 100; \$25 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, Boston, 3-in., \$1 each. F. R. Pieron Co., Tarrytown-on-Hudson, N. Y.

Adiantum Farleyense, 2 1/2-in., \$15 per 100. J. A. Peterson, Westwood, Cincinnati, O.

### GERANIUMS.

Nice young stock from 2 1/2-in. pots, Nutt, Grant (double). Polterine, Buchner, \$2 per 100; \$17.50 per 1,000. Cash. The W. T. Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Vitell, Cincinnati. Polterine, Jaulin, Richard, Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, standard sorts, 3-in., \$3 per 100; 2-in., \$2 per 1,000. Novelties, one each of 50 sorts, \$5. Ivy geraniums, scented and variegated geraniums, R. Vincent, Jr. & Sons Co., White Marsh, Md.

Geraniums, R. C. Nutt, Richard, Polterine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

### GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galt, 9c per 1,000. Boxwood (Rich. Ed.), \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimmings, 4c and 5c per yard. J. Jansky, 19 Providence St., Boston.

Greens, southern wild smilax, log mosses, natural and perpetuated. A. E. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bromeliads, 9c per 1,000. Cotsonas & Co., 50 W. 25th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Loretta, \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ill.

### HARDY PLANTS.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

### HELIOTROPES.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Heliotrope, 2-in., \$2 per 100; 3-in., \$3. E. Vincent, Jr., & Sons Co., White Marsh, Md.

### HIBISCUS.

Hibiscus Peachbloss, 2 1/2-in., \$2.50 per 100. Jackson & Perkins Co., Newark, N. Y.

### HYDRANGEAS.

Hydrangea Souvenir de Claire, the new hydrangea of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Hydrangea Avalanche, 2 1/2-in., pots, 50c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

Hydrangeas. For varieties and prices see advertisement on front cover page. F. E. Pierson Co., Tarrytown-on-Hudson, N. Y.

### JUMPING BEANS.

Mexican Jumping Beans. Live beans that continue to jump for weeks; the greatest wonder for show window and counter trade, 50c per 100, \$4 per 1,000, postpaid. J. A. McDowell, Ap. 167, Mexico City.

### LEMONS.

Lemon Ponderosa, 2 1/2-in., \$2 per 100. Jackson & Perkins Co., Newark, N. Y.

### LILACS.

Lilacs. Jacs Smits, Ltd., Naarden, Holland.

### LILY OF THE VALLEY.

#### To Import.

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

#### From Storage.

Lily of the valley, cold storage pips, case of 100, \$13; case of 5,000, \$36. J. M. Thorburn & Co., 33 Barclay St., New York.

Lily of the valley. H. N. Bruns, 3038-42 W. Madison St., Chicago.

### LOBELIAS.

Lobelias. Crystal Palace and White, very strong, 2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

LOBELIAS, 2-in., \$18 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

### MOONVINES.

Moonvines (Ipomoea noctiflora), 2 1/2-in., \$5 per 100; 3-in., \$8; 4-in., \$12. G. Aschmann, 1012 W. Ontario St., Philadelphia.

### MOSS.

Sheet log moss, \$1.25 per 2 bus. sack. Chas. H. Cramer, Uniontown, Pa.

### MUSHROOM SPAWN.

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer, Niagara Mushroom and Spawn Co., Lockport, N. Y.

Mushroom Spawn, Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.

### NURSERY STOCK.

Nursery stock, Agave, var., 1 1/2 to 2 ft., \$25 per 100. Locust seedlings, 2 to 3 ft., \$25 per 100. Grex, Edgebrook, Chicago, Ill.

Spanish broom, 3 to 4 ft., \$10 per 30. Las Palmas Greenhouses, Palo Alto, Calif.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

### ORANGES.

Oranges, Oatthete, 2 1/2-in., \$2 per 100. Jackson & Perkins Co., Newark, N. Y.

### ORCHIDS.

Orchids. Largest stock in the country. Julius Roehrs Co., Rutherford, N. J.

Orchids of all kinds. Lager & Hurrell, Summit, N. J.

### PANDANUS.

PANDANUS UTILIS, 4-in., \$3 per doz.; 5-in., \$5 per doz.; 7-in., \$12 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Pandanus Veitchii, \$1 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

**PALMS.**

Palms, Phoenix Rec., 4-in., 25c each; \$3 per doz.; \$20 per 100. Latania Borb., 3-in., \$8 per doz.; \$60 per 1,000. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

KENTIA BELMOREANA and FORSTERIANA, 2½-in., \$1.50 per doz., 3-in., \$2 per doz.; 4-in., \$3.50 per doz.; 5-in., \$5 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

LATANIA BORBONICA, 3-in., 8c each; \$1 per doz.; \$8 per 100; 4-in., \$3 per doz.; \$20 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

PHOENIX RECLINATA, 4-in., 25c each; \$3 per doz.; \$20 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

PHOENIX ROBELENI, 6-in., \$2.50 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**PEONIES.**

Peonies, all vars. Jas Smits, Naarden, Holland.

Peonies, all standard varieties. The Good & Reese Co., Springfield, O.

**PEPPERS.**

CHRISTMAS PEPPERS, 2-in., \$3 per 100; 3-in., \$8 per 100; 4-in., \$12 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**PHLOX.**

Phlox, 15 vars., R. C., \$1.25 per 100 by mail, \$100 per 1,000 by express. A. M. Herr, Lancaster, Pa.

**POINSETTIAS.**

Poinsettias, 2½-in., \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Shidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

**PRIMULAS.**

Primulas from 2-in. pots, frame grown, no better strains in existence. Chinenis, the best giant fringed, 12 separate colors, or mixed, 2c. Obconica grandis, Bonadortier and Lattmann, unrivaled hybrids, 14 colors or mixed, 2½c. Obconica gigantea, 6 colors or mixed, 3c. Ready June 20. J. L. Schiller, Toledo, O.

Primroses. Jos. H. Cunningham, Delaware, O.

**ROSES.****ROSES.**

3,000 American Beauty roses, 2-in., nice stock, \$50 per 1,000.

Mrs. Jardine, 2½-inch, ..... 3.00 25.00  
Pink Killarney, 2½-inch, ..... 5.00 40.00  
Kaiserin, 2½-inch, ..... 8.00 25.00

VIETOR BROTHERS, Chicago.

162 North Wabash Ave.

**ROSE PLANTS.**

3-inch, Per 100 Per 1,000  
1,100 Mrs. Jardine ..... \$4.00 \$35.00  
1,100 Richmond ..... 4.00 35.00  
1,100 Mrs. Maryand ..... 4.00 35.00  
1,400 Pink Killarney ..... 4.00 35.00

Sinner Bros. Chicago, Ill.  
82-86 E. Randolph St.

Roses, strong clean stock, own roots. Brides and Bridesmaids, \$7 per 100. Kaiserin Augusta Victoria, Pink Killarney, White Killarney, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$15 per 100. P. R. Quinlan, Syracuse, N. Y.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000; 2½-in., \$5 per 100; \$45 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Chas. H. Totty, Madison, N. Y.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. A. Budlong, 82 E. Randolph St., Chicago.

Roses, Perles, 4-in., \$8 per 100; 2½-in., \$5 per 100; 3-in., \$10 per 100; Grafted Pink Killarney, 4-in., \$12. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Roses, Killarney and White Killarney, 2-in., \$5 per doz.; 3½-in., \$5; Maryland, 2½-in., \$3 per 100. Castle Grove Greenhouses, Danville, Va.

HABY RAMBLER roses, Standards, 7-in. pots, 3 feet stems, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

LADY GAY or PINK BABY RAMBLER, strong, 7-in., \$5 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

DOROTHY PERKINS, 4-in., \$2 per doz; 5-in., \$3 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, 3,000 good American Beauty Plants, 2-in., \$50 per 1,000. Weitor Bros., 162 N. Wabash Ave., Chicago, Ill.

Roses. For varieties and prices see advertisements elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

White or Pink Baby Ramblers, in bud, 4-in., \$3 per doz.; 5-in., \$4 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. Newport Fairy, 50c each; \$20 per 100. Julius Roehrs Co., Rutherford, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding. H. F.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses, Kaiserin, Rhea Reid, Killarney, Bon Silene and Safrano. W. H. Elliott, Brighton, Mass.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses. Leadle Floral Co., Springfield, O.

**SALVIAS.**

Salvia, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Salvias, 4-in., \$3 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

**SEEDS.**

Seeds, onions, peppers, early tomato, cauliflower, beans 97 vars.; melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seed, onions, lettuce, sweet peas, carrot, celery, leaf-mustard, parsley, parsnip, radish, sautney, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan Mich.; Sister Bay, Wis.

Seeds, Brown's Giant Pansy, ¼ oz., \$1; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$5; ¼ lb., \$14; ½ lb., \$25; 1 lb., \$50. Peter Brown, Lancaster, Pa.

Seeds, pansy. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Roemer's Superb Prime pansies. Fred. Roemer, Quedlinburg, Germany.

Seed, Asparagus plumosus nanus, \$1.75 per 1,000; 2,000 and over, \$1.50 per 1,000. Drake Plant Greenhouses, Xanadu, Fla.

Seeds, cabbage, cauliflower, carrot, mangel, squash and turnip. Chr. Olsen, Odense, Denmark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar Gint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beans, cabbage, carrot, celery, lettuce, onion, parsley, radish, rutabaga, turnip. Denaire & Son, Carignan, Northern France; Chas. Johnson, Marietta, Ga., agent.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onions, sweet peas, aster, cosmos, nigella, verbenas. Waldo Rohmert, Gilroy, Cal.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, 6-ft. garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Growers for the wholesale trade only. Brazilian Seed Growers' Co., San Jose, Calif.

**SMILAX.**

Smilax, \$1.50 per 100; \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax. Wood Bros., Fishkill, N. Y.

Smilax, strong from 2-in. pots, 2c. J. L. Schiller, Toledo, O.

**SNAPDRAGONS.**

Snapdragons, white and pure pink, best seller of all snapdragons, 2½-in., \$2 per 100; \$18 per 1,000; 50c at 1,000 rate. Cash. Clement S. Lewis, Alden, Del. Co., Pa.

**STEVIA.**

Stevia, R. C., \$1 per 100; 2-in. pots, \$2.50 per 100. Jas. J. Curran, Supt. Castle Grove Greenhouses, Danville, Pa.

Stevia, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

**SPIREAS.**

Spirea. J. Smits, Ltd., Naarden, Holland.

**STOVE PLANTS.**

Stove plants and crotons. Finest collection. Julius Roehrs Co., Rutherford, N. J.

**SWAINSONA.**

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

**VEGETABLE PLANTS.**

Vegetable plants: Cabbage, Wakefield. All head, Succession, etc., \$1 per 1,000; 10,000 and over, \$5c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, \$5c per 1,000. Beets: Crosby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Vegetables: Tomato, Earliana, Stone, \$1 per 1,000. Pepper: Chinese Giant, \$1.50 per 1,000. Lettuce: Big Boston and Grand Rapids, \$1 per 1,000. Cabbage: Standard sorts, \$1 per 1,000. Celery: White Plume and Dwt. Golden Heart, \$3 per 1,000. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Cabbage plants: lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

**VERBENAS.**

Verbena. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepaid, by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

**VIOLETS.**

Violets, California, \$7.50 per 1,000. Las Palmas Greenhouses, Palo Alto, Calif.

**BOILERS.**

Boilers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers. The Superior Standard. The Superior Machine & Boiler Work, 850 Superior St., Chicago.

Boilers. Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers. Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shelden Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers. Lord & Burnham Co., Irvington, N. Y.

✓ You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Boiler flues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

#### INSECTICIDES

Fresh tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharrf Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides. Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Alphonse Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Soothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Puuk, \$6.50 per case of 12 paraffined boxes.

#### GLAZING POINTS.

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, 5/8 and 3/4, 40c per lb.; 18c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

#### GREENHOUSE CONSTRUCTION.

Greenhouse construction, cyress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hittchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, iron truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

#### GUTTERS

Gutters. Jennings' Improved Iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

#### MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kerr-moor, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Model extension carnation support; galvanized rose stakes. Igoo Bros., 286 N. 9th St., Brooklyn, N. Y.

Daylily glass cleaners, for prices see advertisement elsewhere in this issue. Andersen Specialty Co., 4648 Calumet Ave., Chicago.

Pipe flues and greenhouse fittings. Illinois Pipe Mfg. Co., 2113 So. Jefferson St., Chicago.

Coal, Pocahontas. Northern States Coal and Mining Co., 342 S. Dearborn St., Chicago.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

Superior Carnation Staple, 1,000 for 50c. F. W. Waite, 283 Main St., Springfield, Mass.

Peerless Sulphur Blower, \$4. McLorran & Co., 182 N. Clinton St., Chicago.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

The Kleinschmidt Soil Grinder. F. Kleinschmidt, 21 Builders Exchange, Buffalo, N. Y.

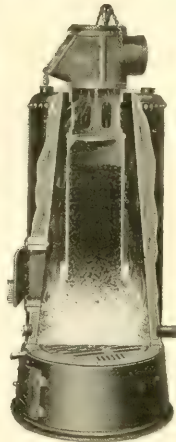
Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Gummed gold, silver and purple letters. J. Liechtenberger, 1564 Ave. A, New York.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.



## WILKS' Hot Water Boilers

ARE BEST FOR

Heating Greenhouses

No Night Fireman Required With Our

## Self-feeding Boilers

Will keep an even and continuous fire for ten hours and longer without any attention.

Very Economical in Fuel.  
Hard or Soft Coal.

Send for our New Catalogue and Prices.

**S. WILKS MFG. CO.,**  
3503 Shields Ave. CHICAGO.

## The Kleinschmidt SOIL GRINDER

Here is a machine for all Greenhousemen that

**WILL GRIND AND MIX TO ANY DESIRED FINENESS  
More Soil Than Any Other.**

It is substantially and heavily made, all working parts being of crucible cast steel or steel forgings.

B. S. Myers, foreman for W. J. Palmer & Son, Lancaster, N. Y., states that the No. 4 Mill now in use will grind 50 to 55 yards of soil a day, and had he conveyors to take the soil away, would double the amount.

FOR PARTICULARS AND PRICES ADDRESS

**F. KLEINSCHMIDT & CO.,** Builders' Exchange <sup>21</sup> BUFFALO, N. Y.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Bolgiano & Son, Baltimore, Md.

Mastic for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

#### POTS, PANS, ETC.

The Red Pot. C. C. Pollworth Co. All roads connect with Milwaukee.

Pots, J. A. Bauer Pottery Co., 415-21 Ave. 83, Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

#### RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

#### STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, 85c; 800 for \$3; \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., New York.

## The Best Color Chart

For Florists, Seedsmen and Nurserymen.

ERFURT, GERMANY, May 9, 1911.  
AMERICAN FLORIST CO.,  
Chicago, U. S. A.

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Mathews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly, ERNST BENARY.  
Published and For Sale by the  
American Florist Co., 440 S. Dearborn St. CHICAGO.  
PRICE ONE DOLLAR, POSTPAID.

# The Truth About Boilers

It Being the First of Four Frank Talks.

**B**UYING a boiler for that house of yours is a pretty serious matter.

When you want heat you want it—that's one side. But you want it with the least care and least coal expenditure—that's the other side.

Every boiler man claims his is "the wonder of the age"—"the modern coal saver." Who and what can you believe, that's the question. Don't believe—settle it for yourself—settle it by common sense deduction.

Let's take the kitchen range and the tea kettle for a talking comparison.

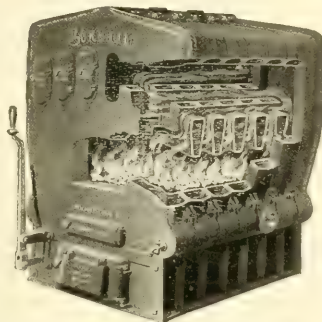
First, there's the fire itself, if it is shallow, it needs constant attention or it dies down; so it is only common sense that a boiler must have a **deep fire pot** if you want the fire to keep humming long intervals without attention. The Burnham's made that way.

Then there are the so-called "indirect surfaces;" which in a tea kettle is the part coming in contact with the flame—you know that the broader the bottom and shallower the water in a kettle, the more quickly it heats up. Exactly the same principle, in modified form, applies to an economical boiler.

With the Burnham boiler there is at least three



And so this is the tea kettle.



And this The Burnham as it is from the outside, looking in.

times the fire surface in proportion to the amount of water there is in a tea kettle. On looking carefully at the interior view of the boiler you will see this result is accomplished by deep corrugations, or waterways, which the fire surrounds on three sides. These waterways carrying a thin, narrow body of water, it heats quickly just as the small amount of water in the kettle.

If it were possible to put some hollow pipes through the kettle leading from the fire to the chimney of the range the water would heat still more quickly from the same amount of coal burned, because a still greater amount of heat would be coming in contact with the water—these tubes would be called **indirect surfaces**. In the Burnham, the heated gases do not at once reach the chimney; but first must pass back and fourth through water lined flue openings, extending three times the length of the boiler, giving to it tremendous indirect surfaces.

These flue openings are called "The Burnham's Fire travel," and the longer the fire travel, the shorter your coal bill.

In a couple of weeks, another frank talk. In the meantime why not be frank with yourself and send for our catalogue, and be mulling things over in your mind? Burnhams are made for Hot Water or Steam.

**Lord and Burnham Co.**

Factories: Irvington, N. Y. and Des Plaines, Ill. New York Boston Philadelphia Chicago  
St. James Building. Tremont Building. Franklin Bank Bldg. Rookery Bldg.

## Clean Glass.

President Bunck, of the Anderson Specialty Co., Chicago, calls attention to a paper on "Factors Determinating Color in Roses," by Prof. M. A. Blake, which appeared in our issue of May 13, 1911, page 821, also note on "Light a Factor in the Color of Roses," which appeared in the same issue, page 828. Light is the one great factor to be considered and Mr. Bunck advises that his company has solved the problem and guarantees that with the aid of Anderson's Daylite Cleaner every greenhouseman can keep his glass clean with very little trouble. This powerful cleaner is self-acting, commencing its work as soon as applied to the glass. After a few moments the glass can be rinsed off with cold water, leaving the cleansed area free from dirt or grease and that, it is claimed, without injury to the paint or putty, a very important feature.

WHEELING, W. VA.—Davidson Bros. are erecting a greenhouse 28x150 feet which will be used exclusively for the culture of carnations.

**R. C. Whitsett Coal and Mining Co.** Long Distance Phone 8032  
537 South Dearborn St., CHICAGO.  
We Mine and Ship the Following High Grade Coal:

SUNSHINE INDIANA BRAZIL BLOCK COAL FOR WEST VA. SPLINT  
POCAHONTAS YOUGHIOGREENY SOUTHERN ILLINOIS

Write us for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.

**IMMEDIATE OR SUMMER DELIVERIES.**

## Greenhouse Building.

Davenport, Ia.—J. W. Davis, four greenhouses, one 24x260 feet and three 43x600 feet.

Anaconda, Mont.—R. M. Greig, several greenhouses.

Summit, N. J.—Valentine Hamman, two greenhouses.

Omaha, Neb.—Hess & Swoboda, six greenhouses 22x150 feet, one house 15x200 feet.

Hastings, Neb.—C. W. Winkler, one greenhouse.

Irondequoit, N. Y.—Edward Buckman, one greenhouse.

Detroit, Mich.—Gus H. Taepke, one greenhouse 33x200 feet.

New Castle, Ind.—Peter Welland, ten greenhouses 28x300 feet.

Des Plaines, Ill.—W. S. Garland, one greenhouse 27x250 feet.

# Wanted---1000 Florists

TO USE OUR

## Pocahontas Coal

We have made a specialty of catering to the florists' trade.

We have pleased others.

We can please you.

Write us before ordering. We can give you what you want if you will ask for it.

**Northern States Coal & Mining Co.**

408 Fisher Bldg., 343 S. Dearborn St., Chicago.  
Phone Harrison 6753.

Mention the American Florist when writing



ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

## "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural traders; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

Mention the American Florist when writing

## THE CHRYSANTHEMUM MANUAL.

By ELMER D. SMITH.

NEW AND REVISED EDITION.

Price 40 Cents. Cash with order.

AMERICAN FLORIST CO

440 S. Dearborn St., CHICAGO.


## 50% SAVED Pipes, Flues

and castings thoroughly overhauled and guaranteed. Greenhouse fittings of every description.

ILLINOIS PIPE & MFG. CO.,

2113 S. Jefferson St., CHICAGO.


Mention the American Florist when writing



**SIEBERT'S ZINC**  
Never Rust  
GLAZING POINTS  
Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes 3/4 and 1/2. 40c per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburgh.

Mention the American Florist when writing



**Holds Glass Firmly**  
See the Point & FEELLESS  
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.  
**HENRY A. DEER**  
714 Chestnut St., Phila., Pa.



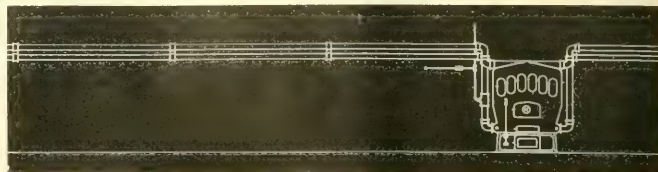
**Siebert's Zinc Glazing Points.**  
Good for small or large glass, do not rust, easy to drive 3/4 and 1/2 inch. Per lb. 40c. 5 lbs. \$1.85. 20 lbs. \$7.00  
**VAUGHAN'S SEED STORE**  
Chicago New York

## The Regan Printing House

LARGE RUNS OF  
**CATALOGUES**

WRITE FOR FIGURES.

527 Plymouth Place, CHICAGO



## Your Heating

The dollars and cents side of the question shows up the very first season when it comes to heating

No use trying to jolly yourself when you are up against a coal bill.

It talks out loud.

That's why we have a separate heating department—a department under the direction of an expert heating engineer. This is the engineer who is called our Trouble Man, because he keeps people out of trouble and gets those out, that are in.

These men of the heating department are not theory men.

No, not that kind! Every one of them has had a turn at actual heating installation work.

They have cut pipes, caulked joints. They know from experience.

They can successfully tackle any kind of a greenhouse heating problem, old or new.

They are not tied fast to any one system or method.

They are after results—economical results for you. And they get them.

Write us.

Write to our General Office and Factory

Elizabeth, New Jersey.

## Hitchings & Company

or call at our New York Office, 1170 Broadway.

## Everything for the Greenhouse

**Woodwork, Glass, Pipe, Boilers, Fittings, Hose, Ventilating Machinery**

PRICES ALWAYS RIGHT.

**JOHN C. MONINGER GO.,** —902— Blackhawk St., Chicago

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## CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames, Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

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## Mr. Finley Barrell

of Lake Forest, Ill.,

**Builds One of  
Our Houses.**

He paid 1000 miles freight charges for every pound of it shipped all the way from our Eastern factory. Why? Simply because he believed Lord & Burnham built the house he wanted. But our western friends need no longer pay freight from the east, as our Western Factory at Des Plaines, 12 miles from Chicago, is now humming a merry tune. The first job turned into the new factory was for 1,800 feet of Iron Frame Houses.

The question is: Do you want a really good house?

All right then, give us the chance to prove to you the genuine goodness of our "Iron Frames."

Send for catalog.



**Lord and Burnham Co.**

Factories:  
Irvington, N. Y. and  
Des Plaines, Ill.

New York  
St. James Building.

Boston  
Tremont Building.

Philadelphia  
Franklin Bank B'dg.

Chicago  
Rookery Bldg.

**Tobacco Paper**

IS THE  
**STRONGEST  
BEST PACKED  
EASIEST APPLIED**

|                  |         |
|------------------|---------|
| 94 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 8.50    |
| 288 sheets.....  | 8.50    |
| 1798 sheets..... | 35.10   |

# "Nico-Fume" LIQUID

OVER 40% NICOTINE

By far the  
**CHEAPEST**

JUST NOTE PRICES

**Furnishes the  
Most Nicotine for the Money!**

|                 |         |
|-----------------|---------|
| Pint.....       | \$ 1.50 |
| 1/2 Gallon..... | 5.50    |
| Gallon.....     | 10.50   |
| 5 Gallons.....  | 47.25   |

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

**MASTICA**  
FOR Greenhouse Glazing  
**USE IT NOW.**  
F.O. PIERCE CO.  
12 W. BROADWAY  
NEW YORK

MASTICA is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass, as occurs with putty. Lasts longer than putty. Easy to apply. Mention the American Florist when writing.

Lock the door before the horse is stolen,  
and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

**JOHN G. ESLER, Secretary**

SADDLE RIVER, N. J.

**GORHAM & CHAPLINE  
PRINTERY** Close Prices on all  
Kinds of Printing

Pontiac Bldg, Harrison & Dearborn Sts., Chicago  
1000 Letter Heads.....  
1000 Envelopes..... } **\$3.50**

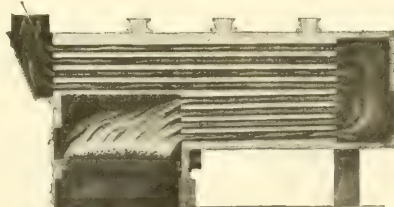
IF YOU SAW IT IN THE

**THE FLORIST**

SAY SO IN YOUR NEXT ORDER.

# "SUPERIOR"

To All Others for Greenhouse Heating



Made in 9 Sizes

**Superior Machine & Boiler Works**  
840-850 W. Superior St.,  
CHICAGO, ILL.

## To Tell All the Good Points of Our Construction

in this advertisement  
are planning any  
tions, it will pay

is impossible. If you  
rebuilding or addi-  
you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES



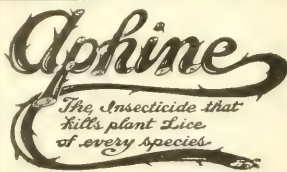
**GEO. M. GARLAND CO.**

Lock Box S, Des Plaines, Ill.

MANUFACTURERS OF  
The Gutter with a Reputation

CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES





## FUNGINE

Metairie Ridge Nursery Co.  
Harry Papworth, Pres.

New Orleans, La., June 13, 1911.  
"Replying to your favor in regard to Fungine, we are pleased to say that we have found it a fine fungicide, especially on our chrysanthemum cuttings, and all cuttings generally. Also fine for mildew on roses. It is the best fungicide we have ever tried."

Metairie Ridge Nursery Co.

Madison, N. J., June 21, 1911.

"I have sprayed our Crimson Rambler with Fungine, and it proved a great success. Not alone destroying the mildew, but also taking the curl out of the leaves caused by the mildew. There is no remedy that I know of that will restore the leaves to their natural shape, only Fungine, and Fungine alone."

Wm. Whelan, Gdr. to A. De Bary.

For Sale By Seedsmen.

Manufactured by

**Aphine Manufacturing Company**  
MADISON N. J.

Mention the American Florist when writing



## THE BEST Bug Killer and Bloom Saver

FOR PROOF  
Write to

**P. R. PALETHORPE  
COMPANY,**

Owensboro, Ky.

Mention the American Florist when writing

*green Flies and  
Black ones too*

are easy to kill with

**The Fumigating Kind Tobacco Powder**

\$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back;  
why try cheap substitutes that make no  
date to guarantee?

WED. H. A. STODOLSKY CO., MOUNT VERNON, N. Y.

Mention the American Florist when writing

## Peerless Sulphur Blower

"A great improvement over the bellows."

Price, \$4.00 F. O. B. Chicago.

**McMORRAN & CO.,**

162-166 N. Clinton St., CHICAGO

Mention the American Florist when writing

## The Mastin Junior Sprayer

MADE IN BRASS ONLY



The Mastin Junior Sprayer

We furnish this machine with an Atomizer Attachment if preferred to the Sprayer Attachment; or with both Attachments when so desired.

Designed for use by Florists, Plantsmen, Poultrymen and others who constantly need a good Sprayer; also especially adapted for Conservatory, Garden and Household purposes. Is well made, very durable and most dependable.

Sold through Seedsmen and Dealers in Florists' and Poultry Supplies.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and is brass.

The pump is of brass throughout, simple and powerful.

The mixing device keeps the contents of the tank well stirred up from start to finish.  
When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repair

Ask your Dealer about our Extension Hose, Extension Reels, The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

**J. G. MASTIN CO.**

3124 W. LAKE STREET, CHICAGO, ILL.

Mention the American Florist when writing

**Nikoteen** The most effective and economical material there is for spraying plants and blooms.  
**Nikoteen** Is skillfully extracted from leaf tobacco and carefully refined; it is clean and easy to apply.  
**Nikoteen** does the work when vaporized either in cans or pipes or over a flame. Full Pint Bottles, \$1.50.

## Nikoteen Aphis Punk

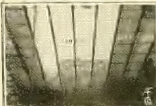
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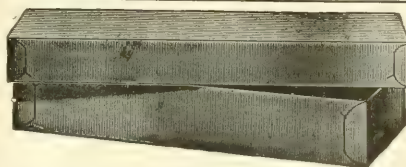
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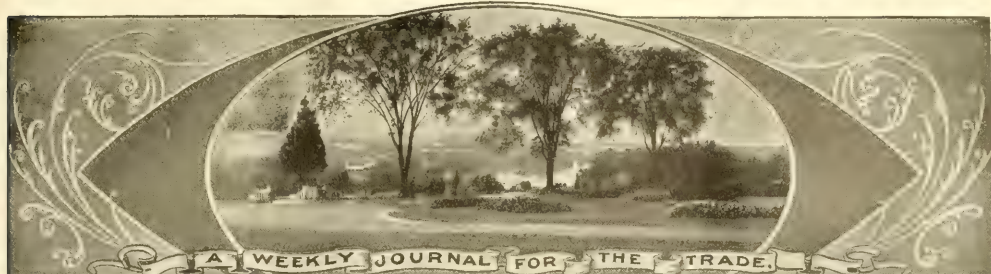


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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JULY 8, 1911.

No. 1205

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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under act of March 3, 1879.

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### THE AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at  
Detroit, Mich., January 24, 1912. J. A. VALENTINE,  
Denver, Colo., President; A. F. J. BAUR, Thirty-  
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Ind., Secretary.

## SUGGESTIONS FOR PLANT GROWERS.

### Cyclamens.

The plants of cyclamen should now be growing rapidly, especially those which were grown from seed sown last fall. These plants should now be in four or five-inch pots and the foliage growing full and strong. If the plants are plunged in a frame, they should be lifted out of the soil occasionally to see that the drainage is not stopped up. There is nothing that will ruin a young growing cyclamen any quicker than to have the drainage get closed and have the soil become sodden with water. Angle worms will often cause this and if they are detected should be removed. It is very easy to find whether they are in the pots. If the soil on the top of the pot is rolled into small lumps it is a sure sign that there are worms in the soil. If there are but a few the plants can be knocked out of the pots and the worms removed; if there are many a watering of lime water will soon rid the soil of the worms. The plants that are in small pots should be potted up as fast as they require it that they may be as large as possible for the holiday season, but do not go the other extreme and pot in too large pots. As soon as the roots get around the side of the pot shift them into the next size larger. If the plants are in the greenhouse a close watch for thrips must be kept during the summer. If the foliage is twisted when the leaf begins to unfold it is sure to be caused by insects and the plants should be sprayed with a nicotine solution. To have good plants for the holidays in full bloom they must be constantly watched and well grown.

### Lilium Harrisii.

The bulbs of *Lilium Harrisii* for early winter blooming will soon arrive and preparations should be made to handle them as soon as they are received. They should be potted as soon as they arrive and then placed in a cold frame. They can then be brought forward as they are wanted. The bulbs can be planted either in pots or boxes and later if it is desired set out in the benches to bloom. While it takes a little longer to plant them in pots they transplant much more suc-

cessfully than when disturbed in moving from the boxes. Place the bulbs for the early flowering in a four-inch pot and dig out a frame, place the pots side by side in the frame and give them a good watering, then sprinkle on the top a thin layer of sand or ashes and cover with three or four inches of soil, place shutters on the frame to keep them dark and cool until the bulbs have made roots. They can then be brought into the houses during the fall and early winter as they are wanted.

### Smilax.

The beds of smilax for the next season's cutting should be planted not later than July 15. The beds should be prepared at once and this soil should be composed of one-fourth rotted manure. Take all means possible to have soil that is free from cut worms. Watch carefully when the soil is turned and carried into the house. There is no crop which these worms more quickly ruin than smilax, and they are very difficult to find on the thick strings. They eat off the tender tip and that is the end of that string. The plants should be set four to five inches apart in the row and the rows a foot apart. Wires should then be stretched over each row and another set of wires five feet or more above those over the bench. Strings should be fastened from one wire to another directly over the plant. This should be done as soon as the bed is planted that the vines may have something upon which to run. In tying the strings one man will often tie twice as many as another simply because he has found a more efficient way. But the strings should all be taut and not some looser than others. The best and quickest way we have ever found is to cut the strings the proper length first, pass one end over the top wire and tie a slip-noose and pull it tight to the wire, then pass the other end around the lower wire, holding it taut by placing the little finger against it on the wire, pass the end of the string around the taut string and make a half-hitch around the wire, pulling tight against the string where it is held by the little finger.



The old smilax bed if it is to be grown another year will need to have the soil renewed. A good rich soil should be used and placed between the rows and leveled around the plants. This should be given a good watering and then watered sparingly until the plants begin to grow. The young stock also should not be watered too heavily until growth starts.

#### Compost Pile.

The extra help that is so often employed during the spring trade can be utilized for a few days before they are let go, in getting together a good compost pile, and there is no better time of the year than the present to do this. The sod can be taken off now after the mowing with no great amount of grass upon it, and if stacked at this time the warm summer days will soon rot the sod and make the pile fine and mellow. So many growers will spend their money for coal and labor and skimp on that most necessary thing for good product, the soil upon which the plant depends for its culture, and again put the matter off until the fall when the days are cold, the soil too often full of moisture, and the hauling poor, which makes the work more expensive and in the end not having as good an article for the succeeding year. It is not necessary to stack the manure with the pile at this time, but if ground bone is to be used it is better to sprinkle it into the pile now. Bone dissolves slowly and the earlier it is incorporated in the soil the better and it also helps the rotting of the sod. Take advantage of the slack time with both the men and teams and get the compost pile up at once.

#### Bouvardias.

The bouvardias will demand more or less attention during the warm weather when they are growing rapidly. Keep all the strong leaders pinched back so that they will branch out into more shoots. If planted in the field keep them well hoed that the moisture may be conserved and the weeds kept down. During the hot weather keep a sharp lookout for red spider and if they appear upon the plants spray them heavily night and morning. These minute insects quickly ruin bouvardias and if they once obtain a foothold are hard to get rid of and during the warm days of fall after the plants are moved into the houses will work havoc with the stock. It is easier to prevent their getting established than to overcome them later.

EVERGREEN, LA.—E. A. Beaven is now using a motor truck in his smilax and green business.

NYACK, N. Y.—R. C. Pye has leased the store in the Young Men's Christian Association building and will soon occupy it as a florist store.

RHINEBECK, N. Y.—The Rhinebeck Violet Association has recently purchased four acres of land on which they expect in the near future to erect several more violet houses. The plant now consists of six houses 20x200 feet.

BOSTON, MASS.—Penn, the Florist, has taken a lease for a long term of years of the entire store and basement of 37 Bromfield street. The property adjoins the store he now occupies and he will make extensive improvements and occupy it as an addition to his present large quarters.

#### The Late Paul de Longpre.

Paul de Longpre, the world famous painter of flowers, died at his home in Hollywood, Los Angeles, Calif., June 23, aged 56 years, from a complication of diseases from which he had suffered for the last two years.

He was born in Lyons, France, in 1855, and was one of ten children. He had few early advantages, and attended the public schools in Paris until he was 12 years old. He often said that even such schooling opportunities as he had were side-tracked in favor of a trip to the fields for the companionship of foliage and flowers for which he early displayed a great love and passion. At the age of twelve he had fifteen months of education to his credit and was obliged to seek employment. He had found



The Late Paul de Longpre.

numerous purchasers among his fellows for somewhat crude delineations of daisies, roses and buttercups and now finding a demand for more finished handiwork in the shape of fan decorations he submitted specimens with fear and trembling but soon his success was assured and from this beginning he became one of the most noted of floral painters.

At the age of eighteen he married and his work was attracting attention and in 1876 his first oil paintings were accepted at the Paris salon. Later he met with financial reverses by the failure of a bank in Paris and in 1890 came to America taking up his residence in New York. In 1896 he made his first exhibition, consisting only of flower paintings. Its success was immediate and annual exhibitions have been held ever since. His paintings were noted for their fidelity to nature, something that cannot be acquired by an artist without long years of the hardest kind of work and thorough knowledge of his subject, while at the same time the most engaging qualities of each flower were emphasized with true poetic feeling and the arrangements were harmonious and artistic. In recent years more than 25,000 art students in the United States alone, copied the studies of De Longpre and there has been published

enough copies of his pictures to put two in every home in this country.

His success was so great that in 1899 he removed to California, and in 1901 built a residence in Hollywood, Los Angeles, surrounding it with three acres of flower gardens. For ten years the place has been a noted point of interest to tourists. He maintained an exhibition in his villa which as well as his gardens he threw open to visitors with the utmost hospitality and his residence was a mecca for flower lovers.

Mr. De Longpre made a close study of California flora during his residence in Hollywood, confining himself for the most part to the more colorful types and conventionalizing a number of California flowers. He was one of the originators of the annual Hollywood flower festival and cultivated a profusion of flowers on his grounds. Beside being recognized as without a peer in his particular field of painting, during the past ten years of his life he contributed to both music and the drama and began in 1907, a country wide campaign for a national art gallery.

#### Sweet Peas at Cornell University.

In cooperation with the National Sweet Pea Society of America, the Department of Horticulture of the New York State College of Agriculture at Cornell University, has conducted field-plot and forcing-house tests of the culture of sweet peas, essentially with the object of the elimination of synonyms and the testing of new varieties. The care of the test grounds was intrusted to A. C. Beal, and the results of the first year's work have been issued in bulletin form. The extent of the work may be judged when it is considered that 469 individual varieties were grown, 20 feet to each variety, there being a total length of row of more than one and one-half miles.

#### FALL AND SPRING PLANTING.

In order to compare the results of fall plantings of the same variety with those planted in the spring, three varieties, Mont Blanc, King Edward VII and Countess Spencer, were selected. The first planting was made October 20 and successive plantings 10 days apart were continued until five had been made, and the same varieties were sown successively from March 12 until the end of May. The first two sowings in the fall appeared above the ground before winter. The last two sowings were made after the surface of the ground was frozen and gave a small percentage of germination. These fall plantings were all mulched during the winter and the mulch removed in the spring when fine weather arrived. The percentage of plants that came through the winter varied greatly, from four to 80 per cent, with the different varieties and different plantings. Mont Blanc and King Edward VII gave the best results from the planting November 10 and Countess Spencer the best from the earlier plantings. The spring plantings were greatly influenced by the dry hot weather which hurried many so that they bloomed together. The fall plantings bloomed two weeks before the regular spring plantings and the quality of the flowers was much superior. The results of the spring planting indicated it is not worth the trouble to sow the seed after May 10, and it was apparent that the



"COREOPSIS AND COSMOS."

Reproduced from Study by the Late Paul de Longpre.

white seeded varieties should not be planted until the ground is warm; but the results are undoubtedly greatly influenced by the character of autumn and spring and the experiment is being repeated the current year.

#### WINTER FLOWERING SWEET PEAS.

The distinctive characteristics and the history of winter-flowering sweet peas are fully covered in the article

under this head. The varieties are divided into three groups, the Christmas flowering, which originated in the United States, where the culture of sweet peas in winter has reached the highest perfection and which has been greatly developed by A. C. Zvolanek of Bound Brook, N. J.; the Telemly group which was originated by the Rev. Edwyn Arkwright in Algeria, Af-

rica; and the Engelmann group (*Lythyrus odoratus præcox*) which first appeared with C. Engelmann of Saffron Walden, England. The first two groups were sports or descendants of Blanch Ferry, and the latter an early blooming sport of Captain of the Blues.

All obtainable varieties of winter-flowering sweet peas have been tested with regard to their earliness and dis-



inctiveness. The varieties are divided into extra early flowering and winter flowering. The first includes Earliest of All, Reselected Earliest of All, Earliest White, Snowbird, Watchung, and possibly Blanch Ferry. These varieties flower together at least three weeks earlier than the other group, but except for early blooms are not the equal in size of flower or length of stem to the other kinds. A description of the many varieties is given and synonymous and similar varieties named. The *Præcox* group are distinct with one exception (*Præcox Blue*) and are inclined to be rather late as a class but are vigorous growers and produce large flowers on long, stout stems. The *Telemly* varieties are of open form showing readily their relation to *Blanch Ferry*. The following summary of leading varieties is given, classified by color:

White—*Watchung* or *Snowbird*, *Florance Denzer*, *Præcox White*.

Primrose—*Earliest Sunbeams* and *Canary*.

Pink—*Mrs. F. J. Dolansky*, *Telemly Pink* or *Zvolanek's Pink*.

Cream Pink—*Mrs. W. W. Smalley*, *Mrs. Wm. Sim*.

Crimson—*Meteor*, *Red Seedling*, *Carmine*—*Flamingo*, *Pink Beauty*, *Præcox Carmine*.

Red Bicolor—*Christmas Pink*, *Telemly Pale Pink*.

Lavender—*Telemly Lavender*, *Mrs. C. H. Totty*, *Præcox Mauve*.

Mauve—*Telemly Mauve*, *Wallacea*, *Præcox Deep Mauve*, *Greenbrook*, *Mrs. Josie Reilly*.

Maroon—*Telemly Maroon*, *Præcox Maroon*.

Violet and Purple—*Wm. J. Stewart*, *Telemly Blue and Red*.

Blue—*Blue Bird*, *Le Marquis*, *Red Stripes*—*Miss Helen M. Gould*.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

### Florists' Tags.

With the dual end in view of improving the looks of the box of blossoms and of having a record of delivery, many florists have adopted the couponed florist tag similar to that shown in the illustration. The method of use is almost self-explanatory. When making out the tag the salesman or shipping clerk also fills out the coupon, leaving blank the line "Received by .....". The delivery boy asks the person receiving the package to sign the coupon. As a further check a line may be added "Time delivered ....." so that the proprietor from the return stubs is able to follow his wagon over its entire route. When the delivery boy returns, the stubs, properly filled out, are filed alphabetically in a folder. Any complaints arising from an alleged tardy delivery or from the fact that the flowers have not been received are quickly and accurately traced by means of the coupon.

A florist in an inland metropolis who uses the system is enthusiastic in his praise of its operation. He keeps the stubs, arranged alphabetically under the names of the persons to whom the flowers were delivered, in a file near his telephone. If *Mrs. Robinson*, for example, calls up and asks where the *Killarney* roses are that she ordered to be delivered at six o'clock, the florist, by referring to his stubs, is able to assure her that the roses were left at her home at 5:30 o'clock and signed for by *M. Jones*, the maid. The coupon system, in this particular instance, did away with a vast amount of verbal

trade mark or crest. In others it takes the form of an adopted color in the stock or ink used. Inasmuch as the tag is the first part of the put-up examined, it behooves the florist to make that detail of his package smart and attractive. The advertising value of a distinctive tag is universally recognized. A poorly printed cheap tag on a box of flowers immediately suggests that the contents of the box are in keeping, i. e. cheap and unattractive. Conversely, a neatly printed tag made of special white stock that can not be stained by water, and carrying on its face a well known name or crest, is an instant guarantee that the flowers in the box are fresh and carefully chosen. Tags used in the illustrations were supplied by the *Dennison Mfg. Co.*

### The Crepe Spray.

Flowers for the door pull to take the place, or to be used in connection with the regulation crape at funerals, are becoming more popular, in fact are now considered almost as necessary as the ribbon of the undertaker. Some of the arrangements are quite pretentious and elaborate, while others are very simple. A dozen roses in a cluster at the top, together with a couple of strings of *smilax* tied to the ordinary door crepe, are enough to relieve it of its somberness. Of course almost any flower in season can be used in place of the roses and the color varied with the age of the person, using pink or white and pink for youth, to pure white and lavender for middle age and lavender and dark purple for the very old.

Oval crescent wreaths of *magnolia* or *galax* with flowers or of all flowers are often used and are quite as effective as the sprays. These are sometimes made like a narrow crescent and hung with the points down and a bow and long streamers of ribbon. Many sprays have their streamers, either of *asparagus* or *smilax*, covered with flowers, and in this case they often take the place of the regulation ribbon. Quite elaborate arrangements in sprays of this style are often made in which only the choicest flowers, such as *valley*, *double violets* and *orchids* are used. These can be made very beautiful and are sure to attract attention. Crepe sprays are generally renewed each day, as they are as a rule pretty badly wilted after an exposure of twenty-four hours. In attaching them to the door jam it is best to use an independent screw eye, which is a guarantee that it is securely fastened. For an elderly person a pair of palm leaves with a cluster of lilies or purple flowers at the stem end and some running down the leaves makes an appropriate door draping. K.

### By the Roadside.

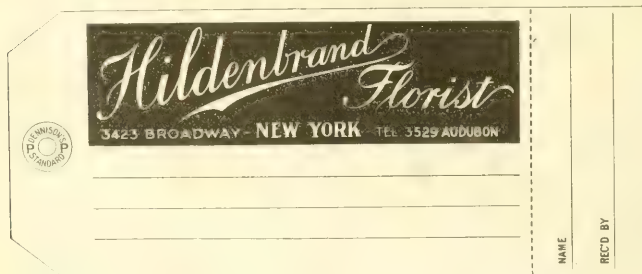
The *Little Boy* sat by the roadside idly poking the warm dust with his bare toes. When the *Big Man* came along the *Little Boy* looked up and said:

"Mister, is this your park?"

"What'll you gimme for it?" quizzed the *Big Man*.

"Fourteen hunderd thousan' milyun dollars," replied the *Little Boy*.

"All right," smiled the *Big Man*, "just take it right along with you."—*Youngstown Telegram*.



ONE OF DENNISON'S FLORISTS' TAGS.

LOS ANGELES, CALIF.—*Wolfskill Bros.* will discontinue business at the end of this month.

MT. STERLING, KY.—The weather here is very dry. The aster crop is backward, but other stock looks well.

NORFOLK, VA.—*William J. Newton* recently purchased fifteen lots and proposes to erect one of the largest and most modern greenhouses in this section on Twenty-fourth street near Colonial avenue.

ROCHESTER, N. Y.—The *Fairview Nurseries* of *Rochester* have been incorporated to carry on a nursery and flower business. The capital stock is \$20,000 and the incorporators are *Edward B. Oliver* and *Charles G. Schoener* of *Rochester* and *George W. Oliver* of *Irondequoit*, N. Y.

Inquiry in the florist shop. In another suppositious case, *Mr. Browne* telephones and asks whether the *violets* he ordered in the morning have been sent. He is asked the name of the person to whom the flowers were to go and on obtaining this, the florist, by referring to his coupons, is able to tell *Mr. Browne* where and to whom the box was delivered. *Young Mr. Browne* is therefore enabled to call at the home of his fiancée with certain knowledge that he will be received by a charming young lady with a bunch of *violets* in her corsage.

So far as the tag itself is concerned, the vast majority of florists realize the value of some distinctive mark. In many cases it is a reproduction of the



JACQUEMINOT ROSES AND CLEMATIS.

Reproduced from Study by the Late Paul de Longpre.



## Harry A. Bunyard.

Harry A. Bunyard, appointed on the executive board of the Society of American Florists, is well known to the florists of America as a traveling man and manager for Arthur T. Boddington of New York. He was born January 3, 1868, at Ashford, Kent, England, his father, Thomas Bunyard, being one of the sons of the old established house of Thomas Bunyard & Sons. After serving his apprenticeship in his native land and acquiring some repute he emigrated to America, finding employment with Peter Henderson & Co. A year later he entered the employ of Pitcher & Manda, remaining with them until the dissolution of the firm. He then went with Clucas & Boddington and later with Arthur T. Boddington, with whom he has been for six years. He is a well known figure at the S. A. F. conventions, being a life member of the society and is vice-president of the New York Florists' club and secretary of the National Sweet Pea society of which he was one of the organizers.

## Do Roses Run Out?

ED. AMERICAN FLORIST:

I have been told that rose stock runs out and if a person wanted to have good plants he must secure new plants for stock from which to make cuttings every few years. I have always been under the impression that if nice, thrifty plants were selected each year from own stock, from which to make cuttings, they would never run out, if anything, could be improved. Kindly advise through the columns of your paper.

A READER.

Your correspondent asks if this is necessary or advisable. In answer I would say that it is undoubtedly an advantage to do so occasionally; in fact, from my own experience I think it would be an advantage to change the stock every four or five years.

It must be borne in mind that forcing roses for winter flowering is a decided change from the natural law of nature governing plants of this class which in their natural conditions get a long season of rest during winter, while under the forcing treatment given them they have no real rest at all. Under such circumstances it is only reasonable that their constitutions must become impaired in time and as a result the quality and quantity of flowers they produce are reduced in proportion. Grafting good strong wood on manetti stock has been advocated as a help in this direction, careful selection of wood for propagation has also helped in a measure to keep up the standard of vigor. But the main fact remains the same and the law of nature is as much in force in this matter as it is with the farmer who finds it to his advantage to change the seed of wheat, oats, potatoes and other crops he grows for profit.

Soil and its component parts also is a factor not to be overlooked in this matter and is one that needs careful study and when we can get this down to a chemical analysis we shall be in a much better condition to cope with many of the problems we have to fight today, not only in forcing roses but also many other plants we have to force into flowering at unnatural seasons.

JOHN N. MAY.

## NATIONAL SWEET PEA SOCIETY

Annual Meeting and Exhibition, Philadelphia, June 29-30, 1911

## Business Meeting.

The third annual meeting of the National Sweet Pea Society of America was held in Horticultural hall, Philadelphia, Pa., Thursday, June 29, 1911, with a goodly number of the members present. After the call to order by Secretary Rust of the Horticultural Society, Robert Craig welcomed the society, assuring them of the pleasure it gave all lovers of flowers in this community to have them at this time and hoping that it would not be long before they would again honor us with their presence. Harry Turner of the executive committee responded for the society and told how glad they were to come to Philadelphia which was a recognized floral center and always

as it seemed so hard to get the members together.

## The Exhibition.

The exhibition which was held under the auspices of the Pennsylvania Horticultural Society was ready for the public at 3 p. m. on Thursday, June 29, according to schedule. There was no charge for admission. It was the first exhibition ever given in this city of the kind and as such it was surely a great success. The feature of the exhibition was the superb display staged by W. Atlee Burpee & Co., which was an exhibition of itself. This collection occupied the entire north side of the hall and was very complete, over two hundred varieties all correctly labeled were arranged in vases containing from fifty to a hundred blooms of a variety. At intervals of about ten feet apart tall stands or uprights about three feet high were clustered with vases all the way up, each stand containing a separate variety; these relieved the plainness and added much to the beauty of the arrangement. All the varieties of prominence as well as many new ones were to be found here and the obliging attendants were kept busy answering the questions and pointing out the differences in the various strains.

The show was a success in the number of flowers exhibited coming as it did almost unheralded, as quite a number of private gardeners said that had they known of the show last fall they would have made preparations and grown flowers that would have insured an even greater display. As it was there was a very good representation of the most prominent and newer varieties with the elaborate entry of W. Atlee Burpee & Co. as a leader, well supported by the exhibits of Miss M. T. Cockcroft of Longneck, Conn., J. B. Trevor, Yonkers, N. Y., H. L. Pratt, Long Island and S. M. Goldsmith, and among the local exhibitors Mrs. R. B. Ellison, Henry Goldman, W. W. Fraser, Sr., James McCrea, Thos. McKean, C. W. Newbold, Miss Mona Robinson, John W. Pepper and G. W. Young.

There were many beautiful flowers shown prominently amongst which and those that were general favorites were Queen Victoria, Mrs. Sankey, Florence Morse, Captain of the Blues, White Spencer, Flora Morton, Pictotee, Prince Edward of York, Mrs. Routzahn, Dorothy Tennant, Miriam Beaver, Othello, Helen Lewis and many others. Helen Lewis was a great favorite, its large orange colored flowers making it very conspicuous.

In the Burpee entry a seedling, Vermillion Brilliant is surely a winner. Starting at this exhibition with winning the North American silver cup offered by the paper of that name for the best seedling. In color it is a brilliant dark red, full of fire. It attracted the attention of all the visitors. Small flowers such as sweet peas appear much better with the advantage of a background. The Burpee collections were nicely staged, having a background of long wavy grasses. Wm. Robertson, gardener for John W. Pepper, arranged his tables with asparagus, sprengeri and ferns which



Henry A. Bunyard.

Secretary National Sweet Pea Society.

ready with a welcome for anything that had a tendency to foster a love for flowers. The time and place of the next meeting and exhibition of the society was left to the discretion of the executive committee. It was thought that meetings and competitions for prizes should be held in connection with horticultural bodies in the various cities at the times when the flowers were at their best.

After the report by Secretary H. A. Bunyard, a paper prepared by A. C. Beal of Cornell University and another by Edwin Lonsdale were read.

The election of officers resulted as follows:

Wm. Sim, Cliftondale, president.

Mrs. Seth Low, New York, vice-president.

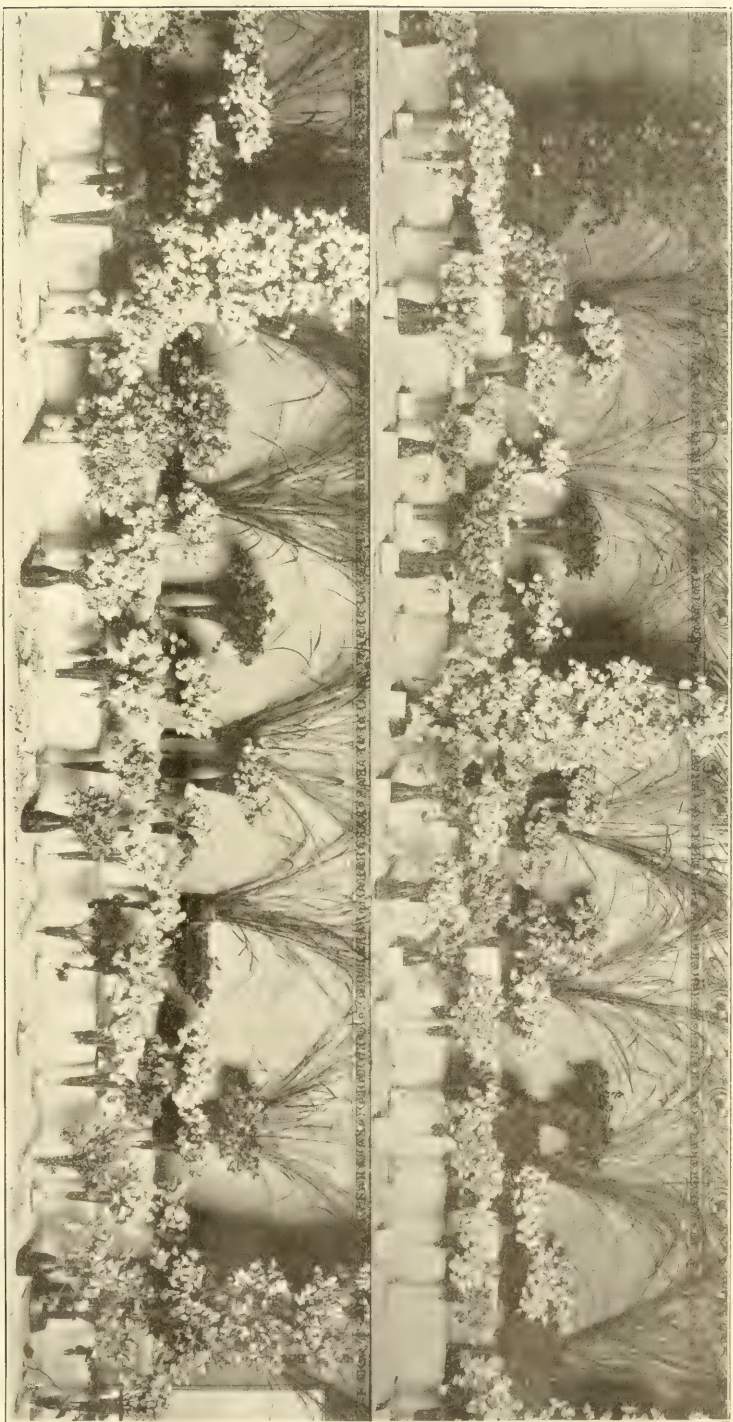
Arthur T. Boddington, treasurer.

John H. Pepper, recording secretary.

J. K. M. L. Farquhar, chairman, A. C. Zvolanek, Harry Turner, executive committee.

Prof. John Craig, chairman, A. C. Beale, G. W. Kerr, Wm. H. Duckham, nomenclature and trials committee.

The evening meeting was not held



ABOUT HALF OF W. ATLEE BURPEE & CO.'S EXHIBIT AT THE PHILADELPHIA SWEET PEA SHOW.



greatly added to the appearance and won him the \$25 silver cup. J. B. Trevor of Yonkers, N. Y., staged a fine lot of long stemmed flowers. The out-of-town exhibitors were able to do a little better than the local growers as they came from a cooler clime and their flowers with few exceptions showed more substance and rather better stems. The entries for the best vase mixed, were surely a harlequin of color, but hopelessly massed. Some one should invent a vase that would show these lovely flowers off to advantage. The Burpee upright vase holder being a bamboo standard about three feet in height set in a foot or block and containing a number of zinc cornucopia holders attached to the sides from bottom to top showed the flowers off to great advantage as each bunch of twenty-five or more stood out individually and gave the flowers a light airy appearance adding much to the decorative effect. The society allowed, in addition to the flowers themselves, which were to be free of the branches or vines, use of foliage of the sweet pea or other green. Twenty-five sprays in one variety in a collection was declared the ideal number and overcrowding so as to interfere with the proper showing of individual flowers was declared to be a fault. The awards were as follows:

Finest collection of sweet peas—Miss M. T. Cockroft, (Adam Paterson, gardener), first; Herbert L. Pratt, (Henry Gaut, gardener), second.

Best vase of one variety of Spencer type introduced in 1911—John W. Pepper (Wm. Robertson, gardener), first.

Best vase of Grandiflora type—S. M. Goldsmith (Wm. R. Seymour, gardener), first; Herbert L. Pratt, second.

Best vase of Spencer variety mixed—Miss M. T. Cockroft, first.

Best vase of Magnificent mixed—Mrs. Geo. H. McFadden, first.

Collection of sweet peas, 25 varieties not less than 25 stems—John W. Pepper, first.

Best vase Ruby Spencer—Herbert L. Pratt, first.

Best vase of Mrs. Routzahn Spencer—Miss M. T. Cockroft, first.

Best vase of white Spencer—Mrs. R. B. Ellison, (Axel Lindroth, gardener), first.

Best vase of vari-colored—Herbert L. Pratt, first; G. W. Young (James Kennedy, gardener), second.

Best vase of 50 pink or rose—Thomas McKean, (Robt. Abernethy, gardener), first; Miss M. T. Cockroft, second.

Best vase of a new variety—Silver cup, won by W. Atlee Burpee & Co.

Best vase white—Miss M. T. Cockroft, first; Mrs. J. B. Trevor, (Howard Nichols, gardener), second; S. M. Goldsmith, (Wm. R. Seymour, gardener), third.

Best vase pink—Herbert L. Pratt, first; Mrs. R. B. Ellison second; Henry Goldman, third.

Best vase deep rose—Herbert L. Pratt, first; Miss M. T. Cockroft, second; S. M. Goldsmith, third.

Best vase lavender—Mrs. R. B. Ellison, first; Miss M. T. Cockroft, second; Herbert L. Pratt, third.

Best vase salmon or orange—Herbert L. Pratt, first; C. B. Newbold, second; G. W. Young, third.

Best vase crimson or scarlet—Henry Goldman, first; Mrs. J. B. Trevor, second; S. M. Goldsmith, third.

Best vase primrose—S. M. Goldsmith, first; Thomas McKean, second; G. W. Young, third.

Best vase picotee edged—Miss M. T. Cockroft, first; Herbert L. Pratt, second.

Best vase bicolor—C. W. Young, first.

Best vase striped or mottled—Henry Goldman, first; C. B. Newbold, second; Miss M. T. Cockroft, third.

Best vase any other color—Mrs. R. B. Ellison, first; Henry Goldman, second; Miss M. T. Cockroft, third.



The North America Cup.

Awarded to W. Atlee Burpee & Co. at the Philadelphia Sweet Pea Show.

Best vase white—Thomas McKean, first; Mrs. Geo. H. McFadden, second.

Best vase lavender or blue—Herbert L. Pratt, first.

Best vase striped or bicolor—Mrs. R. B. Ellison, first; Herbert L. Pratt, second.

Best vase any other color—C. B. Newbold, first.

Bride's Bouquet of sweet peas—Robert Kift, first.

Best three vases of Aurora Spencer, Countess Spencer, and King Edward Spencer—Herbert L. Pratt, first.

Best vase of mixed—Miss Mona Robinson, first; Mrs. R. B. Ellison, second.

Best table of sweet peas—John W. Pepper, first.

Best six vases Spencer or Unwin—S. M. Goldsmith, first.

Finest collection of sweet peas, Spencer, Unwin, and Grandiflora types. S. M. Goldsmith, first.

### Visit to Fordhook Farms.

On Friday afternoon the members accepted the kind invitation of W. Atlee Burpee and journeyed by special train to Fordhook Farms, near Doylestown to see the trial grounds, where they were shown over 900 trials of these beautiful flowers in full bloom. These beautiful grounds are ideally located and scientifically worked to discover "all that is best in seeds" as well as all that's best in flowers and vegetables, so that those who depend on Burpee's seeds soon get to know that they are always sure of getting the best. Every new thing that claims to have merit is given a trial here grown side by side with the standard of its kind, its qualities are tested and it is accepted or thrown aside as it is seen to be better or worse than the old sort. Flowers and vegetables are alike and many sorts claiming superiority fail to make good in the test. Tens of acres are given to these comparisons which are very expensive but worth all they cost. Many tests are made here of seeds of standard varieties of plants necessarily grown elsewhere, these are tried out to see if varieties are true to nature.

The visitors were taken over the ground by the genial superintendent, Howard M. Earl and G. W. Kerr the manager of the trial grounds who gave the visitors valuable points on the work and showed by the books the great care with which these trials were made. Over 900 trials of sweet peas were seen, a space or row of probably 20 feet being given to each sort. The whole work of the farm could not be described in a short article but its extent could be seen in the drive which was taken showing acres given to the cultivation of petunias, phlox, poppies, salvias, antirrhinum and many other flower seeds. Acres were also seen filled with cabbage tests, 368 of them and there were several acres filled with Reid's yellow dent field corn. After refreshments at the "mansion" had been served, the silver cup offered by the North American for the best American Seedling and won by Mr. Burpee's Vermilion Brilliant was presented and accepted by Wm. Earl in behalf of Mr. Burpee, he said the growing of this variety had afforded them much pleasure and that as soon as they could get enough seed to offer it would be sent out. After the signing of the visitor's book the visitors returned to the city with many pleasant memories of Fordhook Farms.

President Burpee who had made arrangements to go abroad to attend the exhibition of the National Sweet Pea Society of England, could not be present at the meeting, but was ably represented by his lieutenants, superintendent and manager, Howard M. Earl and G. W. Kerr who has entire charge of the trial grounds at Fordhook Farms. Mr. Kerr has made a specialty of sweet peas in England, in fact grew up with them and is a veritable encyclopedia of information on this subject.

On Friday a. m. a number of enthusiasts and officers of the Society sent a wireless to President Burpee which read, "Greetings Show great success."

**President Burpee's Letter.**

The following letter from President Burpee was then read by the secretary:

Will you kindly express to our fellow members of the National Sweet Pea Society of America my sincere regrets that instead of being present to deliver "The President's Address," for which I am scheduled on June 29, I am compelled to offer "an apology and explanation." The "apology" will surely be accepted when you offer the explanation that it was only after our March meeting in Boston, when the date of the Philadelphia exhibition was fixed for June 23-24, that I engaged passage for myself, Mrs. Burpee and sons on the "Olympic" June 28, so that we could attend the exhibition of the National Sweet Pea Society of England, which we were compelled to miss last year. Kindly explain also how deeply I regretted the necessity for deciding with you and other fellow members, after conference two weeks ago with members of the Pennsylvania Horticultural Society, that, owing to the lateness of the season, it would be necessary to postpone our exhibition at least a week.

While "on the briny deep" I shall be with you all in spirit and shall look forward eagerly to receiving July 4, upon arrival at Southampton, a cablegram telling of the success of this third annual exhibition. I feel quite sure that under your able management,—and you are well entitled to be called "The father of the National Sweet Pea Society"—assisted by our vice-president and other officers, together with such willing helpers as Messrs. Craig, Pennock, Rust, Watson, Michell, Earl and Kerr, the exhibition will be a decided success. Such work as you and your co-laborers have done so effectively at the two previous exhibitions of our infant society is of lasting value in bringing to the notice of the trade and of growers generally the importance of the sweet pea as deservedly the most popular of all flowers grown from seed. But should I continue in this strain I might tire you with expressions of my love for the sweet pea, even more than if I could have been able to deliver in person "President Burpee's address" for which your schedule has me booked.

Only two words more in closing. At our meetings we have never discussed politics. Your present president, therefore, does not know the political opinions of his fellow members. Whatever their politics may be, however, I think that most of our members will agree that the ex-president of the United States acted wisely in urging as his successor President Taft, who certainly, despite all criticisms, will make good as an honest, intelligent executive.

Now would it be asking too much for me to suggest that upon reading this letter (if you think it worth reading), that some member put in nomination the name of William Sim of Cliftondale, Mass., and that another member should then move that the nominations for president be closed. Mr. Sim needs no introduction: as vice-president he has been most earnest and effective in his work for the advancement of the interests of our society and I feel sure that this suggestion of your retiring president will meet with the hearty approval of all.

Any members who may remain over Friday are cordially invited to visit



**BURPEE'S SWEET PEA VERMILION BRILLIANT.**

Awarded the North America Cup for the Best New Sweet Pea.

Fordhook upon the trains leaving Reading terminal at 1:02 and 2:02 Friday. Will you kindly announce that railway tickets and full information will be gladly furnished by Messrs. Earl or Kerr. With renewed assurance of my deep regret in not being with you all at Philadelphia and Fordhook.

**Secretary Bunyard's Report.**

When I helped to organize the National Sweet Pea Society three years ago, I stated at the first meeting that it would and must be a success. Up to this time it has not fulfilled my highest expectations but we have made substantial progress, have learned something, and have placed the society on a sound foundation. With the experience that is passed, we hope to still further the aims and objects of the society. Up to and including this exhibition, we have held four shows; two in New York, one in Boston in connection with the Second National

Flower Show of the Society of American Florists, and the Philadelphia exhibition. All of these have been an expense to the society, no charge for admission being made. The only source of income is from the active membership, life members and the guarantors, who have generously come to the front when needed. We have today 110 active members and 12 life members.

Personally, I know that good results have accrued from our exhibitions. Perhaps the most material results are from the Boston exhibition. The winter flowering sweet peas shown by Wm. Sim of Cliftondale, Mass., exciting more than general interest and admiration, so much that several florists in the vicinity of New York are building houses especially to grow sweet peas this winter. The great difficulty in holding exhibitions in this country is its vastness. What would be a good date in Philadelphia is too early for New York and a good date for New York is too early for New Eng-



land and that applies also to the west: so that the exhibition really resolves itself into a local show which is a good reason for changing the place of meeting from year to year. Of course, this year has been exceptional owing to weather conditions. It has been suggested by one of our exhibitors that the date should be set at this meeting and should be either the last week in June or the first week in July. This would give growers the opportunity to sow their sweet pea seed to conform with these dates. It is much easier for a grower to hold off for a week than to force his plants into bloom. I trust that the convention will seriously consider this matter. Our society has helped to popularize the Spencer varieties of sweet peas among growers, private and commercial and while some of the grandifloras are still popular, they are fast being displaced by the Spencer and Unwin types.

At Boston there were exhibited by Anton C. Zvolanek an entirely new race of sweet peas. Some equaling, while others exceeding, the beauty and type of the Spencers. Mr. Zvolanek deserves great credit for his work and I hope in the near future this society will be able to accord medals to hybridizers and raisers of new varieties. I understand that the W. Atlee Burpee & Co. at Fordhook are also working along these lines and have some very promising seedlings. Credit is also due to the gentlemen who have helped to finance our society not only from its inception but also at a time when guarantee funds were needed for prizes, etc. I wish at this time to thank the generous donors of prizes and President W. Atlee Burpee, for his time and moral support so generously given.

If I were asked to name the best Spencer, Unwin, grandiflora and winter flowering sweet peas today, I would give the following list apart from the varieties introduced this year:

Spencer varieties—Asta Ohn Spencer, pure lavender with tinted pinkish rose, self colored; Aurora Spencer, orange rose or salmon striped on white; Apple Blossom Spencer, standard bright crimson rose, wings white tinged with pink; Captain of Blues Spencer, bluish purple with distinct margin of lilac; Countess Spencer, the original Spencer, clear bright pink; Flora Morse Spencer, delicate bluish with pink margin; King Edward Spencer, pure bright red or crimson scarlet; Lovely Spencer, standard, light bluish pink with blotch of rose at the base; Othello Spencer, deep velvety maroon; Mrs. Walter Wright Spencer, rosy purple, self color; Primrose Spencer, pure light primrose yellow; White Spencer, pure white; Mrs. Routzahn Spencer, primrose and buff with margin and edge of light salmon.

Unwin varieties—Frank Dolby, lavender and mauve; Gladys Unwin, clear bright pink a little deeper at the edges, almost self color; Helen Lewis, standard, crimson orange, wings orange rose; E. J. Castle, bright rose crimson with veins of deeper rose; John Ingman, rose carmine with rose veins; George Herbert, rose carmine; Mrs. Alfred Watkins, bright pink at base shading to bluish and buff at edges; Nora Unwin, pure white.

Grandiflora varieties—Bolton's Pink, orange or salmon pink, veined with rose; Extra Early Blanche Ferry, standard bright crimson rose, wings white tinged with pink; Burpee's Earliest White, pure white; Dorothy Eckford, pure white; Helen Pierce, marbled blue

on ivory white; Hon. Mrs. E. Kenyon, clear light primrose; Lovely, deep pink, shading to very light pink at edges; Lady Grisel Hamilton, standard light mauve, wings lavender; Lord Nelson, standard indigo and violet, wings indigo; Miss Willmott, orange pink with veins of deeper orange rose; Mrs. George Higginson, Jr., clear azure-blue, the lightest and clearest blue in sweet peas; Prince Olaf, light blue, striped on white; Queen Alexandra, very bright red almost a true scarlet; Edward VII., pure bright red or crimson scarlet.

Winter flowering sweet peas—Snowbird, pure white; Christmas Pink, standard rose, wings white; Mrs. E. Wild, rose, crimson; Christmas White, pure white; Canary, primrose yellow; Mrs. Chas. H. Totty, sky blue; Flamingo, crimson scarlet; Christmas Captain, blue and purple; Florence Denzer, pure white; Greenbrook, white slightly touched with lavender; Mrs. Alene Wallace, lavender; Mrs. Wm. Sim, salmon pink; Mrs. W. W. Smalley, satiny pink; Wallacea, lavender; Watchung, pure white. While experts may differ with me on my selection, people will not go far wrong in planting the above varieties.

Cornell University, where under the care of Prof. Craig and A. C. Beal the trials of our society had been held, have just issued their Bulletin No. 301 entitled "Sweet Pea Studies." These have been mailed to all members through the courtesy of the university, under frank without cost to the society. Thanks are due for the energy and work of the above gentlemen. If any member has not received a copy, I would ask them to kindly notify me at once.

Referring to the above selection of sweet peas, I think we are somewhat blessed in this country by not having the interminable quantity of new varieties placed on the market the same as they have in England every year. Unless it has real merit over existing varieties, it has no place in the American seed catalog or in the garden, neither do we have the same confusion of synonymous varieties under different names. Our growers in California, where 80 per cent of the sweet pea seed of the world is grown, are exceptionally careful not only as to the new varieties they disseminate, but also as to raising their stocks, neither do they send out new varieties to their knowledge unless they are thoroughly set. One of the most distinct breaks of recent years are the varieties Sterling Stent and Earl Spencer. In reality these are Henry Eckford Spencers, and which I believe would be a better name. Many colors we have today cannot be bettered. Those the hybridizers are aiming for are a real buttercup yellow, the scarlet of the geranium and the blue of the Delphinium Belladonna. In the meantime, the hybridizers should concentrate their efforts upon improving the size and substance of the flower, number of flowers on a stem, length of the stem and strength and habit of the plant, an American breed of flowering sweet peas that will stand our hot summers, so, that not only in name but in fact, they will become the poor man's orchid and rivaling that flower.

BOSTON, MASS.—William Penn of the well known firm of Penn the Florist, was married June 25 to Miss Sophia Rosenbush.

### Visitors at Fordhook Farms.

The party who visited Fordhook Farms numbered more than 40 and included the following:

Prof. A. C. Beal, Ithaca, N. Y.  
Harry A. Bunyard, New York.  
Frank Cremer, Huntingdon, Pa.  
J. Davy, Arpaion, France.  
W. A. Duckman, Madison, N. J.  
Martin C. Ebel, Madison, N. J.  
Bertrand H. Farr, Reading, Pa.  
Samuel Armstrong Hamilton, Huntingdon, Pa.  
Arthur M. Kirby, Jersey City, N. J.  
Norval E. Kirby, New York.  
Miss Irma V. Marvel, Germantown, Philadelphia, Pa.  
Hugh A. O'Donnell and wife, Philadelphia, Pa.  
J. H. Pepper, New York.  
A. K. Rohrer, Lancaster, Pa.  
David Rust, Philadelphia, Pa.  
Chas. H. Totty, Madison, N. J.  
Harry Turner, Port Washington, N. Y.  
Geo. C. Watson, Philadelphia, Pa.  
Of the Burpee staff located at Fordhook Farms during the summer:  
Howard M. Earl.  
George W. Kerr.  
Harry Buckman.  
Alfred Vestergaard.  
E. J. Wodack.

### Pennsylvania Horticultural Society.

An exhibition of the Pennsylvania Horticultural Society was held in conjunction with the National Sweet Pea Society of America in Horticultural Hall, Philadelphia, Pa., on June 8. Prizes were offered for Japanese iris, hardy herbaceous perennials, zinnias, out-door flowers, and glloxinias in pots. There were quite a few exhibitors in these sections, many of the entries being very showy, notably those of hardy herbaceous and out-door flowers. E. Robertson, Batchelor and David Aiken, private gardeners who put their best into the arranging of their various vases all of which made a very attractive display. Bernard Farr of Wyomissing Nurseries, Reading, staged seventy vases of Japanese iris which made a very interesting exhibit and won a certificate of merit. Henry A. Dreer came down from Princeton with a beautiful showing of Japanese iris about 25 blooms to a jar, these were much admired. Six large tanks of water lilies from the same firm were also a feature, they were nicely arranged with fern leaves around the edges of the tanks and lots of lily leaves floating in the water with the flowers. A vase of about 25 Calla Eliotiana with its brilliant sulphur covered blooms was exhibited by J. Louis Childs of Queens, L. I. and made an attractive table center. The cut flower artists with the exception of a Brides' bouquet by Robt. Kift ignored the tempting prizes offered for table decorations and baskets to be made of sweet peas. The premiums were very liberal but there were no entries.

The awards were as follows:

Sweet Peas, best vase mixed—Mrs. R. B. Ellison, (Axel Lindroth, gardener), first; Henry Goldman, (Anthony Bauer, gardener), second.

Spencer varieties, best ten vases—W. W. Frazier, Sr. first.

Japanese iris, best collection of not less than twelve varieties—C. B. Newbold, first; Thomas P. Hunter, (Joseph Hurley, gardener), second.

Hardy herbaceous perennials, best display of twelve species—C. B. Newbold, first; Mrs. Geo. H. McFadden, (David Aiken, gardener), second.

Sweet Peas, best twelve vases of fifty sprays each—James McCrear, (James Coleman, gardener), first; W. W. Frazier, Sr., (Walter Scott, gardener), second.

Zinnia elegans, best vase of Water-er's mammoth flowering. Mrs. Geo. H. McFadden, first; C. B. Newbold, second.

Out-door cut flowers, best collection of twelve species—C. B. Newbold, first; Mrs. Geo. H. McFadden, second. Gloxinia, best pair—Mrs. J. J. Henry, (Car Lindroth, gardener), first; Mrs. Geo. H. McFadden, second.

#### Horticultural Society of New York.

A meeting and exhibition of the society were held in the Museum building, New York Botanical Garden, on July 1, the exhibition continuing over Sunday. July is an uncertain month for an exhibition, but the interest manifested in this one by the good showing of exhibits was very gratifying. The next exhibition will be held at the same place on August 26-27, and will be devoted mainly to gladioli. Schedules will be ready early in August, and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, N. Y. City.

Following is a list of the awards made at the exhibition held on July 1-2:

Collection of outdoor roses, Scott Bros., first.

Twelve vases Japanese iris, 12 varieties, Scott Bros., first; Mrs. F. A. Constable, (James Stuart, gardener), second.

Six vases sweet peas, 6 varieties, 25 flowers of each, H. Darlington, (F. W. Popp, gardener), first; Mrs. A. M. Booth, (E. Fardel, gardener), second.

Best vase of sweet peas, 100 sprays, H. Darlington, first; Mrs. A. M. Booth, second.

Collection of flowers of herbaceous plants, Mrs. F. A. Constable, first; T. A. Havemeyer, (A. Lahodny, gardener), second.

Collection of flowers of shrubs and trees, T. A. Havemeyer, first.

Six vases Japanese iris, 6 varieties, T. A. Havemeyer, first.

Three vases sweet peas, 3 varieties, 25 flowers of each, H. Darlington, first; T. A. Havemeyer, second.

Special prizes as follows: T. A. Havemeyer, for a collection of sweet peas, special prize; Mrs. F. A. Constable, for a vase of *Lilium candidum*, special prize; Wm. Tricker, certificate of merit for *Nymphaea Helen Fowler*; Wm. Tricker, certificate of merit for *Vinca minor aurea*; L. S. Livingston, special mention for *Romneya Coulteri*; Mrs. A. M. Booth, for 3 vases of sweet peas of 3 varieties each, special prize. The judges were David MacFarlane, James Donlan, and Wm. Tricker.

GEORGE V. NASH Sec'y.

#### Philadelphia Notes.

The Sweet Pea show of last week attracted quite a number of the trade as visitors and from the close inspection of the varieties it is likely that the sweet peas of the coming season will run better in quality than before. Wm. Sim of Cliffdale, Mass., says that he follows his sweet peas with crops of tomatoes having the plants well advanced in pots so that when planted they are soon in crop. He finds ready sale for all he grows at good prices.

G. W. Kerr, Burpee's sweet pea expert and specialist says that sweet peas are not fertilized by insects as by the time the flowers are so open that they could get at the stamens it is too late. When it is desired to do this work artificially the buds are opened and the stamens removed while still green. Sweet peas are much given to variations both as to form and color and the newer type Spencer was said to be a sport, although the exact parentage or origin is still in doubt, as its introduction is claimed by several growers.

The next meeting of the Florists' Club will be enlivened by a paper on Railroad Gardening, by Paul Heeseler whose fame in this work is national.

K

#### The Late William Taat.

William Taat, the well known American representative of M. Van Waveren & Sons, Hillegom, Holland, died in a Boston hospital June 13. Mr. Taat fell in front of a subway train as it was entering the station, June 7. He was injured quite seriously, the train running over his foot, and was taken to the city hospital. Three operations were performed upon him.



The Late Wm. Taat.

Born February 9, 1874.

the foot being finally amputated above the ankle, after which he died June 13. Mrs. Taat accompanied him to Boston on this trip, and several friends went on from New York after the accident, remaining with him during his illness.

Mr. Taat was born in Hillegom, the center of the Dutch bulb district, and from his earliest years took a great interest in bulb culture, entering the employ of the Messrs. Van Waveren as a boy of 14 years. Always ambitious and industrious, he soon acquired a knowledge of several languages, and then started out as a traveler in the interest of his firm, first in France and Russia, and later in the United States. He was remarkably successful as a salesman and, in America especially, soon won the respect and confidence of everyone in the trade

with whom he came in contact, due largely to his sterling worth and thoroughly practical knowledge of the business.

Mr. Taat came first to the United States in 1898, and in 1903 married Miss Grace Miller, of Yonkers, N. Y., where he has since resided. Mrs. Taat alone survives.

#### The Late Arthur B. Lewis.

Arthur B. Lewis, the well known florist of Pontiac, Mich., died Friday morning, June 30, at Oakland hospital of peritonitis, aged 53 years. He was noted for his industry, sobriety and close attention to business which combined the culture of both flowers and vegetables, several acres being devoted to the latter crops. He was the originator of a muskmelon of great size, and attained considerable local fame in its successful culture. He was a member of the Detroit Florists' Club, and that organization sent a beautiful floral emblem to the funeral, which was held Monday afternoon, July 3, from All Saints Episcopal church. He is survived by a widow and son, Harold H.

#### Massachusetts Horticultural Society.

The annual rose and strawberry show of the Massachusetts Horticultural Society was held June 24. Mr. H. Walsh, superintendent of the estate of Miss S. B. Fay, Woods Hole, filled four long tables with blooms of hybrid perpetual and hybrid tea roses. Martin Sullivan, gardener for William Whitman, showed a splendid collection of delphiniums, canterbury bells and foxgloves. J. T. Butterworth made a fine display of orchids and T. C. Thurlow & Sons Co. an exhibit of peonies. R. & J. Farquhar & Co. had a magnificent exhibit of herbaceous plants and flowers. The display of strawberries by Wilfrid Wheeler was exceptionally good. Following are the awards:

Special Prizes. Theodore Lyman Fund, Hardy roses. Collection, not less than twenty varieties: Miss S. B. Fay, first. John C. Chaffin Fund. (for amateurs only)—Best three blooms of any white perpetual rose; Robert Seaver, first. Fran Karl Druschki. Best three blooms of any white perpetual rose; Robert Seaver, first; Mrs. John Laing, second for Mrs. R. G. Shuman. Best three blooms of any red hybrid perpetual rose; Robert Seaver, first; Ulrich Brunner, and second for Gen'l Jacobson. Best three blooms of any new hybrid perpetual rose not offered in any American catalogue previous to 1900; Robert Seaver, first. Fran Karl Druschki. Society's prizes. Hybrid perpetual roses. Twelve named varieties, three of each: Miss S. B. Fay, first. Six named varieties, three of each: Miss S. B. Fay, first; W. J. Clemson, second. Six named varieties, one of each: Miss S. B. Fay, first. Six named variety of hybrid tea roses, not less than twelve varieties: Miss S. B. Fay, first. Best three blooms of a variety introduced since 1900; Robert Seaver, first; J. B. Clark, second. Six blooms of Fran Karl Druschki: Miss S. B. Fay, first; W. J. Clemson, second. Six blooms of Mrs. R. G. Shuman Crawford: Miss S. B. Fay, first; W. J. Clemson, second. Six blooms of Margaret Dickson: Miss S. B. Fay, first. Six blooms of Ben Cant: Miss S. B. Fay, first; J. T. Butterworth, second. General Display.—One hundred and thirty-two roses: Miss S. B. Fay, first. Sweet Williams.—Display, eighteen vases, not less than six varieties: Wm. Whitman, first; George Pare, second; Wm. Whitman, third. Herbaceous roses. Collection of twenty or more named varieties, double: T. C. Thurlow & Sons Co., first. Collection of twelve named varieties, double: T. C. Thurlow & Sons Co., first. Specimen bloom, double: Wm. Whitman, first; T. C. Thurlow's Sons Co., second. Collection of twelve named varieties, white: T. C. Thurlow's Sons Co., first. Vase of twenty-five blooms, double, pink or rose: T. C. Thurlow's Sons Co., first. Vase of twenty-five blooms, double, red or crimson: T. C. Thurlow's Sons Co., first. Campanula medium.—Collection, not less than fifteen blooms: Wm. Whitman, first; George Pare, second. Wm. Whitman, third. Gratiolites.—W. J. Clemson, display of hybrid roses; Miss Cornelia Warren, three plants in bloom of *Onoclea flexuosum*; Wm. Whitman, display of herbaceous flowers; Mrs. E. M. Gill, display of roses and other flowers. Honorable Mention.—J. T. Butterworth, three hybrid roses; R. & J. Farquhar & Co., hybrid dignities; also for collection of peonies; E. J. Shaylor, collection of gladioli; also for collection of gladioli. Thanks.—R. & J. Farquhar & Co., collection of herbaceous flowers; Langwater Gardens, vase of *Trachelium caeruleum*; T. C. Thurlow's Sons Co., two vases of iris.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

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Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

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"HOLM LEA" the beautiful garden home of Prof. C. S. Sargent, director of the Arnold Arboretum, is the subject of a well illustrated article in Country Life in America for July 1. An illustrated notice of this famous place, located at Brookline, a suburb of Boston, Mass., will be found in THE AMERICAN FLORIST of September 24, 1904, page 344. The late Dr. Olmsted, the renowned landscape gardener, was for many years Prof. Sargent's close neighbor and friend.

## Personal.

The many readers who know J. F. Sullivan and wife, of Detroit, Mich., will be pleased to learn that Mrs. Sullivan is making good progress toward recovery from the effects of her recent accident.

F. W. Taylor, Denver, Colo., better known to our readers in connection with the St. Louis world's fair, was a visitor this week.

## Regulating Aeroplanes.

The movement made by Pierce Bros., of Waltham, Mass., in instituting proceedings to take out an injunction against the flying over their greenhouses by an aviator at an aviation meet within a short distance of their establishment, opens up a very large question as to who is the possessor of the space above his property. The question was settled by the projectors of the meet filing a bond to cover all damages. An aeroplane dropping upon a large area of glass while traveling at a high rate of speed would do incalculable damage, and it seems as if the owner of such property should be protected in some manner from such a mishap. No doubt as the use of the aeroplane becomes greater necessary laws will have to be passed. A bill to regulate the matter has been presented in some legislatures, but has been pigeon-holed with the common belief that the air is free to all. The time is coming, however, when these machines are to be more common and put to some commercial use. W. Atlee Burpee, on his voyage out of New York harbor on the maiden trip of the mammoth Cunarder Olympic, was to have been the recipient of the first package delivered by an aeroplane, but, unfortunately, the party who dropped the parcel missed his aim and instead of landing safely on the deck of the steamer it dropped into the ocean.

## General Business Encouraging.

We find the following with regard to general business conditions in the summary of R. G. Dun & Co., issued July 1:

"Wholesale activity in general merchandise is of between seasons character. Fewer outside buyers operate in staples, and road and mail orders decreased slightly, but June sales have been greater than in the same month last year in dry goods, boots and shoes, clothing, millinery, cloaks and suits, men's furnishings, hats and caps, furniture, carpets, and food products.

"Current shipments include a fair variety of textiles, outing, and sporting goods, and demands have held steady in jewelry, fancy goods, art wares, and musical lines. Hot weather was widely beneficial, stocks being amply depleted in all directions, and, with the improved consumption, the outlook indicates early replenishment and further liberal selections soon of fall and winter needs for the interior.

"Business prospects derive encouragement from crop conditions. Winter wheat thrashes out better than expected. Additional shrinkage affects oats, but corn maintains excellent progress in the leading states, and late advices show wheat loss in South Dakota is less serious than first reported. Rainfall and temperatures this week were unusually favorable for the growing cereals and pastures."

## Tulips Coming Blind.

ED. AMERICAN FLORIST:

I hear many conflicting reports on the "coming blind" of tulips both forced and grown outdoors. Growers seem inclined to blame the Hollanders while some of the latter say the bulbs are kept dry too long before potting, and are not well treated in subsequent care. What light can you give me on the subject?

VERITAS.

This has always been a vexed question between the producer in Holland and the grower elsewhere, but as the late F. W. Burbidge once said to the writer, "We have to depend wholly on what the Dutchman sends us." If a whole shipment of a certain variety goes blind under conditions that suit and give good results with others, any disinterested party would agree that the fault was with the bulbs. If again a few boxes fail to bloom out of a batch, we must look for the reason at home, and in most cases the roots have become dry at some time during storage, or the soil was never well soaked with water after planting, it is a good rule to place the flats outdoors first when planted, let the rain soak them well, and store in cellar when the outdoor temperature falls lower than that of the storehouse. We have had failures through not observing the above rule, and the putting of dry sand over the flats when stored will sometimes absorb enough moisture out of the soil as to prove injurious.

Quite recently we have discovered that the grower in Holland in the majority of cases does not grow nearly all the stock he sells us, he is noted for some few kinds that he does well and produces in large quantities, trusting to his neighbors in a sort of clearing-house way for other kinds which he has already sold. It is well that he specializes on a few kinds, they can be better grown and kept true to name, but through dealing with a "pool," the actual responsibility to the customer here is less than it should be, because he does not care to tell you that the other fellow's line of Chrysolora or Cottage Maid were a failure this year, he takes a chance on this when selling you, but the loss is placed where it does not belong. The same custom obtains in Belgium with the azalea growers, each one being noted for a few varieties, this is a decided advantage in that better plants are produced, and if poor they cannot sell them for the buyer can see at once if buds are lacking.

There is still the question of diseases which has to be fought in Holland, we hear of it at times quite by accident, and when epidemic, is usually attributed to climatic conditions, and thus transitory. The writer is not competent to discuss this, but it is a fact that forced tulips, and deems it necessary to say so, certain it is, however, that it is surprising how old the regular kinds of forcing tulips are, the writer has been growing most of them for more years than he cares to tell here, and when they are good are very good, and when we consider how carnations, roses, and even narcissus appear, shine for a time and disappear, the method (discussed) Dutchman must be given credit for having done pretty well for a century or more, and that with garden raised varieties—exactly on a par with our race of greenhouse carnations.

The longer a bulb is kept out of the soil the poorer the return of bloom, not perhaps that the bulb loses vitality, its wonderful outer covering is proof against this for a surprising time, but, there is not sufficient time after late planting for the best growth of roots to support the crop. To most readers perhaps it may read like a fiction, but it is true that a florist once used to plant his Roman hyacinths and Dutch bulbs in batches to get a succession of bloom, and then wondered why his late ones were the poorest, he owned and operated the oldest greenhouse in a large New England state and died, I think, before he was really convinced his old-time practice was wrong, for the son did likewise, not so wise perhaps but likewise. E. O. ORPIT.

## Meetings Next Week.

Baltimore, Md., July 10, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets.  
Butte, Mont., July 14.—Montana Florists Club Columbia Garden.  
Chicago, July 12.—Gardeners' and Florists' Union No. 1005, 10 and 12 Clark street.  
Cincinnati, O., July 10, 8 p. m.—Cincinnati Florists' Club, Jabez Elliott Flower Market.  
Cleveland, O., July 10, 7:30 p. m.—Cleveland Florists' Club, Progressive hall, 2610 Detroit avenue.  
Hartford, Conn., July 14, 8 p. m.—Connecticut Horticultural Society.  
La Crosse, Wis., July 11.—La Crosse Gardeners' and Florists' Society, Hotel Stoddard.  
Lake Geneva, Wis., July 15, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, News building.  
Madison, N. J., July 12, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic hall.  
New Orleans, La., July 9, 2 p. m.—Gardeners' Mutual Protective Association, 118 Exchange alley.  
New York, July 10, 7:30 p. m.—New York Florists' Club, Grand Opera House building.  
New York, July 12, 4:00 p. m.—Horticultural Society of New York, American Museum of Natural History.  
Omaha, Neb., July 13, 8 p. m.—Omaha Florists' Club, City hall.  
Rochester, N. Y., July 10, 8 p. m.—Rochester Florists' Association, 97 Main streets, east.  
Springfield, O., July 10.—Springfield Florists' Club, office of the Good and Beautiful Co.  
St. Louis, Mo., July 13, 2 p. m.—St. Louis Florists' Club, Odd Fellows' building, Ninth and Olive streets.  
Toledo, O., July 12.—Toledo Florists' Club.

## Wants, For Sale, Etc

## One Cent Per Word, Cash with Adv.

**For Plant Ads., See Ready Reference Section.**  
Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—In packing and shipping department of a Chicago wholesale house; experienced; can furnish the best of references.  
Key 457, care American Florist.

**Situation Wanted**—Gardener, Gorman, 26 years old, wishes steady position in private place; experienced in landscape, greenhouse, vegetables etc.; best of references. Address  
Key 469, care American Florist.

**Situation Wanted**—By all around seed man, either as manager of retail house or a position of trust; can give high class reference; about 30 years' experience in the seed business. Address  
Key 462, care American Florist.

**Situation Wanted**—An experienced German gardener, 26 years old, 18 months in this country, want a steady place by July 15; thoroughly versed in the growing of carnations, cyclamens, chrysanthemums and pot plants also in forcing and outdoor work; please state wages with offers.  
FREDRICH JUNGE,  
662 Diversey Boulevard, Chicago, Ill.

**Situation Wanted**—Middle aged German gardener, propagator carnation grower, grower of flowers for the holidays and grower of ten good specialties for greenhouses, bedding plants and general greenhouse plants; perfect in nursery work and outside gardening; with good references; an independent; wishes situation in commercial or private garden. Address  
Key 454, care American Florist.

**Situation Wanted**—By florist and gardener, 32 years of age, married, has life time experience of practical horticulture, covering the routine work of cut flowers, fruits and vegetables under glass and outdoors; also walks, lawns, hardy trees and shrubs; had one prize at exhibitions for Am. Beauty and mums; can give high class references; last position four years.  
T. K. WATKINS, Florist,  
90 Wythe Ave., Brooklyn, N. Y.

**Help Wanted**—Six budders and six tyers: state experience and wages expected. Address  
W. T. HOOD & CO., Richmond, Va.

**Help Wanted**—10 live salesmen thoroughly acquainted with the florist, nursery and seed trade; must have all references; apply by letter only, stating qualifications in first communication.  
Key 463, care American Florist.

**Help Wanted**—Established seed house doing good profitable business, seeks managing partner; no money required; just ability; owner has other business requiring his time; exceptional opportunity for hustler; give qualifications and references.  
Key 468, care American Florist.

**For Sale**—Tubular boiler, 36 in. full front; good for three houses, 18x160; \$75.00.  
LEVANT LOLE, Battle Creek, Mich.

**For Sale**—Second hand pipe, a fine lot of 3/4, 1, 2 and 3 inch second-hand pipe at low prices; guaranteed in good condition.

BAUR GLASS COMPANY, Eaton, Indiana.

**For Sale**—Well established greenhouse business for sale; located in a college town half way between Utica and Norwich, N. Y.; terms reasonable.  
L. R. F. SMITH,  
Box 1034, Hamilton, N. Y.

**For Sale**—Greenhouse, 20x25; 2 acres in city; good business; 8 room house, modern, located near the Sound; finest view; near car; gravity spring water. O. E. RAMQUIST, 4806 Alki Ave., Seattle, Wash.

**For Sale**—Dwelling and greenhouses, 5000 sq. feet glass; four acres land; good well; good business location; town of 30,000, about two miles from town; price and terms reasonable; manager's death reason for selling.  
MRS. C. ALLEN,  
K. No. 3, TEXARKANA, Ark.

**For Sale**—Old established florist and seed business, 20,000 feet of glass; 10 acres; well located and doing a fine local and also mail order business. Have making list of 30,000; everything in good shape. Houses well stocked. Want to retire. Good opening for a hustler. Address  
Key 465, care American Florist.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants, one 20x125 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 10x20 feet in connection; good location for retail trade; for further particulars call on or write.  
AUG. KOEBLE,  
4228 N. 40th Ave., Chicago, Ill.

**For Sale**—Sunnyside Greenhouses for sale on account of ill health; one of the best in Central Michigan; will sell for less than half what they cost; 11 greenhouses; over 20,000 feet of glass, with three acres of land; all in running order in city of about 100,000 population, with best shipping facilities. Price \$5,500.  
JNO. S. SCHLEIDER, Owosso, Mich.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves., Greenhouse in connection. For further particulars call on or write  
J. T. HELBOK, 941 Wrightwood Ave., Chicago, Ill.

**Wanted to Lease**—From 15,000 to 30,000 feet of glass within 30 miles of New York City; modern place required with good dwelling and outbuildings; prefer several acres. Address  
CHAS. BARSON, Ossining, N. Y.

## Wanted--- Seedsman

Who has had some experience in calling on country trade and capable of working in the house when road work is done. Four months of the year road work, balance of the time in the house.  
Key 440, care American Florist.

## WANTED

Two experienced rose growers to take charge of section; permanent position to right party; state experience, wages expected and references.

J. F. WILCOX & SONS, Council Bluffs, Iowa.

## WANTED

Two Am. Beauty Growers.

One Tea Rose Grower.

One 'Mum and Carnation Grower.

None but men experienced in handling section need apply. Wages, \$18.00 to \$18.00, (quick application by night lettergram necessary).

**South Park Floral Co.**  
NEW CASTLE, IND.

## Wanted---Carnation Grower

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves he is a \$15.00 per week man. Address

Key 461, care American Florist.

## FOR SALE Nursery and Farm.

A well located up-to-date nursery of more than 100 acres, one-half mile from thriving town on railroad, and near two large cities; 14 green houses, all stocked; 230,000 trees of all kinds; other growing stock and crops. A going concern, with bright prospects. Good reason for selling. Full particulars by addressing

Key 458, care American Florist.

## FOR SALE.

In Western Pennsylvania; an up-to-date retail flower store, doing a good business and catering to a high class of trade. This store is making money, and a good price is asked as there is no immediate need for selling. Best of reason for wishing to dispose of same, and references of the highest character will be furnished. Anyone interested should investigate by addressing

Key 466, care American Florist.

## NEW YORK SALESMEN

We need men who are familiar with the greenhouse trade in and around New York. State age, experience and salary.

Address

**Boilers,** care of American Florist

Here's a Mighty Fine Opportunity for a Good Man Who Knows the Nursery Business, or a Firm Who Wants a Branch House.

I own one of the best greenhouse and nursery plants in the country—50,000 feet of glass is now in carnations and 130 acres in general nursery stock. I am a banker, a mighty busy man, and cannot give this enterprise the attention it deserves. A reliable nursery firm, or a competent man who possesses good business ability, will be sold a half interest at a fair price and on reasonable terms. It is desirable—but not absolutely necessary—that such a man should have a knowledge of greenhouse management and a married man is preferable. This locality is unequalled for growing many kinds of nursery stock, and I believe it is an opportunity for a nursery firm or a capable man to establish a splendid business. If you feel that you are the type of a partner I am looking for and can invest from \$15,000 to \$20,000 write to me at once.

V. Z. McFARLAND PUBLICITY SERVICE,  
Box 5, HARRISBURG, PA.  
Peach budders, who know how, wanted now.



# Summer Roses

**Rhea Reid, Kaiserin,  
My Maryland.**  
These are our Specialty.

**Buy Direct of the Grower and Get Fresh Stock**

**We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.**

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz.     |
|------------------|--------------|
| Extra long.....  | \$3 00       |
| 24-30-in.....    | 2 00         |
| 18 to 24-in..... | 1 50         |
| 12-in.....       | 1 00         |
| 8-in.....        | 75           |
| Short stems..... | Per 100 4 00 |

### Kaiserin, Rhea Reid, Maryland

|                         | Per 100        |
|-------------------------|----------------|
| Extra long select.....  | \$8 00         |
| Good Medium length..... | \$5 00 to 6 00 |
| Good Short.....         | 3 00 to 4 00   |

### Killarney, White Killarney, and Perle.

|                         | Per 100           |
|-------------------------|-------------------|
| Extra long.....         | \$6 00 to \$ 8 00 |
| Good medium length..... | \$4 00 to 5 00    |
| Good short length.....  | 3 00              |

### CARNATIONS

|                                             | Per 100        |
|---------------------------------------------|----------------|
| Extra fancy, long O. P. Bassett.....        | \$2 00         |
| Fancy long pink and white.....              | 2 00           |
| <b>HARRISII LILIES</b> .....per doz.        | 1 00           |
| ".....                                      | \$6 00 to 8 00 |
| <b>Lily of the Valley</b> .....             | 3 00 to 4 00   |
| <b>Select Pink and White Peas</b> .....     | 50 to 1 00     |
| <b>Adiantum</b> .....                       | 1 00 to 1 50   |
| <b>Asparagus Sprays</b> .....               | 3 00 to 4 00   |
| <b>Ferns, Eastern</b> .....per 1000, \$1 50 | 20             |
| <b>Galax, Green</b> .....per 1000           | 1 00           |
| " <b>Bronze</b> .....per 1000               | 1 00           |
| <b>Smilax</b> .....per doz.                 | 2 50           |

**Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.**

# BASSETT & WASHBURN,

**Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.**

## Chicago.

### THE WEEK OF THE FOURTH.

The first week in July, the week of the glorious fourth, opened up with three of the hottest days that the city has had in years, the thermometer fluctuating around the 100 mark during the afternoon and not getting below the eighties at night. The week is always noted as one of the lightest in the flower business, for much of the spare money is spent for powder and fire-works, and there is but little entertaining and with such excessive heat, those who can spend the time and afford the expense have hurried from the hot city to the cooler woods and green fields. Still the trade with the wholesale houses has been fair and there is a market for the stock that is of good quality, but there is a larger quantity of an inferior grade that does not find an outlet. There are some fine roses to be had. American Beauty is in good condition with some of the growers, some exceptionally good blooms being seen. Killarney and My Maryland are very good, some especially fine colored flowers being received daily. Kaiserin, while not overplentiful are fine, but the bulk of the white is White Killarney and some of these are splendid blooms although with such exceptionally hot weather they open quickly. Richmond is still the red and if used as soon as obtained are very satisfactory, but the blooms open up very soon after being out in the air. Carnations are about through for this season, there being but few good flowers seen, and not many of any kind, and there will not probably be any good ones until the young stock begins to bloom. Lilies are very fine, some extra quality longiflorum and candidum to be found as well as the Japanese varieties speciosum and auratum. Water lilies are also a feature and in a va-

riety of colors and some large fine flowers to be obtained. Lily of the valley can be had of extra fine quality but there is also some very small stock seen. Sweet peas are good, some beautiful sprays being sent to the market daily and all the colors are obtainable which gives a retailer a bright display. Peonies are about through, there being but little cold storage stock left and the week will see it all sold out. Some very fine gladioli are yet to be seen but the greenhouse product is approaching its end. There is a large assortment of outside stock. coreopsis, gaillardia achillea, feverfew and gypsophylla being offered in quantity. Smilax is still short, there being but little on the market but of other greens there is a quantity.

## NOTES.

Wilder Desmond (John's son) is breaking into the business and looks like a sharp young man. Talking over the telephone the other day to an incoming expressman, he inquired about an expected shipment and finally instructed the expressman to "Be sure and put it in a cool place when it comes in." Many a veteran would have overlooked that important item.

Frank Ayers, the popular salesman at C. W. McKellar's is not only noted in the sporting line as a crack bowler, he has been absent from the store this week, being one of the crew of the crack yacht Vencador, which is participating in the races of the Chicago Yacht Club to Milwaukee and return. The demand for peonies has cleaned up the storage stock much earlier than usual, but the season was not so propitious for the storing of these flowers as it has been some years, the exceedingly hot days in June forcing them open faster than they could be handled.

The base ball teams of the Chicago Carnation Co. and the A. F. Amling

## U S Budlong's E Blue Ribbon Valley.

Co., crossed bats on Sunday, July 2, at Joliet, the former winning by the score of 17 to 0. The long hot trip which the Amling team had to take seemed to be their undoing.

The wholesale men, now that irritating hot-weather, light-business conditions prevail, are indulging in the perennial kicks against rents and landlords of every age and nationality are a much despised class at this time.

Freddie (Ed's beloved Freddie) left on his vacation July 1 and as he reached the top step of the stairway in leaving, shouted back: "Good-bye, everybody, and don't forget, the hottest weather has yet to come."

Investigation of the trouble at the west side parks may prove it a mere garden party. Any common carrier knows the difference between garden truck and fire apparatus, even to the hose.

Early closing began July 1. All the wholesale stores trying to get through by 5-30 o'clock and on some of the doors the notice reads that the store will close at 5 o'clock.

John Starrett, florist at the LaSalle hotel, reports June business, which included a number of weddings, quite lively.

It is believed the fish supply will last to July 4, 1912, if the cold storage holds out.

W. N. Rudd and Phil Foley left on a Michigan fishing trip June 29.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone Randolph 35 CHICAGO, ILL.

## Use Poehlmann's Fancy Valley

Current Price List. — Subject to change without notice.

### AMERICAN BEAUTIES

|                     | Per Doz.                        |
|---------------------|---------------------------------|
| Long, specials..... | \$3 00                          |
| 30-inch.....        | 2 50                            |
| 24-inch.....        | 2 00                            |
| 18 to 20-inch.....  | 1 50                            |
| Short.....          | Per 100, \$4 00, \$6 00, \$8 00 |

### KILLARNEY, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | \$10 00        |
| Medium..... | 8 00           |
| Short.....  | \$4 00 to 6 00 |

### RICHMOND, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 10 00          |
| Medium..... | 8 00           |
| Short.....  | \$4 00 to 6 00 |

### WHITE KILLARNEY, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 10 00          |
| Medium..... | 8 00           |
| Short.....  | \$4 00 to 6 00 |

### MY MARYLAND, Special.....

|             | Per 100        |
|-------------|----------------|
| Fancy.....  | 10 00          |
| Medium..... | 8 00           |
| Short.....  | \$4 00 to 6 00 |

### Cattleyas.....

per doz. \$1 00 to \$6 00

### CARNATIONS,

Per 100

|                          | Per 100 |
|--------------------------|---------|
| Fancy white and red..... | 3 00    |
| Fancy.....               | 2 00    |

### HARRISII LILIES,

Valley..... \$8 00 to 10 00

### Sweet Peas, Butterfly

Daisies, Shasta..... 50 to 1 00

### Plumous Sprays, Sprengeri

Plumous Strings, extra long..... 1 50 to 2 00

### Galax.....

per string, 60c

### Ferns.....

per 1000, \$1 25

### Adiantum.....

per 1000, 1 50

### Adiantum.....

per 1000, 75

**POEHLMANN'S FANCY VALLEY** } We make these a specialty.  
**EXTRA FINE HARRISII LILIES** } Can supply them all the Year  
 Once tried you will have no other

John Mangel has a very prettily arranged window. All along the East Madison street side and around on Wabash avenue the windows present a wooded scene. Banks of green moss through which a rivulet runs forming cascades and a representation of an old mill with the water turning the wheel ending in a small lake full of beautiful water lilies make a beautiful picture. A flock of ducklings swimming in the water gives the scene a very realistic appearance. The inside of the store was prettily draped with American flags for Independence day.

Bassett & Washburn are getting an immense cut of roses of exceptionally good quality. Mr. Washburn says the warm weather is forcing them out very fast, but the shipping trade of this firm is holding up nicely and the best stock is finding a market.

The Chicago Flower Growers' Association have leased the four floors and basement, 25,000 feet of floor space, at 176 N. Michigan avenue, between Randolph and Lake streets, for five years at an annual rental of \$4,800.

Weitor Bros., are handling some especially fine White Killarney roses these days. The blooms are of very fine substance for the excessive warm weather and are borne on extra good stems with fine foliage.

W. P. Kyle, of Kyle & Foerster, says his firm's peony business was entirely satisfactory this season, both as to volume and prices, the latter running fully as high as those of last year.

J. C. Vaughan attended the unveiling of the mammoth statue of Black Hawk, famous Indian chief, at Eagle Nest Bluff, near Oregon, this state, July 1, one of the hottest days this season.

Chas. Shaffer, the well known violet grower, has three of his new houses at Des Plaines planted with high grade stock.

H. C. Wendland, of Wendland & Keimle, sailed for Europe June 24.

Visitors:—A. E. Crooks, Benton Harbor, Mich.; C. J. Cleve Houck, Minneapolis, Minn.; J. A. Peterson, Cincinnati, O.; C. W. Ward, Detroit, Mich.; Kemble of Kemble & Goodman, Mason City, Ia.; A. C. Reicher, Michigan City, Ind.; B. Juergens, Peoria, en route to Europe.

### Horticultural Society of Chicago.

SPRING AND EARLY FALL SHOWS.

The executive committee of the Horticultural Society of Chicago has voted not to hold the usual fall flower show in the Coliseum building this year, but to hold a big exhibition next March in its stead.

A dahlia and aster show will be held at the Art Institute in September, the exact date to be determined by the conditions of the plants later in the season. A premium schedule for this exhibition is now being printed and will be issued shortly.

A premium schedule for the spring show next March is being prepared by a special committee. It will offer prizes as large as usually given for fall exhibits at Chicago. It is hoped in the spring exhibition to obtain a more varied display, and to arouse renewed public interest in the flower show.

J. H. BURDETT, Sec'y.

### St. Louis.

SUMMER CONDITIONS.

With the continued warm weather the usual summer dullness prevails. There have been some fairly good carnations received during the last week which sold well. A large number of pink roses are coming in but there is a scarcity of white. American Beauties are being received in good quantities

but they lack substance. Store cleaning and vacations occupy the attention of both wholesalers and retailers.

### FLORISTS' CLUB BANQUET.

The banquet given by the Florists' Club on the twenty-fifth anniversary was a very enjoyable affair, there being about 60 present. Interesting addresses were made by George Asmus and H. E. Dörner, president and secretary of the Society of American Florists, who spoke upon the work of the national society and the relationship of the society to florists' clubs. Other speakers were John Connors, president of the club, Luther Anderson, on the early history of the club; C. C. Sanders of the retail association and E. W. Gery.

### NOTES.

George B. Buermann, one of the Grimm & Gorly force, was married June 26 to Miss Viva C. Coleman. The home was decorated in green and white by the concern.

There will be a ball game between the two nines representing the wholesalers and retailers July 20. Both sides are busy hunting up players.

C. A. Kuehn has become a great rooter for the cardinals and hopes to see the world's series played in this city.

Al Gumz will start on his vacation July 10, returning in time to attend to the sports of the florists' picnic.

Herman Niehaus, salesman for H. C. Berning, has returned from a fishing trip to Perryville, Mo.

A number of growers at Kirkwood have lost their violet plants during the long dry spell.

W. F.

PEORIA, ILL.—B. Juergens left June 27 on a European trip, and will return about September 1.



9  
I

# Beauties, Roses, Carnations

**A Large Supply of all the Best Varieties**

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.     |
|-----------------------|--------------|
| Extra long stems..... | \$3 00       |
| 36 inch stems.....    | 2 50         |
| 30 inch stems.....    | 2 00         |
| 24 inch stems.....    | 1 75         |
| 20 inch stems.....    | 1 50         |
| 15 inch stems.....    | 1 25         |
| 12 inch stems.....    | .75c to 1 00 |
| Short stems.....      | 50           |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

Per 100

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Ivory.....                | } Select..... \$6 00 to \$ 8 00<br>Medium..... 4 00 to 5 00 |
| Sunrise.....              |                                                             |
| Perle.....                |                                                             |
| Roses, our selection..... | 3 00                                                        |
| Carnations, fancy.....    | 2 00                                                        |
| “ good.....               | 1 50                                                        |
| Harrisil.....             | 12 00                                                       |
| Valley.....               | 3 00 to 4 00                                                |
| Adiantum.....             | 1 00                                                        |
| Asparagus, per bunch..... | 50                                                          |
| Ferns, per 1000.....      | 1 50                                                        |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

Los Angeles, Calif.

Business during the latter part of June kept up remarkably well owing to the many social events, school graduation exercises and later the doctors' convention. Orders for 200 or 300 graduation bouquets for the students at various schools were frequent, weddings, dinners and other festivities helping to keep the ball rolling and use up the stock. Outdoor flowers of late have not been quite so plentiful and certainly not of so good quality and this has led to a far better demand for the indoor product. Growers of roses, especially, have cleaned up well daily and it has often been necessary to wait for the morning cut to fill the early morning orders, hardly giving time for the flowers to cool off. Among the most beautiful of the outdoor offerings is the native Romneya Coulteri, a magnificent plant when seen at its best as here. It makes a splendid show and its graceful white flowers with golden yellow centers are as fine as a mountain peony. Shasta daisies and gladioli have been a glut but there is a better demand for the latter lately and though prices have been extremely low not many have gone to waste. Richmond has been among the best sellers in roses the cool nights, apparently, having little effect upon it. In orchids, Cattleya Mossie and C. gigas are still the best sellers and have been in good demand. A few flowers of C. Trianae,

Headquarters for **ORCHIDS** and all Fancy Stock  
**CHAS. W. McKELLAR,**  
162 N. Wabash Avenue, CHICAGO.

from newly imported plants have also been an offer.

### NOTES.

Richmond roses have been in magnificent shape with Wm. Haerle of the El Reah greenhouses. He was just in the local market with Liliun auratum and L. rubrum, the earliest flowers and plants being ready June 20. Orchids have been in fairly heavy cut, principally Cattleya Mossie and C. gigas with a sprinkling of Trianae blooms from newly imported plants. These plants which arrived in the original cases May 17, produced the first flowers just one month afterward, June 17, showing the fine condition in which they arrived. These were from Carrillo & Baldwin, Mamaroneck, N. Y.

O. C. Saakes of West Fourth street, has had a great run of work for decorations and funerals. At the opening of the new Orpheum theater he had a lot of work including an eight-foot basket which was presented to the resident manager. The base was well executed in gladioli America

**U S Budlong's**  
**E Blue Ribbon Valley.**

and G. Augusta with appropriate foliage and bright red ribbon. It was a striking piece of arch and was much admired as was also a magnificent horseshoe five feet high in which fine red and white sweet peas were used.

Tony Tossano, of Tossano Eros, dealers in greens and sundries, left on June 23 for Italy for a three months' vacation. Tony is popular among the boys and all wish him a pleasant holiday and a safe return.

F. R. Hills has bought glass for a new house for maidenhair ferns which he will shortly erect. H. R. R.



# We Are Headquarters For Good Beauties, Roses, Peonies, Valley, Carnations, Gladioli

and are prepared to fill your orders at all times. Write for prices.

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

161 N. Wabash Ave., CHICAGO.

### European Horticulture.

FROM THE FRENCH TRADE PAPERS.

The Eremurus and their Culture.—For a long time the eremurus were considered rare costly plants desirable mainly for great gardens, parks and expositions, but that is all changed; their beauty has brought them popularity and the reasonableness of price makes them accessible to amateurs. Of the 30 to 40 known varieties, not all are decorative; many have their place only in collections, but some varieties are ornamental plants of the first rank. They belong to the lily family and have a peculiar structure; the root is a fleshy head surmounted by the central shoot, around which center are produced from five to 20 fleshy roots radiating like the spokes of a wheel. The handsome foliage forms in spring great tufts 20 to 40 inches high, from the center of which springs a robust stalk, bare at the base and terminating in an immense spike 20 to 60 inches long, according to variety, formed of hundreds of small white or yellow flowers. The best sorts are: E. Bungei, small, blooming in June and July, yellow, fragrant. E. Bungei praecox, 15 days earlier than Bungei. E. himalaicus, vigorous, broad foliage, stalks six to eight feet high, flowers pure white, fragrant, blooms end of May. E. Elnei, similar to himalaicus, flowers bright rose, blooms end of May; a little less hardy than the foregoing. E. robustus, the handsomest, largest and most vigorous; flowers a peach-blossom color, not fragrant. E. robustus albus, hybrid of robustus and himalaicus, has the appearance of robustus, but flowers are pink outside and white within and fragrant. Very vigorous.

Again the Japanese Radish.—Professor de Noter in Le Jardinier describes the method of growing this enormous vegetable: "A sandy soil, enriched by the addition of 20 per cent half rotted cow manure. The early varieties, Tokuri (16 in.), Norima Maru Jiri (12 in.), Ki Nishi (12 in.), Ka Meido (14 in.), Mia Shize (10 to 50 in. and one of the best) should be sown the latter half of July in rows five feet apart; the seeds should be planted in clusters of three, a foot apart in the row, and thinned when a few inches high; the seeds should germinate in three to four days, and in 10 days should be weeded and thinned; this process is repeated but once, for in a month the vigorous plants will have crowded out all weeds. Later varieties must be sown earlier, so as to ripen before frost. These vegetables are turnip-like, but much its superior, excellent for the table, and relished by domestic animals."

The Fifteenth Congress of French Rose Growers, taking place in June in Lyons, discussed the following questions: Synonyms, cryptogamic diseases, best roses introduced in 1908,

special use of magnesia as a rose food, the rose in floral decoration, plants desirable to decorate rose gardens, the best varieties of roses for various soils, the best roses for cut flowers, obtained in the last six years, the best Wichuraiana sorts, the best method to cause rose plants to drop their foliage rapidly, without injury to the plant. This last topic is of great interest to rose shippers, and the author presenting a really practical and harmless solution will receive a gold medal of the value of \$20.

Two Climbing Wichuraiana Roses.—Two roses to be introduced next fall and sure to be popular are the following: Paul Noel (Wichuraiana X Mme. Barthelemy Leviti). Very strong grower with the bud form and coloring of the tea rose; excessively free-blooming and remaining in flower a long time. It will be most popular as a true yellow climber is sure to be in demand. Dr. Henri Neuprez. The second is simply a marvel, according to M. Cochet in the Journal des Roses. It is a shrimp pink, blooming in clusters of two or three, and so brilliant as to be incomparably pretty; it flowers early and remains two months in bloom.

Choice Chrysanthemums.—In a recent session certificates of superior merit were awarded by the National Society of Horticulture of France to the following varieties: (A condition to receiving this certificate is that the plant must have received a certificate of merit the previous year.) Charles Schwarz, J. H. Silsbury, Le Brevenais, Mme. de Mazieres, Mile. Augustine Dorey, Mile. Marie Pouzac, Mary Ann Pickett, Mrs. R. F. Felton, M. Loiseau Rousseau, President Loubet. Many of these varieties have been in commerce since 1903-6 but are the 10 chosen for special distinction this season.

New Rose Rayon d'Or.—This new Perpetiana bids fair to even eclipse the Lyon rose in popularity. It is incontestably the yellowest ever-blooming rose now cultivated. The following is the description of M. Pernet-Ducher, its originator: "Vigorous bush, well branched; brilliant bronzy green foliage; ovoid bud, coppery orange streaked with carmine scarlet; flower large, well formed, globular, double, superb cadmium yellow on opening and a sunny yellow when completely opened." It flowers abundantly and blooms open well in all temperatures. Must be protected in severe winters.

A Note on the Restoration of Old Fruit trees by M. Herissant, director of the practical horticultural school of Trois-Croix, gives a very simple rule for trimming. From old apple trees, prune all branches inferior in size to a man's little finger, shortening the boughs to the point where they attain this size, but not removing the large boughs,

## U S Budlong's E Blue Ribbon Valley.

especially not a main branch. This procedure usually gives excellent results, the new shoots and branches forming a crown for the tree in a few years.

For Chrysanthemum Rust.—A mixture of 13 ounces sulphate of copper, 20 ounces black soap to 25 gallons of water is recommended as a radical cure. It should be applied five or six times, 24 hours apart and should be used as soon as mixed. While this process has the disadvantage of tending to clog the spray, etc., it is said to be most effective in its results. The black soap may be dissolved in hot water by vigorous stirring.

Viola cornuta Excelsior.—The Viola cornuta being so much harder and freer of bloom than the pansy, is tending to replace it for bedding purposes. This Viola cornuta Excelsior is larger than the type and has the deep blue coloring of the violet The Czar. Is recommended as a substitute for violets when scarce in making wreaths or bouquets and for its great freedom of bloom as a bedding plant.

New Rose Garten Direktor Hartrath.—Sure of a future, this new rose recalls the Mme. Caroline Testout; it is vigorously has splendid foliage, blooms freely. Buds are elongated, carried on stiff stems, large, double, a bright satiny rose color, fragrant.

### Canaries and Canary Seed.

The breeding of canaries in Yorkshire, Eng., has become of recent years quite an important minor household industry, according to Consul A. E. Ingram. Indeed it is stated that, outside of Norfolk (in the neighboring county of Norfolk) which is sometimes called the City of Canaries, there is no place where this industry is carried on so extensively as in the Bradford district.

That the rearing of canaries should be a popular and at the same time a profitable hobby in a textile district is not surprising when one learns that the introduction of these cage birds into England dates back to the days when the Flemish weavers migrated to the town of Worsted, in Norfolk, and brought with them these little caged songsters to cheer their homes in which they ran their looms. The silk weavers who fled from France and established themselves near London are also said to have been instrumental in

# Cut Flowers E. H. HUNT

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FLORISTS' SUPPLIES TOO.

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## KENNICOTT BROS. COMPANY

WHOLESALE CUT FLOWERS

163-165 N. Wabash Ave Chicago  
L. D. Phone Central 466.

We will have anything in the line of  
**CUT FLOWERS and GREENS**  
that you may want if anybody has it, at  
Chicago market prices on day of shipment.

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.  
Store, 162 N. Wabash Avenue CHICAGO

establishing this home industry of rearing canaries.

This industry is a commendable one for those pursuing a sedentary occupation. Aside from the fact that it furnishes timely employment for spare time, it also enables those who keep a few birds to increase their small wages (one workman is said to have made \$400 in one season by this means), while the large breeders make proportionately more. Though ordinary birds sell for a few shillings, prize winners realize as much as \$50 or \$75, or even higher.

The export trade in canaries is considerable, shipments being made to Australia, South Africa, and other British colonies, and also to the United States. It is stated that one firm alone in Norwich has sent as many as 10,000 birds a year across the Atlantic.

The exhibitions of cage birds that are held frequently throughout the country also do much to stimulate this industry. The Fifty-first Annual Cage-bird Show, held in the spring of this year at the Crystal Palace, had about 3,000 entries, a large proportion being canaries. It is not unusual to see 400 or 500 canaries at Bradford exhibitions, which are held under the auspices and the rules of the Yorkshire union, usually in council schools, on Saturdays, from October to December.

Among the many varieties of canaries bred in this country, each possessing distinct characteristics, might be mentioned the Norwich, the Cinnamon, the London Fancy, the Lizard, the Scotch Fancy, the Border Fancy, the Belgian, the Lancashire, and the Yorkshire. The Yorkshire canary is a long, slim, erect bird, either clear yellow, clear buff, evenly marked, ticked, or variegated, or the green and the cinnamon.

The Yorkshire Union of Cage-bird Societies has its headquarters in Bradford, and 30 societies in Bradford and the near-by towns are affiliated with the union, which has a membership of 1,200.

It is estimated that over 1,000 persons in Bradford are engaged in breeding canaries. It is likewise estimated that \$12,000 is expended annually in

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO July 5.                  | Per doz.    |
|----------------------------------|-------------|
| Roses, Beauty, specials. ....    | 3 00        |
| " " 30 in. ....                  | 2 50        |
| " " 24 in. ....                  | 2 00        |
| " " 18 to 20 in. ....            | 1 50        |
| " Shortstem. ....                | 50@ 1 00    |
|                                  | Per 100     |
| " Killarney. ....                | 3 00@ 10 00 |
| " White Killarney. ....          | 3 00@ 10 00 |
| " Richmond. ....                 | 3 00@ 10 00 |
| " My Maryland. ....              | 3 00@ 10 00 |
| " Kaiserin. ....                 | 3 00@ 8 00  |
| " Bride. ....                    | 3 00@ 8 00  |
| " Bridemaid. ....                | 3 00@ 8 00  |
| " Rhea Reid. ....                | 3 00@ 8 00  |
| " Mrs. Jardine. ....             | 3 00@ 3 00  |
| Carnations                       | 1 50@ 2 00  |
| Daisies, Shasta and Yellow. .... | 1 00@ 1 50  |
| Gladioli. .... per doz. ....     | 1 00@ 1 50  |
| Harrisii. .... per doz. ....     | 1 50        |
| Peonies. ....                    | 6 00@ 8 00  |
| Sweet Peas. ....                 | 3 00@ 4 00  |
| Valley. ....                     | 1 50        |
| Adiantum Crownatum. ....         | 1 00        |
| Perns. .... per 1000             | 1 25        |
| Galax. ....                      | 1 50        |
| Leucothe. ....                   | 60          |
| Plumous Strig. .... each. ....   | 60          |
| Smilax. .... per doz. 2 @ 3 00   | 3 00        |
| Spengeri. Plumous Sprays. ....   | 3 00@ 4 00  |

Bradford on white canary seed alone. A considerable sum is also spent on such seeds as rape, hemp, maw, linseed, etc.; while the annual expenditure for cages, nest pots, nest linings, and various other bird breeders' supplies is also considerable.

Canary seed is imported into the United Kingdom from Turkey, Spain, Argentina, and probably elsewhere. This item is not separately stated in the British import statistics, but in 1907, 12,278,484 pounds of canary seed, valued at \$271,118, were exported from Argentina to the United Kingdom. The Turkish seed is well known, while the Spanish is said to be a finer, larger seed. The present retail price ranges from \$3.40 to \$5 per hundredweight of 112 pounds; the price of the Spanish is, however, \$5.85 per hundredweight. It might therefore be of interest to American growers of this white canary seed to consider the question of competing for this trade. A considerable amount of sweet red peppers, which are imported largely from Spain, is used for mixing with the egg and other soft food during the molting season for deepening the color of the plumage; the annual expenditure on this item alone for Bradford amounts to over \$1,000.

## WIETOR BROS.

Wholesale Cut Flowers  
Growers of

All telegraph and telephone orders given prompt attention.

62 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

66 E. Randolph St.  
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Telephone, Central 3284.

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## John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., CHICAGO

ROSES and CARNATIONS  
Our Specialties.

## Geo. Reinberg

Wholesale Florist

162 N. Wabash Avenue, CHICAGO.



# YOUNG ROSE STOCK WELCH BROTHERS,

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.

Asparagus P. N. and Asp. Sprenger Seedlings

SEND FOR PRICES

W. H. ELLIOTT, Brighton, Mass.

226 Devonshire St., BOSTON, MASS.

Acacia Pubescens, American Beauty, Valley,  
Carnations, Killarney, Richmond, Maryland  
and other seasonable stock.

## WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.

Both L. D. Phones.

Supplies and Everything in Season always on hand

## During June, July and August

OUR STORE WILL CLOSE

5 o'clock on week days

12 o'clock (noon) Saturdays & Sundays.

Geo. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

### Boston.

#### JULY DULLNESS.

Things have taken a decided tumble since the last writing. We expect dullness in July and it seems to have started in to keep up the reputation, prices on everything have dropped. Carnations are still with us and the quality of some varieties from the best growers is wonderfully good taking into consideration the hot weather. Roses are about the same in quality. J. A. Budlong & Sons Co. is marketing some Radiance. This is a good rose with the perfume of the old La France. It is a rampant grower. We have seen plants of it and like the habit very much. It looks like a rose that would take plenty of water and feed to keep up the growth it makes. Whether it will be a winter rose is a point a few are asking. American Beauty seems to be the prime favorite just now. Vacations are in order and many are preparing for them and the summer resorts and the hill and swamp towns await the city boy with open arms, and tales of losing sleep with roosters and mosquitos are the talks after its all over.

#### NOTES.

We noticed at Welch Bros. some very fine American Beauty roses which they are receiving from Carl H. Jargens, of Newport, R. I., and other sources. Two thousand is the daily cut just now. The lily of the valley from the same grower is certainly fine, in fact the best we have seen in the market. This firm received an order from one party for 15,000 carnations which is certainly a good sale. David Welch has gone home to his native Isle and during his stay he has undoubtedly try to instill scientific farming amongst the farmers of the Emerald Isle.

Wm. R. Nicholson, Framingham, has purchased the greenhouses of his father, Wm. Nicholson, the noted carnation and chrysanthemum grower. He has practically run the place the past five years. This move lifts all the weight from the father's shoulders and he has a right to enjoy peacefully all that he has earned during all the early years of hard work. We wish Mr. Nicholson, Sr., many years of good health and his son good luck in his new enterprise.

Both flower markets close Saturdays at 12 noon. The clerks at the seed stores are having a hard time. There has been so many failures of seed through dry weather and other causes that some buyers have planted their crops three times. Everyone has his or her little tale of woe, and the

# HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## Wholesale Flower Markets

| BOSTON, July 5.            |    | Per 100  |
|----------------------------|----|----------|
| Roses Beauty, best         | 25 | 00@35 00 |
| " " medium                 | 15 | 00@25 00 |
| " " culls                  | 2  | 00@4 00  |
| " " Bride, Bridesmaid      | 2  | 00@6 00  |
| " " Killarney and Richmond | 4  | 00@8 00  |
| " " My Maryland            | 2  | 00@8 00  |
| " " Carnot                 | 2  | 00@8 00  |
| Carnations, select         | 1  | 00@2 00  |
| " fancy                    | 2  | 00@3 00  |
| Callas                     | 8  | 00@12 00 |
| Cattleyas                  | 25 | 00@50 00 |
| Geraniads                  | 6  | 00@12 00 |
| Lilium Longiflorum         | 2  | 00@16 00 |
| Lily of the Valley         | 2  | 00@4 00  |
| Smilax                     | 12 | 00@16 00 |

| MILWAUKEE, July 5. |    | Per doz. |
|--------------------|----|----------|
| Roses Beauty       | 75 | 00@30 00 |
| " Killarney        | 3  | 00@8 00  |
| " Kaiserin         | 3  | 00@8 00  |
| Carnations         | 1  | 00@3 00  |
| Daisies            | 50 | 75       |
| Swansons           | 50 | 75       |
| Lilium Giganteum   | 1  | 25@50 00 |
| Lily of the Valley | 4  | 00       |
| Snappdragons       | 50 | 75       |
| Sprengeri          | 50 | 75       |
| Sweet Peas         | 50 | 75       |
| Adiantum           | 1  | 50@1 00  |
| Asparagus          | 50 | 75       |
| Boxwood            | 25 | 00       |
| Ferns, Fancy       | 1  | 50       |
| Smilax             | 2  | 50       |

| ST. LOUIS, July 5.       |    | Per doz. |
|--------------------------|----|----------|
| Roses Beauty, long stems | 20 | 00@25 00 |
| " " short stems          | 20 | 00@25 00 |
| " " Bride, Bridesmaid    | 3  | 00@5 00  |
| " " Killarney            | 3  | 00@8 00  |
| " " My Maryland          | 3  | 00@8 00  |
| " " Richmond             | 3  | 00@2 00  |
| Carnations               | 1  | 50@2 00  |
| Easter Lilies            | 12 | 50@15 00 |
| Valley                   | 3  | 00@4 00  |
| Adiantum                 | 2  | 00@1 25  |
| Asparagus Sprengeri      | 2  | 00@3 00  |

| CINCINNATI, July 5.   |    | Per doz. |
|-----------------------|----|----------|
| Roses Beauty          | 1  | 00@4 00  |
| " " Bride, Bridesmaid | 2  | 00@6 00  |
| " " Golden Gate       | 2  | 00@6 00  |
| " " Killarney         | 2  | 00@6 00  |
| " " Richmond          | 2  | 00@0 00  |
| " " Pres. Taft        | 3  | 00@8 00  |
| Carnations            | 2  | 00@3 00  |
| Lilium Longiflorum    | 10 | 00@12 50 |
| Lily of the Valley    | 3  | 00@4 00  |
| Sweet Peas            | 50 | 75       |
| Adiantum              | 1  | 00@1 50  |
| Asparagus Plumosus    | 25 | 00       |
| " " Sprengeri         | 30 | 00       |
| Asparagus Sorengeri   | 25 | 00       |
| Smilax                | 12 | 50@15 00 |

smaller the order the bigger the kick. The clerks must have some diplomatic training to fit them for their position.

In conversation with various coal dealers the fact has developed that the outlook is that there will probably be trouble next April (this is no April joke). The contracts of both the hard and soft coal miners expire at that time, and trouble is looked for if an agreement cannot be reached. Green house men had better lay in enough to last them until hot weather and perhaps a part of the fall. We all remember what happened during the last strike.

MAC.

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19 Province St.,

Manufacturer of Florist Wire Designs,

All kinds of Florist Supplies.

Dagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 50c per 1000: by the case, \$7.50. Boxwood, 50lb. case \$7.50. by the lb. 25c. Laurel Wreaths, 10-inch, \$1.75 per doz.; 12-inch, \$2.25 per doz.; 14-inch, \$3.00 per doz.; 16-inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

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Wholesalers of Cut Flowers

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## C. A. KUEHN

Wholesale Florist

1122 Pine St., ST. LOUIS, MO.

A Complete Line of Wire Designs.

#### Philadelphia.

#### BUSINESS NORMAL.

Exceptionally hot weather has thrown our lot for the past week. Monday July 3, being the warmest since 1901. So the local weatherman says. But as the newspapers report a like condition all over the country it is hardly worth mentioning. Business for the season is about normal, while the usual difficulty is experienced in getting good flowers for the few orders in sight. In roses, Killarney's from the Jos. Heacock Co.'s plant at Rolois are splendid for the season, being of exceptional color and substance. American Beauties are in good demand and some local growers are still sending in very fair stock while the imported or that from the eastern points can be offered without a word of apology.

For the past week some very fair sweet peas have been offered and these have sold well. Carnations are in fair shape and quite a number are shipped to the resorts. Lily of the valley and orchids are in good demand and sell up pretty close. Double white penzias, pyrethrum, white hydrangea and other out-door stock finds a good sale with the stores for design work of which there is always more or less doing.

# Rose Plants

|                            | Per 100 | 1000    |                                         | Per 100 | 1000    |
|----------------------------|---------|---------|-----------------------------------------|---------|---------|
| Beauties, 3-in. pots.....  | \$8 50  | \$75 00 | Pink Killarney, 3-in. pots.....         | \$8 00  | \$75 00 |
| Kaiserin, 2½-in. pots..... | 6 00    | 50 00   | Maid, 3½-in. pots.....                  | 7 50    | 60 00   |
| Kaiserin, 3½-in. pots..... | 8 00    | 70 00   | 600 W. Killarney, 2½-in. ....           | 6 00    |         |
| Richmond, 3-in. pots.....  | 7 50    | 60 00   | 250 plants of one variety at 1000 rate. |         |         |

All of these plants are in fine condition. Ready for immediate shipment.

**EARLY CLOSING**—During the summer months, every day at 6 p. m.

**THE LEO NIESSEN CO., 1209 Arch St., Philadelphia, Pa.**

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA

Cincinnati.  
JULY BUSINESS.

The business locally is following the even tenor of its way. Funeral work and bouquets for recitals cause a ripple in the calm serenity of the stores. It is well that it is so, too, for a not over large amount of real first-class stock is available to the buyers. Carnations are for most practical purposes nearly at an end for the season. The local growers of summer roses are cutting excellent stock in Mrs. Taft and Killarney for pink, White Killarney, Ivory and Bride for white and Perle des Jardin for yellow. American Beauties and Richmond for red, the last being good if used immediately after arrival, but open very quickly. Judging from indications a strong crop of roses is coming on. Lilies seem a trifle scarce just before the Fourth. Still at that the demand for them has been more or less erratic and apparently in an inverse ratio to the supply. When there was the most to be had there were the fewest calls and when few were offered everyone seemed to want them. Some very fine lily of the valley and sweet peas have been on sale in the various wholesale houses. In regard to this last flower one thing is noticeable. Thus far they have not experienced at any time since the season opened the terrific glut they generally have to go through in other years. This year on most occasions the worst was a slight oversupply which if the stock was A1 might be cleaned up at low prices. If, however, the blooms were not of the best it was hard finding buyers. Among other stock may be found gladioli, snapdragons, Shasta daisies, feverfew and coreopsis. The green goods are first class and ample in supply.

### NOTES.

The Bloomhurst Floral Co. at Lockland have now over half of their carnations in the bench, and if the appearance of the young stock is any criterion they bid fair to more than duplicate their success of the past year in this line.

The outing committee mailed tickets this week to the members for the annual outing at Conej on Thursday, July 20. Everyone should get the kinks out of their arms and limbs that they may be in at the finish of the various contests.

Albert McCullough has returned from the American Seed Trade Association convention in Massachusetts. He has been so busy at the office since his return that he has not as yet had time to tell of his experiences on the trip.

Ed. Foster, chairman of the flower show committee, has called a meeting of the committee at Wm. Murphy's on Wednesday, July 5.

H.

## Wholesale Flower Markets

|                              | PHILADELPHIA, July 5. | Per 100 |
|------------------------------|-----------------------|---------|
| Roses, Beauty, extra.....    | 20 00                 | 225 00  |
| "    first.....              | 10 00                 | 215 00  |
| "    Brides and Maids.....   | 4 00                  | 8 00    |
| "    Killarney.....          | 4 00                  | 10 00   |
| "    White Killarney.....    | 4 00                  | 10 00   |
| Callas.....                  | 8 00                  | 10 00   |
| Callas.....                  | 25 00                 | 250 00  |
| Gardenias.....per doz.....   | 2 00                  | 23 00   |
| Lilium Harriall.....         | 6 00                  | 10 00   |
| Lily of the Valley.....      | 3 00                  | 5 00    |
| Mignonette.....              | 4 00                  | 6 00    |
| Snapdragons.....             | 4 00                  | 12 00   |
| Sweet Peas.....              | 40                    | 1 00    |
| Adiantum.....                | 1 00                  | 1 50    |
| Asparagus.....per bunch..... | 50                    |         |
| Smilax.....                  | 15 00                 | 20 00   |

|                                       | PITTSBURGH, July 5. | Per 100 |
|---------------------------------------|---------------------|---------|
| Roses, Beauty, special.....           | 15 00               | 220 00  |
| "    extra.....                       | 10 00               | 20 00   |
| "    No. 1.....                       | 5 00                |         |
| "    Bride, Bridesmaid.....           | 2 00                | 6 00    |
| "    Chatsenay.....                   | 2 00                | 6 00    |
| "    Killarney.....                   | 2 00                | 6 00    |
| "    My Maryland.....                 | 2 00                | 6 00    |
| "    Richmond.....                    | 2 00                | 6 00    |
| Carnations.....                       | 50                  |         |
| Callas.....                           | 10 00               |         |
| Lilium Longiflorum.....               | 4 00                |         |
| Lily of the Valley.....               | 50                  | 1 00    |
| Sweet Peas.....                       | 1 00                |         |
| Adiantum.....                         | 1 00                |         |
| Asparagus Sprenger.....per bunch..... | 35                  |         |
| "    strings.....per string.....      | 35                  |         |
| "    sprays.....per bunch.....        | 35                  |         |
| Peonies.....                          | 3 00                | 4 00    |
| Smilax.....                           | 15 00               |         |

### Cleveland.

#### A GRAND CLOSE OF THE SEASON.

Society has scarcely had a breathing spell during the past week, debutante affairs together with a long list of weddings have kept many of the florists very busy, and never before have they had their originality so taxed, as hostesses are continually looking for something odd in the way of decorations and floral effects. But from now on everybody expects to take a much-needed rest, and convention talk and vacations are discussed on all sides. Stock has been equal to the demand up to Saturday, July 1, when carnations cleaned up entirely early in the day. Of roses there were enough to go around, although no long pink roses were to be had. Kaiserin and American Beauties are finding a good market, short pink Killarney and Richmond have a good call. Of lilies there are all kinds, water lilies, Japanese lilies, candidum and Easter lilies. The first of the asters have appeared, but it will be fully two weeks before they arrive in quantity. Chrysanthemums seem to have suffered from the extreme heat early this spring, as many florists are on the market for plants. Lily of the valley has been scarce this week.

### NOTES.

Chas. Bramley has remodeled the stand formerly occupied by the Schneider Floral Co. at 426 Euclid avenue and reports excellent business. He has all his business cards read "C. A. B. The Florist" to avoid the many mistakes he claims occur between himself and his brothers.

Frank Eichoff, son of Henry and Mrs. Eichoff, was married Tuesday, June 27, to Miss Clara Dalhausen. The bride carried an arm bouquet of lilies.

## J. M. McCullough's Sons Co., Wholesale Commission Florists.

—CONSIGNMENTS SOLICITED.—

Special attention given to Shipping Orders.

**Jobbers of FLORISTS' SUPPLIES  
SEEDS and BULBS.**

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GATE-WAY TO THE SOUTH

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Wholesale Growers of CUT  
FLOWERS and Jobbers of  
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**BOSTON FERNS**

5-inch, \$25 00; 6-inch, \$40 00; 7-inch, \$60 00 per 100.

Also fine Plumosa Strings at..... 50c

Mention the American Florist when writing

## EVERYTHING SEASONABLE

THE McALLUM CO., Pittsburg, Pa.

After a short vacation Mr. Eichoff will again be at the greenhouses.

The Flower Club picnic will take place the latter part of this month at Puritas Springs. Watch for the date, and don't fail to be there. C. F. B.

**SAN JOSE CALIF.**—The Pacific Coast Association of Nurserymen at the convention held June 24 elected the following officers: F. A. Dix, Utah, president; C. F. Lansing, Oregon; C. H. Smith, Salt Lake City; J. Vallance, San Francisco; Ray Hartley, Idaho; A. W. McDonald, Washington; Charles Trotter, British Columbia; and D. J. Tighe, Montana, vice-presidents; C. F. Tonneson, Washington, secretary and treasurer.



## New York Florists' Club Outing.

The eleventh annual outing of the New York Florists' Club took place on Wednesday, June 28, and with the weather everything that could be desired. The steamer Isabel left the pier at East Twenty-fourth street and East river at 10:15 A. M. and arrived at the Witzel's Point View Grove at 12:20. The committee had provided an excellent orchestra of eight pieces to furnish music for entertainment and dancing during the day. There were 211 adults and 53 children on board the boat and the committee had provided as souvenirs small pennants attached to canes and these were given out during the trip, cigars were also distributed to the gentlemen. Upon its arrival at the grove the boat was met by Ex-President Abraham Lincoln Miller and Mrs. Miller, who had made the trip by automobile. Several joined the party at the grove, among them being Anton Schultheis. The first event was breakfast. President John B. Nugent Jr. addressed the assemblage, urging everyone to have a good time and he was vigorously applauded. The committee had revised the sporting events from other years, making the races shorter and making the events more for women and children. During the afternoon dancing was indulged in in the ball room.

Owing to his attendance to the Federal grand jury. Chairman Joseph Fenrich was compelled to be absent and he was greatly missed. But as everything had been so completely arranged, in advance, by the committee, the affair went like clockwork. A very pleasing feature was the fraternal spirit shown by the Greek society, a delegation of about 25 being present headed by E. J. Polykranas. Chas. Ravotzos and J. J. Felouris were unanimous in declaring the outing one of the finest they had ever attended. Walter F. Sheridan and P. J. Smith joined the party at the grove as they were unable to get away in time by the boat. Patrick O'Mara, who sailed for Europe that morning on the Campania, was greatly missed by all but was remembered by the outing committee, who sent a box of cigars to the steamer with the best wishes of the club. Ex-President Traendly seemed to be sad on the way home to think that he had not won the prize for the largest family present, as he only had seven children. Next year he had eight. He says he never had a year. John Birnie found fault with the committee because no bag pipes had been provided. The tug of war was abandoned because W. A. Manda was not present. The official photographer was conspicuous by his absence. This would have been a grand opportunity to demonstrate the different insecticides on the mosquitoes present. The placing of a keg of beer in the grove was a grand thing—for the crew of the boat.

Chas. H. Totty entertained the "Old Guard" with select stories and quotations from Kipling. Harry A. Bunyard was at the dock to see the party off but could not go any further as he had to go to Philadelphia to attend the Sweet Pea exhibition. If the committee came out without being financially a loser they deserve great credit as they made a radical change in abandoning the souvenir programme, as so many members objected to being solicited for advertisements. Dinner was served at 6 p. m. and was everything that could be desired. President Nugent distributed prizes at this time thus avoiding the confusion of other years. The return sail was delightful, the steamer arriving at the Twenty-fourth street pier at 9:40 p. m. with everyone tired but happy. The committee consisted of Joseph S. Fenrich, chairman; Robert J. Young, secretary; Alfred H. Langjahr, treasurer; Samuel

S. Butterfield, Chas. W. Scott, Robt. M. Schultz, Bert Chadwick, John Donaldson, Wm. Kessler, Philip Kessler.

The prizes were won and awarded as follows:

Coupon prize—Frank H. Traendly, No. 57 ticket, first; R. Wittman, No. 81 ticket, second; R. Karlstrom, No. 65 ticket, third.

Ladies' bowling—Miss A. Bernie, first; Miss Middleton, second; Mrs. Miesem, third; Mrs. L. Schmutz Jr., fourth; Mrs. Donaldson, fifth; Mrs. B. Chadwick, sixth; Mrs. L. Schmutz Sr., seventh; Mrs. E. Wittman, eighth; Miss J. Traendly, ninth.

The baseball game Bachelors vs. Benedicts was won by the Bachelors, with the game unfinished, with a score of 4 to 0. The nines were as follows: Bachelors—Ed. Manda, p. E. Hanft, c.; Bogart, 1st b.; J. Manda, 2d b.; P. Wolter, 3rd b.; A. Weston, ss.; B. Jacobs, rf.; S. Tierney, cf.; B. Krekeler, lf. Benedicts—A. Bokker, p.; W. Bogart, c.; R. Schwartz, 1st b.; J. Foley, 2d b.; H. Hornecker, 3rd b.; E. Schloss, ss.; A. Richards, rf.; W. E. Cook, cf.; L. Klein, lf. Umpire, Robt. Young.

Handsomest baby under 2 years—Jos. Kessler, first; John Clapton Donaldson, second; Andrew Joseph Handel, third; Gladys Manker, fourth.

Handsomest lady—Mrs. Holt Sr., age 75 years.

Children's race under 5 years—Wm. Einsemann, first; Martha Schmutz, second; Evelyn Rickards, third; Augusta Hornecker, fourth; Herbert Klein, fifth; Sidney Chadwick, sixth; Earl Cook, seventh.

Children's race, 5-7 years—Genevieve Einsemann, first; Ethel Bettner, second; Wm. Miller, third; Alfred Schmutz, fourth; Chas. A. Traendly, fifth; Dorothy Bolles, sixth; Anna Karlstrom, seventh.

Girls' race, 7-9 years—Katherine Mirsem, first; Margaret Salkind, second; Gertrude Schimmel, third.

Boys' race, 7-9 years—Charles Miesem, first; Joseph Wolter, second; Ira Friedberg, third.

Girls' race, 10-12 years—Barbara Miesem, first; Louise Landon, second; Eloise Schmutz, third.

Boys' race, 10-12 years—Erwin Einsemann, first; Lawrence Einsemann, second; George Wolter, third.

Young ladies' race, 13-15 years—Anna Miesem, first; Olive Iler, second; Alice Wolter, third; Margaret Weber, fourth; Marie Thorne, fifth.

Boys' shoe race, 13-16 years—Wm. Manda, first; Charles Bogart, second; George Wolter, third; Lawrence Einsemann, fourth.

Boys' race, 16-19 years—Philip Wolter, first; Samuel A. Mills, second; Edward Manda, third; Chas. Bogart, fourth.

Young ladies' race, 16-20 years—Dora Streible, first; Annie Bernie, second; Jean Birnie, third.

Special race, John Miesem vs. C. W. Scott, won by John Miesem.

Men's pipe race, which was changed to a fat man's race—Joseph Manda, first; E. Jacobs, second; Jacob Dereser, third.

Married ladies' race—Mrs. A. P. Cain, first; Mrs. A. G. Handel, second; Mrs. Frances Salkind, third; Mrs. H. Hornecker, fourth.

Married ladies' needle race—Mrs. A. P. Cain, first; Mrs. Wm. Ebert, second; Mrs. Frances Salkind, third.

Three-legged race—Samuel Mills and Paul Rigo, first; Edward Manda and A. G. Handel, second.

Sack race—Edward Manda, first; Walter Schactel, second; Charles Bogart, third.

Peanut race (under 10 years)—Ira Friedberg, first; Chas. Miesem, second; Chas. A. Traendly, third.

**Charles Weiss & Sons**

127 West 28th St. NEW YORK  
Telephone 1202 Madison Square  
**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

**Siebrecht & Siebrecht**

Wholesale Florists

Telephone: 8346 Madison Square.

136 W. 28th St., New York City

Growers' race (cut flower growers)—Joseph Manda, first; Alex. Donaldson, second.

Men's, race (open)—Philip Wolter first.

Seedmen's race—Edward Boylan, first; Otto Kronmiller, second; Al. Rickards, third.

Growers' race (open)—Walter Schactel, first; Alex. Donaldson, second; Anthony Pomper, third; A. L. Miller, fourth.

Gentlemen's bowling—Rovatzos, first; Miller, second; Witman, third; Frank Traendly, fourth; Turner, fifth.

Running hop-step-and-jump, open to men only—Walter Schactel, first; Andrew Scott, second.

Elephant race—Samuel Miller and George Gardner, first; Edward Manda and Walter Schactel, second; J. H. King and A. G. Handel, third.

Special prize for the largest family present given by Vaughan's Seed Store won by Mrs. Einsemann and family.

Watermelon seed guessing contest, number of seeds in melon, 1121—Alfred Schmutz (1,111), first; Charles Traendly (1,110), second; Charles Lorenz (1,100), third; R. Wittman and A. C. Scott (1,150), fourth.

Men's race, 19-21 years—Geo. Gardner, first; A. Weston, second; Edward Manda, third; Frank Manker, fourth.

The following were the donors of the several prizes: J. Lewis Childs, \$25.00; Hitchings & Co., \$12.00; Bobbink & Atkins, \$10.00; B. Dorrance, \$10.00; F. R. Pierson, \$10.00; P. O'Mara, \$10.00; Henry & Lee, \$10.00; Wm. Hagemann & Co., \$10.00; Lord & Burnham Co., \$10.00; Samuel Thorne, \$10.00; Philip Kessler, \$5.00; Jos. Manda, \$5.00; C. B. Weathered, \$3.00; Wm. Siebrecht, \$5.00; A. T. Boddington, \$5.00; H. A. Bunyard, \$5.00; C. H. Totty, \$5.00; P. J. Smith, \$5.00; John Birnie, \$5.00; J. C. Vaughan, \$5.00; Cut Flower Exchange, \$5.00; M. C. Ford, \$5.00; Alex. McConnell, \$5.00; John I. Raynor, \$5.00; H. H. McNiff, \$5.00; Stump & Walter, \$5.00; Yokohama Nursery Co., \$5.00; J. B. Nugent, \$5.00; A. L. Miller, \$5.00; C. F. Meyer & Co., \$5.00; Burnett Bros., \$5.00; Gunther Bros., \$5.00; Wm. Marshall Co., \$5.00; E. C. Horan, \$5.00; Traendly & Schenck, \$5.00; A. H. Langjahr, \$5.00; W. F. Sheridan, \$5.00; W. C. Rickards, \$5.00; J. G. Esler, \$3.00; Mrs. Hornecker, \$2.00; S. Rodh, two bolts No. 200 pink ribbon; Schloss Bros., bolt ribbon; Electric Hose & Rubber Co., 70 feet hose; 25 feet hose; Florists' Exchange, C. W. Wadsworth, American Gardening; Peter Bisset, "Book of Water Gardening"; G. W. Oliver, "Plant Culture"; Florists' Review, "Florists' Manual."

BAYPORT, N. Y.—Julius Chevalley is building a new greenhouse 30x120 feet on his place on the North road.

FOXBORO, MASS.—Leslie Baldwin is erecting two large greenhouses on Baker street for commercial purposes.

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Price per 500, \$2.85; per 1000, \$4.50. Samples on request.  
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| extra and fancy.            | 6 00/20 00              |
| No. 1 and No. 2.            | 1 00/20 00              |
| Bride, Bridesmaid, special. | 3 00/20 00              |
| extra and fancy.            | 2 00/20 00              |
| No. 1 and No. 2.            | 5 00/20 00              |
| Killarney, My Maryind, api  | 3 00/20 00              |
| extra and fancy.            | 2 00/20 00              |
| No. 1 and No. 2.            | 5 00/20 00              |
| Richmond.                   | 1 00/20 00              |
| Carnations.                 | 1 00/20 00              |
| Callas.                     | 4 00/20 00              |
| Cattleyas.                  | each. 35/20 00          |
| Gardenias.                  | per doz. 30/20 00       |
| Lilium Longiflorum.         | 2 00/20 00              |
| Lily of the Valley.         | 1 00/20 00              |
| Sweet Peas.                 | per doz. bchs. 35/20 00 |

BUFFALO, July 5.

|                            |                  |
|----------------------------|------------------|
| Roses, Beauty, special.    | 20 00/25 00      |
| extra.                     | 15 00/20 00      |
| No. 1.                     | 10 00/12 00      |
| No. 2.                     | 2 00/20 00       |
| Bride, Maid, Killarney.    | 2 00/20 00       |
| Killarney, White and Pink. | 2 00/20 00       |
| Carnations.                | 1 00/20 00       |
| Daisies.                   | 1 00/20 00       |
| Lilium Longiflorum.        | 8 00/10 00       |
| Lily of the Valley.        | 3 00/20 00       |
| Sweet Peas.                | 40/20 00         |
| Adiantum Croweanum.        | 75/20 00         |
| Asparagus, per bunch.      | 35/20 00         |
| Asparagus Sprenger.        | 35/20 00         |
| Asparagus Str.             | 1 00/20 00       |
| Petas.                     | per 1000. \$1 50 |
| Galax, bronze.             | per 1000. 1 00   |
| Smilax.                    | 15 00            |

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## European Horticulture.

FROM THE BRITISH TRADE JOURNALS.

The Effect of Tar on Vegetation.—A considerable amount of correspondence has taken place from time to time as to the use of tar on roads and its effect on vegetation in the immediate vicinity of the same, the general opinion seeming to be that although the operation greatly reduces the quantity of dust, that which comes from such roads is very injurious, so that it is little use attempting to grow any plants with somewhat tender foliage in adjacent gardens. I fear this failure is likely to be very apparent in many suburban gardens and those close on highroads where there will be a heavy motor traffic during the coming season, for tar is already very strongly in evidence alike on roads and side paths, the latter previously treated with asphalt and getting somewhat worn. In the latter case, the tar on the hard surface does not absorb the fine stuff thrown over it so readily, with the result that a high wind sends the dust drifting about in clouds. The result of this is rather disheartening under such conditions; but until local authorities find a substitute for tar that is innocuous to vegetable-life, I suppose owners and gardeners will have to accept the situation. It seems difficult, if not impossible, to suggest a remedy. Disappointments which have arisen in connection with the above have been recalled by an incident in a very pretty suburban garden in which tar has also played a prominent part, and which I thought might be worth noting to avoid mishaps of a similar nature. This came about through coating a long stretch of trellis-work devoted to climbing plants (roses, clematises, honeysuckles and lathyrus) with a preparation specially recommended because of its rapid drying-in qualities. There is a slight odor of tar about it, and special precautions were taken as to it coming in contact with the foliage; but the latter, notwithstanding, was badly affected, *Lonicera Halleana* and the everlasting peas the worst, the leaves being covered with tiny spots.

Present-day Gardening.—There is nothing whatever to be said against the modern rage for gardening, which is the most innocent and healthy of amusements, except that it tends perhaps to be too purely horticultural. It has not, says The London Times, the vices of the old kind of horticulture, for no one now tries to make flowers look as artificial as possible; but it has new weaknesses of its own which do to some extent lessen the beauty of the modern garden. There is a rage for newly discovered and for rare and difficult plants, and many a skilful gardener spends all his skill upon horticultural experiments. The enormous variety of hardy plants tempts the ambitious amateur to make a collection rather than to ornament his garden. There are so many of them which he must grow if he is to win the respect of other amateurs that he is apt to find no room for the old favorites, which anyone can grow and everyone ought to grow. In fact, the act of gardening is to some extent affected by the hurry and competition of modern life, and there are fashions in plants as violent and as transient as fashion in dress. With all our advance in horticulture we have not attained, like the Japanese, to any settled canons of judgment. Our fancy is taken by new and lurid colors in flowers, by rare and odd or by some violent eccentricity in their habits. But these weaknesses are all part of our general defects of taste. They are not caused by the modern passion for gardening; they may sometimes pervert it. We are learning to think more of the plant than of the cut flower, and that is the

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## Vaughan's Seed Store, CHICAGO NEW YORK

beginning of all sound taste. The old kind of flower show encouraged both exhibitors and spectators to think only of the flower and to ignore its relation to the plant. The Temple Flower Show does not foster this kind of error. More and more it becomes a show of plants rather than of flowers, and its enormous popularity is a proof of the growth of good taste in gardening.

Annuals in Pots.—In walking around the Temple Show, one could not fail to be struck with the important part taken by annuals in the floral display. Generally speaking, the herbaceous calceolarias and many of the cinerarias come under that head, but they are scarcely looked upon in that light. At the show the different forms of schizanthus made a magnificent display, and scarcely less attractive were the clarkias, of which there are now some richly-colored forms. A very striking kind is *Firefly*, whose blossoms are of a salmon-coral tint. The cinerarias in their various colors are all beautiful, but one of the most charming is *Blue Gem*, whose blossoms, though smaller than in some of the others, are of a delightful shade of blue, and freely borne. The forget-me-nots, too, particularly the neat-growing kinds, whether white, blue, or pink, form pretty pot plants, while the fragrance of the mignonette always gains admirers. In this respect the stocks are little, if at all, behind, and then, in addition, their flowers are remarkably showy. Godetias, too, are very attractive annuals, and are easily grown in pots.

Oldest Tree in the World.—Mexican scientists have just announced their discovery of the oldest living thing on earth. It is the Montezuma cypress at Chepultepec. They did not discover the tree, which is well known for its size—its trunk is 118 ft. in circumference—but they have discovered its age, there or thereabouts, to be 6,150 years, and have published their scientific proofs. Humboldt described an enormous Hoakhad tree in central Africa as the oldest organic monument in the world, but its diameter, 29 ft., is 10 ft. less, and its age, 5,160 years, is a thousand years less than that now assigned to the Mexican cypress. The age of these trees is estimated from their size. One hundred years ago Dr. Candolle established the age of a yew tree in Tustling churchyard in Perth at 2,500 years. The gigantic redwoods of California are quite modern compared with some of the giant trees. The huge Sequoia of the Mariposa, known as the



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Same size cases as Wild Smilax, \$2.50.

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EVERGREEN, ALA.

## U S Budlong's E Blue Ribbon Valley.

"grizzly giant" is 4,680 years old. The "father of the forest," which is now prostrate, was held to be much older than that.

Meconopsis Paniculata.—I noted this distinct species in the group arranged at the Temple by the Burton Hardy Plant Company, Christchurch. The term distinct is employed advisedly, since the whole beauty of a plant of this kind, whose flowers are arranged in a close columnar spike—the individuals appearing either sessile or on very short footstalks—is not, I think, revealed. M. Wallichii and M. integrifolia impress one by reason of their unique, imposing characteristics—so unique and imposing, indeed, that other species approximating to them in color, if inferior as garden plants, naturally suffer by comparison. It may be that the species now under notice, and which is yellow-flowered, would appear to greater advantage in the garden than in the exhibition tent.

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Potsdam, Holl.-Amer., 11 a. m., Hoboken Pier.  
Kaiser Wilhelm II., No. Ger. Lloyd, 10 a. m., Hoboken Pier.

July 12.

Carnegie, Cunard, Piers 54 and 56, North River.  
Adriatic, White Star, 3 p. m., Piers 60 and 61, North River.

FROM BALTIMORE, Chemnitz, No. Ger. Lloyd, 2 p. m., Pier 9, Locust Point.

July 13.

George Washington, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
Le Savois, French, 10 a. m., Pier 57, North River.

July 14.

FROM QUEBEC, Empress of Britain, Can. Pac., 3:30 p. m.  
FROM MONTREAL, Tunisian, Allan.

July 15.

Arable, White Star, 11 a. m., Piers 60 and 61, North River.  
St. Louis, Amer., 9:30 a. m., Pier 62, North River.

America, Ham.-Amer., 11 a. m., Hoboken Pier.  
Lapland, Red Star, 10 a. m., Pier 59, North River.  
Columbia, Anchor, 10 a. m., Pier 64, North River.

Koenig Albert, No. Ger. Lloyd, 11 a. m., Hoboken Pier.  
FROM BOSTON, Romanic, White Star, Charles-town Pier.

FROM PHILADELPHIA, Haverford, Amer., 10 a. m., Pier 54.  
FROM MONTREAL, Canada, White Star-Dom., daylight.

FROM MONTREAL, Scillian, Allan.  
FROM MONTREAL, Ansonia, Cunard.

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Brooklyn, N. Y.—Chas. Abrams.  
Brooklyn, N. Y.—J. V. Phillips, 272 Fulton St.  
Brooklyn, N. Y.—"Wilson," 3 and 5 Greene.  
Buffalo, N. Y.—S. A. Anderson, 440 Main.  
Buffalo, N. Y.—W. J. Palmer & Son, 394 Main.  
Cedar Rapids, Ia.—J. E. Lapes.  
Chicago—Ganger & Gormley.  
Chicago—A. Lange, 25 E. Madison St., Chicago.  
Chicago—Geo. Witthold Co., 737 Buckingham Pl.  
Cincinnati—Julius Baer, 138 E. Fourth St.  
Cleveland, O.—The Cleveland Cut Flower Co.  
Cleveland, O.—The J. M. Gasser Co.  
Colorado Springs, Colo.—Frank P. Crump.  
Dallas, Tex.—Texas Seed and Floral Co.  
Dayton, O.—Matthews, 16 N. 3rd St.  
Denver, Colo.—Daniels & Fisher.  
Denver, Colo.—The Park Floral Co.  
Detroit, Mich.—John Breitmeyer's Sons.  
Grand Rapids, Mich.—Ell Cross, 25 Monroe.  
Grand Rapids, Mich.—Grand Rapids Floral Co.  
Grand Rapids, Mich.—Henry Smith.  
Indianapolis—Bertermann Bros. Co., 241 Mass St.  
Kansas City—Geo. M. Kellogg & P. Co.  
Kansas City—Wm. L. Rock Flower Co.  
London, Eng.—Wm. & Susan.  
Louisville, Ky.—M. D. Reimers, 222 S. 4th Ave.  
Louisville, Ky.—Jacob Schulz, 550 S. 4th Ave.  
Louisville, Ky.—F. Walker & Co., 634 4th Ave.  
Milwaukee—C. C. Pollworth Co.  
Montreal—McKenna.  
Nashville, Tenn.—Gray Bros.  
New York—M. A. Bowe.  
New York—D. Clark's Sons, 253 Broadway.  
New York—Duff's, 44th and Madison Ave.  
New York—Hartmann's Rosary, 254 B'way.  
New York—Alex. McConnell, 611 5th Ave.  
New York—Malandros Bros., 2094 Broadway.  
New York—Myer, Florist, 609 Madison Ave.  
New York—J. H. Small & Sons, 1157 B'way.  
New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
Omaha, Neb.—Hess & Swoboda, Farnum St.  
Philadelphia—Robert Kliff, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
Poughkeepsie, N. Y.—The Saltford Flower Shop.  
San Francisco—J. B. Boland, 60 Kearney St.  
Rochester, N. Y.—J. B. Keller Sons.  
Rockford, Ill.—H. W. Buckbee.  
St. Louis—F. H. Weber, Boyle and Maryland.  
St. Louis—Young's, 1406 Olive St.  
St. Paul, Minn.—Holm & Olson.  
St. Paul, Minn.—L. L. May & Co.  
San Francisco—Podesta & Baldocchi.  
Terre Haute, Ind.—J. G. Heint & Son.  
Toledo, O.—Mrs. J. B. Freeman.  
Toronto, Can.—Dunlop's, 96 Yonge St.  
Washington—Blackstone, 14th and H. Sts.  
Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
Washington—Geo. C. Shaffer, 14th and I Sts.

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

**Alexander McConnell,**

611 Fifth Ave., cor. 49th Street.  
**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or otherwise receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
Western Union Code.

Mention the American Florist when writing.

Chicago.

**GANGER & GORMLEY**

187 N. State St.

HIGH GRADE OF FLOWERS

Phones: Central 5196  
2190 All orders are very carefully executed.

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer,**

== FLORIST ==

Phone 2416 Main 14th & Eye Sts., N. W.  
Write, Telegraph or Telephone!

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and vicinity on  
Telegraphic Order.

11 NORTH PEARL STREET.

Toronto, Can.

Canada's best known and most reliable florist

Only the  
Best  
**Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in  
**Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

Leonard H. Vaughan, Chicago, President;  
Marshall H. Durva, New York, First Vice-  
President; Edgar Gregory, Marblehead  
Mass., Second Vice-President; C. E. Kendel,  
Cleveland O., Secretary and Treasurer.  
Next annual convention, June, 1912.

GREEN FLY is reported as working unusual havoc on the California sweet pea crop.

JOSEPH BANCROFT & SON, Cedar Falls, Ia., report a long season and heavy work all the time.

MILWAUKEE, WIS.—A. Currie & Co. report that they are well satisfied with their first season's business.

COLORADO freesias are now offered in Europe at 50 francs per 100, making the price about \$10 to \$15 per 100 in this country.

DALLAS, TEX.—The new officers of the Texas Seed & Floral Co. are C. W. Robinson, president; E. P. Brown, secretary and treasurer. R. Nicholson, formerly president, being no longer connected with the firm. The new warehouse, a solid concrete, fire-proof building containing 60,000 square feet of floor space, will be completed September 15.

BOSTON, MASS.—The Thomas J. Grey Co. report a very largely increased business over last year, both in mail and counter trade. Doubtless this is in a measure may have been caused by the recent changes (consolidations) in the seed trade here and the connection of Messrs. Gleason and Barney (for so many years managers of the Schlegel & Fottler Co.) with this house.

LOUISVILLE, KY.—Wood, Stubbs & Co. say: "All the spring months have shown increase over that of last season. April was very slightly increased. March was not very much increased and May will probably run 100 per cent better. We are looking for a good season in June, also on cow peas, millet, sorghum and other summer crops as the hay crop is very short all over the country. Corn has not had a very good start. Oats have suffered from hot weather and pastures are burning up in many sections. Our own immediate locality has been seasonable with the exception that it has been very dry and farmers are complaining of the potato and onion crops."

### The Dutch Invasion.

The following firms are advertising Dutch bulbs in The Garden Magazine for July:

Ant. Roozen & Son, Overveen, Nr. Haarlem, Holland.

F. Hekker & Co., Overveen, Bei Haarlem, Holland.

Van Bourgondien Bros., Hillegom, Holland.

Gt. Van Waveren & Kruijff, Sasenheim, Holland.

### First Aeroplane Shipment Made to Burpee.

New York, June 28.—The first piece of merchandise ever delivered at sea by aeroplane just missed the upper deck of the giant White Star liner Olympic today as it steamed through the narrows, outward bound on its maiden eastward passage.



W. Atlee Burpee.

Retiring Pres. National Sweet Pea Society

W. Atlee Burpee, the well known seedsman of Philadelphia, had contracted for delivery of the package, before sailing, with a department store, which in turn engaged Thomas Sopwith, the English aviator who recently took up Henry W. Taft, the president's brother, for a sky ride.

With Richard R. Sinclair, secretary of the Aero Club, holding the package, Sopwith rose from the aviation grounds at Garden City and timed his flight to meet the liner in the narrows. While

Sopwith controlled the aeroplane, Sinclair dropped the package at the given signal. A wireless message reported it fell into the sea.

Mr. Burpee is accompanied on the voyage by E. W. King, of E. W. King & Co., Coggeshall, and E. J. Cullen, of Thomas Cullen & Sons, Witham, returning to England.

### Georgia Notes.

News comes from the collard seed growing section of Georgia that the crop is very short this season on account of the late cold, which, while the plants were in full bloom, cut them down, some patches being completely killed and the ground planted with other crops. The harvest will be from 75 to 80 per cent shorter than last season, and the prices on seed will likely range considerably higher than for several seasons past.

The growing of velvet beans for seed is becoming quite an industry in Florida, and for the past few years they have been grown successfully for seed in southwest Georgia, in Grady and Decatur counties. The acreage in and around Cairo, Ga., this season will run up into the hundreds.

M. B.

NEW YORK.—Loechner & Co., the new importing and exporting firm, report business fair. Burnett Bros. report: "Our business up to the present date we find shows a decided increase both in our general order and transient trade. This is especially gratifying considering crop failures and prevailing high prices. The shortage of certain crops caused considerable alarm during the early part of the season and we were very fortunate in being able to meet the demands of our increased business."

DES MOINES, IA.—The Iowa Seed Co., report as follows: "Taking the season as a whole, we have received a few more mail orders than in 1910 but they average much smaller, so that the total receipts from the mail order trade will be less than last year. On the other hand, the local trade has increased and it is still keeping up very nicely. The plant order trade by mail has been larger on everything except roses. The trade on both the small roses and the two-year-old dormant stock has decreased, being smaller, we believe, than for several years previous."

CLEVELAND, O.—A. C. Kendel's Seed Store reports as follows with regard to trade this season: "As anticipated when cold weather was prolonged so late at the beginning of the season, we have been experiencing the greatest rush of trade for a longer period than we can remember. The plant trade, which is reaching large proportions, has so closely followed the seed trade that some days it seemed to require the united efforts of the whole force working to the limit to take care of the business. We are still very busy and will be for two or three weeks so that the total as compared with other years can not be given as yet, but indications are that it will be equal to the best. The prospects are good for a bumper crop of fruit of all kinds in this section, which means a large sale of spraying materials."

Established 1810.

## Denaiffe & Son,

CARIGNAN, NORTHERN FRANCE,  
Growers on Contract  
Highest Grade Seeds.

Specialties: Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Parsley, Radish, Rutabaga, Turnip.  
Sole Agent for U. S. and Canada,  
CHARLES JOHNSON, Maricita, Pa.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED  
Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



**GIANT PANSY SEED****The KENILWORTH Strain**

must not be compared with the flimsy Trimardeau; it is much larger and of good substance. The immense flowers of  $\frac{3}{4}$  to 4 inches are of perfect form, every tint and shade is produced in striking combinations and endless variations of beautiful colors and markings; it is the result of years of selections. The stock plants are selected from many thousands of plants grown for market. It is rich with shades of brown, bronze, red, mahogany and numerous others. 1911 seed now ready light, medium or dark mixtures, 2,000 seeds, 50c; 5,000, \$1.00;  $\frac{1}{4}$  oz., \$1.25; oz., \$5.00.

**Pansies in Separate Colors**

Giant Adonis, beautiful light blue.  
Giant Emperor William, ultramarine blue.  
Giant King of the Blacks, coal black.  
Giant Beconsfield, violet, shading to white.  
Giant Golden Queen, yellow.  
Giant Golden, yellow, with dark center.  
Giant Masterpiece, beautifully ruffled with a wide range of rich colors.  
Giant White.  
Giant White, with large violet center.  
Giant Royal Purple, fine large flowers.  
Giant Orchard flowering, rare shades.  
Giant Bronze and copper shades.  
Giant Light Blue, delicate shades of blue.  
Giant Dark Blue, deep blue shade.  
Trade pkt., 25c; any 5 for \$1.00; any 11, \$2.00.

Rainbow is a blend of over 50 of the latest introduction of Giant Pansies of the most beautiful gorgeous colors: blotched, striped, veined, marbled, etc. With every \$1.00 worth of Pansy Seed I will send 1000 of Rainbow free, and with other amounts in like proportion.

**Chas. Frost**  
Kenilworth,  
N. J.

Mention the American Florist when writing

**Giant Pansies**

The finest large flowering varieties, critically selected. 6000 seeds, \$1.00;  $\frac{1}{2}$  packet, 50c; oz., \$2.50. A liberal extra packet of Giant Mme. Perret Pansy Seed added to every order for Pansy Seed.

**Chinese Primrose**, Finest grown, single and double mixed, 600 seeds, \$1.00;  $\frac{1}{2}$  packet, 50c; 1000 seeds \$1.50. Colors separate also.  
Cash. We can please you.

**JOHN F. RUPP**, Shiremanstown, Pa.

Mention the American Florist when writing

**Florists and Seedsmen, Scratch or Poultry Food**

Sell Your Own. We will make it for you, under your own brand, for \$28.00 per ton. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and "Square Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and found in grain and a pleasure to handle."  
**J. BOLDIGIANO & SON**, Importers and Wholesalers (Established for 92 years), Baltimore, Md.

Mention the American Florist when writing

**H. WREDE, LUNEBURG, GERMANY PANSY SEED**

178 First Prizes, the highest awards Chicago, Fair-Ledon, Bruxelles.  
1000 seeds, finest mixed, .25c  
1 oz., \$2.25

Price list on application. Cash with order.  
Mention the American Florist when writing

**GET RICH QUICK**

Grow Cold Storage Lilies.

A case of 200 Giant Lilies cost you \$14.00. Will produce in 10 weeks at least 40 dozen flowers. Figure out your profits. Get a case at once from  
**C. C. POLLWORTH CO.**, Milwaukee, Wis.  
Mention the American Florist when writing

**Forcing Bulbs**

Let us quote you

**French Romans**

**Narcissus P. W. Grand.**

**Freesias, (Ready)**

Purity, California, French.

Purity— $\frac{1}{2}$ -inch and up, \$25.00 per 1000;

$\frac{1}{4}$ -inch to  $\frac{1}{2}$ -inch, \$20.00 per 1000.

**L. Giganteum**

(We own them right)

We have qualities and prices to date

Write us if you are buyers.

**Vaughan's Seed Store,**

CHICAGO—NEW YORK

**S. M. Isbell & Co.,**

Jackson, Mich.

**CONTRACT SEED GROWERS,**

Bean, Cucumber, Tomato, Pea, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

**Waldo Rohnert**

GILROY, CAL.

Wholesale Seed Grower,

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

**Henry Fish Seed Co.**

**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Telegraph Code**

**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders  
**AMERICAN FLORIST CO., CHICAGO.**

**J.C. Robinson Seed Co.**

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

ESTABLISHED IN 1894.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,

37 East 19 St., bet. Broadway and 4th Ave., New York

Telephone 4235 Gramercy.

**Asparagus Plumosus Nanus SEED**

Fresh, true to name and highest germination. For Quick Sale

\$1.75 per 1000; 25,000 and over at \$1.50

**DRAKE POINT GREENHOUSES, YALAHUA, FLORIDA.**

**ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

**ROEMER'S Superb Prize PANSIES**

The finest strain of Pansies in the World. Introducer and Grower of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

**FRED. ROEMER**, Seed Grower, Quedlinberg, Germany.



# Choice Young Rose Stock

|                               |                   |                                         |                    |
|-------------------------------|-------------------|-----------------------------------------|--------------------|
| 500 Perles, 4-in. pots.....   | Per 100<br>\$8.00 | 3,000 Grafted Maryland, 3-in. pots..... | Per 100<br>\$10.00 |
| 1000 Perles, 2½-in. pots..... | 5.00              | 1,000 Grafted Pink Killarney, 3 in..... | 12.00              |

**Bassett & Washburn**  
Office and Store: 131 N. Wabash Ave., CHICAGO. Greenhouses: HINSDALE, ILL.

## THE CHRYSANTHEMUM MANUAL.

By ELMER D. SMITH.

NEW AND REVISED EDITION.

Price 40 Cents. Cash with order.

AMERICAN FLORIST CO  
440 S. Dearborn St., CHICAGO.

## SURPLUS STOCK

2500 Killarneys, 3 in.....4c  
1000 Am. Beauties, 3½ in.....7c  
1000 Asp. Plumosa Nanus, 4 and 5 in.....7c

All hae stock. Cash with order.

L. B. CODDINGTON, Murray Hill, N. J.

Richmond, Ind.

A fishing party from Richmond, Ind., consisting of James E. Jones, proprietor of the Advance Co., his son, Raymond, Fred H. Lemon, proprietor of Fred H. Lemon & Co., florists, and two other local friends, motored to Colon, Mich., on June 23. The drive was made on a very warm day and some tire trouble was experienced. Mr. Lemon, standing 6 feet 2 inches, wearing borrowed clothes for a fishing costume, represented a typical Ichabod Crane. Regardless of this, his fine disposition and may comical jokes kept the party in a merry condition at all times. Several fine fish were caught by the party, including a "billfish" or "saarfish" which was 42 inches long. The rushed condition of the two above named firms shortened the stay for the party and the return was made on June 27 without incident.

Fredericton, N. B.

Trade has been very good up to date. On June 22, the date of the coronation, the governor of the province gave a ball for which there was a good decoration. Several weddings have created a demand for flowers and there has been considerable funeral work, which has called for a good many white flowers. Peonies, carnations and lily of the valley sold exceptionally well. At this season of the year it is the funeral work that keeps the florist alive, for it now seems as though the floral piece, both with rich and poor, is as much a necessity as the casket. The crops are all looking well with the prospects of a bountiful harvest. There has been an unusual heavy demand for vegetable plants this year.

J. B.

## ROSES

### OWN ROOT

|                                                                                                      |                                  |
|------------------------------------------------------------------------------------------------------|----------------------------------|
| 4,000 Beauties, 4-in.....                                                                            | 12c                              |
| 3,000 each Brides, Maids, Richmond,                                                                  |                                  |
| 500 each Chatenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney and Golden Gate, 4-in.. at..... | \$10.00 per 100                  |
| 2,000 Pink Killarney, own root, 3-in., at.....                                                       | \$8.00 per 100; \$75.00 per 1000 |

### GRAFTED STOCK, 3-in.

|                                                                     |                 |
|---------------------------------------------------------------------|-----------------|
| 400 each White and Pink Killarney,                                  |                 |
| 200 each Richmond, Chatenay, Ivory, Golden Gate and Uncle John..... | \$15.00 per 100 |

CHARLES H. TOTTY, Madison, N. J.

## CHRYSANTHEMUMS

|                        | R. C.  | per 100 | 2½-in. per 100 |
|------------------------|--------|---------|----------------|
| Earliest White (.....) | \$2.00 | \$2.00  | \$3.00         |
| October Frost.....     | 2.50   | 20.00   | 3.00           |
| Robinson.....          | 2.50   | 20.00   | 3.00           |
| Alice Byron.....       | 2.50   | 20.00   | 3.00           |
| <b>YELLOW</b>          |        |         |                |
| Golden Glow.....       | 3.00   | 25.00   | 4.00           |
| Halliday.....          | 2.50   | 20.00   | 3.00           |
| <b>PINK</b>            |        |         |                |
| McNiece.....           | 2.50   | 20.00   | 3.00           |
| Maud Dean.....         | 2.50   | 20.00   | 3.00           |
| Dr. Enguehard.....     | 2.50   | 20.00   | 3.00           |
| <b>RED</b>             |        |         |                |
| Schrimpton.....        | 3.00   | 20.00   | 3.00           |
| Intensity.....         | 2.50   | 20.00   | 3.00           |

### POMPONS

|                    | YELLOW | 2½-in. per 100 |
|--------------------|--------|----------------|
| Baby, Zenobia..... | .....  | \$3.50         |
| <b>WHITE</b>       |        |                |
| Baby Margaret..... | .....  | 3.50           |

Quisola..... 4 00  
**POEHLMANN BROS. CO.**  
Morton Grove, Ill.

Mention the American Florist when writing.

## Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                               |                              |
|-----------------------------------------------|------------------------------|
| 3-inch.....                                   | \$8.00 per 100               |
| Asparagus Seedlings, prepaid, we have 200,000 |                              |
| Plumosa.....                                  | 90c per 100; \$7.50 per 1000 |
| Sprenger.....                                 | 60c per 100; \$5.00 per 1000 |

— Cash, please. —

### THE REESER PLANT COMPANY

Exclusively Wholesale Plantsmen. SPRINGFIELD, OHIO

## BAY TREES

### STANDARD or TREE SHAPED.

| Stems           | Crowns          | Each    | Pair    |
|-----------------|-----------------|---------|---------|
| 24 30 inch..... | 22 inch.....    | \$ 7.50 | \$14.00 |
| 38 44 inch..... | 22 24 inch..... | 6.50    | 12.00   |
| 43 46 inch..... | 24 inch.....    | 6.75    | 12.50   |
| 45 48 inch..... | 26 inch.....    | 7.50    | 14.00   |
| 45 48 inch..... | 28 inch.....    | 8.00    | 15.00   |
| 45 48 inch..... | 30 inch.....    | 10.00   | 18.00   |
| 46 54 inch..... | 40 inch.....    | 15.00   | 28.00   |

### PYRAMIDAL SHAPED.

| 4 inch, pot-grown started plants | Each    | Pair    |
|----------------------------------|---------|---------|
| eter at base.....                | \$10.00 | \$18.00 |

**Asparagus Plumosa Nanus**  
Seedlings..... per 100, \$1.50; per 1000, \$12.00

### Ampelopsis Veitchii

Each, 3½c; per doz., \$3.00; per 100 \$30.00.

### Primula Obconica Grandi.

Rosea and Mixed

| 2½ in. pots | Doz.   | 100    |
|-------------|--------|--------|
| .....       | \$0.60 | \$4.00 |

## ROSES

| Per doz. | 100    | 3½-in. Doz. | 100 |
|----------|--------|-------------|-----|
| .....    | \$1.75 | \$12.00     |     |

American Beauty..... 60 4 00 1.50 10 00  
Grass on Tepitz..... 1.00 6.00 2.00 15 00  
Kaiserin Augusta..... 1.75 12 00  
Victoria..... 60 4 00 1.50 10 00  
Killarney, white..... 1.00 6.00 2.00 15 00  
La France..... 1.75 12 00  
Mosella..... 50 54 00  
Mrs. Taft..... 2 10 15 00  
My Maryland..... 1.00 6.00 2.00 15 00

grafted  
Orleans..... 2.00 15 00  
Richmond..... 85 6.00 1.75 12 00  
White Baby..... 50 4 00

F. O. B. Western Springs.

**Vaughan's Seed Store,**  
31-33 W. Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK.

Greenhouses, Trial Grounds and Nurseries,  
Western Springs, Ill.

# PANSY SEED TIME



CHALLENGE PANSIES

|                                                           |                        |  |
|-----------------------------------------------------------|------------------------|--|
| Giant Pretiosa. Crimson-rose, white margin, violet blotch | Trade pkt. 1/4 oz. oz. |  |
| Giant White. Violet spot the largest white                | \$0.15 \$0.60 \$2.00   |  |
|                                                           | .10 .50 1.50           |  |

## PANSY—BODDINGTON'S "CHALLENGE"—ALL GIANTS

This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched etc., all carefully mixed in proportion—the finest that money can buy—the honest your money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

Trade pkt., 50c; 1/4-oz., 75c; 1/2-oz., \$1.50; 1-oz., \$2.75; 2-oz., \$5

### CHOICE VARIETIES OF GIANT PANSIES

|                                                                                                                                              | Trade pkt. 1/4 oz. | Oz.           |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|
| Giant Trimarceau. Improved mammoth-flowering and in good range of color                                                                      | \$0.15             | \$0.50 \$1.50 |
| Giant Masterpiece (Fruited Pansy). Petals beautifully waved, exquisite colors                                                                | .15                | .85 3.00      |
| Cassier's Giant. A fine strain of large highly colored flowers                                                                               | .15                | .85 3.00      |
| Giant Bugnot's Stained. Exhibition. Extra choice flowers, large and plenty of light colors                                                   | .50                |               |
| Giant Madame Perret. A recent introduction, by a celebrated French specialist; of strong, free growth. Especially rich in red shades         | .15                | .85 3.00      |
| Giant Fire King. Brilliant reddish yellow, with large brown eyes                                                                             | .25                | 1.00 3.00     |
| Giant Lord Beaconsfield. Deep purple violet, top petals light blue                                                                           | .15                | .50 1.50      |
| Giant Canary Bird. A five-spotted yellow variety. Ground color is a deep golden yellow and each petal is marked with a dark blotch           | .15                | .85 3.00      |
| Giant Orchideaceflora, or orchid-flowered Pansy. Splendid variety. Beautiful shades of pink, lilac, orange, rose, terra cotta, chamoise etc. | .25                | 1.25 4.00     |
| Giant Emperor William. Ultramarine blue, purple eye                                                                                          | .10                | .50 1.50      |
| Giant Golden Queen. Bright yellow, no eye                                                                                                    | .15                | .60 2.00      |
| Giant Golden Yellow. Yellow, brown eye                                                                                                       | .25                | .75 2.50      |
| Giant King of the Blacks (Faust). Black                                                                                                      | .15                | .60 2.00      |
| Giant President McKinley. Golden yellow, large dark blotch                                                                                   | .15                | .85 3.00      |
| Giant Prince Blismark. Yellowish bronze, dark eye                                                                                            | .25                | .75 2.50      |
| Giant Rosy Lilac                                                                                                                             | .15                | .60 2.00      |

**ARTHUR T. BODDINGTON, Seedsman,** 342 W. 14th Street  
NEW YORK

### The Panama-California Exposition.

The exposition to be held in San Diego, Calif., in 1915, promises to be exceptionally interesting and valuable. Few persons have any realization of the vast work the government has been doing in recent years in increasing the value of the products of the soil. It has been spending millions,—yes, hundreds of millions of dollars, in irrigating arid lands, in reclaiming lands that had been classed as worthless, in conserving the forests and in showing how the best could be made of the land by farming, stockraising, beekeeping, taking care of the forests and in re-foresting burned over or waste land.

The Panama-California Exposition, to be held in San Diego to celebrate the opening of the Panama canal, will run a full year, as the equable climate makes this possible. The Panama-Pacific Exposition, to be held in San Francisco, also in 1915, will be kept open six months. The two expositions will be supplementary to each other, but the San Diego exposition will have many features never before seen in such a show and it promises to be equally as interesting in its way as the exposition by the Golden Gate. San Diego has about \$2,500,000 to spend on its exposition independent of county aid or the expenditures of foreign countries. The latter will probably include the Latin-American republics, and possibly China and Japan. The style of architecture will be wholly of the mission, or Spanish renaissance type. All buildings will be permanent.

The site of the exposition is Balboa Park, in the center of San Diego, containing 1,400 acres. In it will be the finest exhibit of floriculture and arboriculture ever seen in this part of the world. Millions of plants and trees are now being propagated for this purpose,

### For Fall Planting

Lilium tenuifolium, Hansonii, Davuricum, Henryi, Elegans and Wallacei; Daphne cneorum, Delphinium formosum, Syringa japonica, German and Japan Iris. Fall list issued in August.

E. S. MILLER, Wading River, N. Y.

### Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

Nic. Zweifel, North Milwaukee, Wisconsin.

## CARNATIONS

F. DORNER & SONS CO.

La Fayette, Indiana.

and eminent landscape gardeners are engaged in the work of providing a beautiful setting for this unique exposition.

GREENWICH, CONN.—Robert McMillen, who has been reported as seriously ill, shows improvement with promise of gradual return to his former good health.

BEVERLY, N. J.—John Cook is making extensive improvements to his greenhouses at Church and Wilmerton streets this summer.

## PANSIES

### Brown's Improved Giant Prize Pansy Seed

Finest Strain in the Market.  
1911 Crop, Mixed Seed:

|         |        |         |         |
|---------|--------|---------|---------|
| 1/4 oz. | \$1 00 | 1 oz.   | \$5 00  |
| 1/2 oz. | 1 50   | 1/4 lb. | 14 00   |
| 1/2 oz. | 2 50   | 1/2 lb. | 25 00   |
|         | 1 lb.  |         | \$50 00 |

Separate colors: Giant Yellow, Giant White, Lord Beaconsfield, Emperor William, same price. Cash with order.

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Carnation Specialists

JOLIET, ILL.

### FROM SUNNY SPAIN

**Specialties:** Onions, Peppers, Early Tomato, Cauliflower, Beans, Egg varieties, Melons, Celery, etc. Plants.  
SEEDS: Grown on contract for the United States Seedsmen by

Federico C. Varela, Teneriffe, Canary Islands; requested: I do not supply growers direct.

**Always** mention The American Florist when you order stock. 1911



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston Mass., Vice President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Greenhouse Culture.

Those growers who carry heavy crops of cucumbers and tomatoes in July will find some shade a benefit. While both are heat-loving subjects, a clear greenhouse roof is too much for them in mid-summer. Cucumbers especially are not so fond of high temperatures as some suppose; in fact the best results are obtained in very moderate regions. The writer remembers the finest field of cucumbers he ever saw was situated at the foot of a series of hills running from northwest to southeast, with the result that the noon sun crept behind the hills, saving the enormous afternoon exposure. Air slaked lime sprayed on is most generally employed on large greenhouses as whitening and lead are rather expensive. If lime is used it must be air slaked as any fresh lime will stay there and cause no end of trouble in the fall.

Many crops of cucumbers are cut short by insufficient water, as a heavy growth of vines requires enormous water supply in hot weather. There is only one way for inexperienced parties to find the true condition and that is to dig in here and there and find how deep their waterings have gone.

Black rot of tomatoes is generally caused by lack of water at the roots, hence the name dry rot. While we do not want much water on tomatoes early in their growth, they need plenty when fruit is under way.

MARKETMAN.

### The Melon Aphis.

The most generally injurious insect pest to the cucumber and melon patch in Nebraska and adjoining states is the aphis or plant louse, and the Agricultural Experiment Station of Nebraska has issued a bulletin entitled "How to Combat the Melon Aphis." This insect attacks the plants about the middle of June and collects on the under side of the leaf and by sucking the sap cause the leaves to curl, discolor, shrivel and die. Whole fields are frequently thus destroyed within a week. While the aphis has a large number of natural enemies such as lady bugs and flies, yet artificial control is necessary, which includes spraying and fumigation. Spraying can be done by the commercial tobacco extract "Black Leaf," diluted one part to fifty parts water, or a soap-and-tobacco wash prepared by dissolving one and one-half pounds of soap in one-half gallon of water, adding one-half gallon of strong tobacco decoction, which can be made by steeping tobacco stems in water until the decoction becomes the color of strong coffee. In spraying care must be taken that the under side of the leaf is covered with the liquid.

Fumigation is done by carbon bisulphide or tobacco. The small grower can invert tubs, buckets, pails, tight

boxes, etc., over the young infested plants, and place inside about a teaspoonful of bi-sulphide of carbon to each cubic foot of space inside the vessel, fitting the vessel tightly to the ground. For larger growers it is much more satisfactory to construct light wooden frames of 2x3/4-inch lumber, four feet by six feet and one foot high, strengthened with cross pieces and covered with cheap, closely-woven muslin, which is better soaked in linseed oil after fitting to the frame, the cloth being allowed to lap several inches at the bottom all the way around. These frames are placed over the infested plants and a sheet of Tobak-lime, Nicofume or one of the other fumigating sheets torn in parts and put into a tin can near a corner and lighted with a fuse or taper and allowed to smoulder. The laps and sides are then covered with dirt to prevent the escape of the fumes. Ten or fifteen minutes are required to kill the aphids when the frame can be removed to another section and the operation repeated, one man can handle about ten frames. This work should be done on still days when the vines are damp in the morning.

### Potato Formulas.

The Maine Agricultural Experiment Station advises the use of the following formulas in killing potato bugs and controlling potato blights:

Arsenate of soda, stock solution, 1 quart.

Bordeaux mixture, 50 gallons.

Arsenate of soda stock solution is prepared as follows: Place two pounds of white arsenic and eight pounds of sal soda in two gallons of water. Boil until dissolved and add water to make up to original volume. Store in well stoppered bottles or jugs with a poison label on them. This is a much cheaper poison than Paris green to use with Bordeaux and it remains in suspension better, but it is not safe to use it alone with lime. White arsenic costs less per pound than Paris green and will go twice as far in that two gallons of soda stock solution will do as much execution as four pounds of Paris green. The Bordeaux mixture for

blights is made according to the two following formulas.

|                                            |            |
|--------------------------------------------|------------|
| Copper Sulphate .....                      | 5 pounds   |
| Fresh lime (unslaked) ..                   | 5 pounds   |
| Water .....                                | 50 gallons |
| Or—                                        |            |
| Copper Sulphate .....                      | 5 pounds   |
| Hydrated lime (prepared or ground lime) .. | 6-7 pounds |
| Water .....                                | 50 gallons |

The copper sulphate is dissolved and the lime slaked in separate vessels. A wooden or earthen vessel must be used for the copper sulphate as it corrodes iron. Each solution should then be diluted with half the water and then the cold, dilute sulphate and milk of lime solution quickly united and thoroughly mixed. Never pour concentrated solutions together. If impracticable to pour the two dilute solutions into the sprayer or mixing tank simultaneously, the dilute copper sulphate solution should be first placed in the tank and the dilute milk of lime solution quickly added with constant stirring. In both formulas fifty gallons is the capacity of an ordinary oil barrel.



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### Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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We will mail on application sample of

### Niagara Pure Culture Spawn

Direct or Transfer, or both.

that you may be your own judge of quality. We will quote you most attractive figures, both to large and small growers.

Our quality speaks for itself and is guaranteed

Niagara Mushroom & Spawn Co., Lockport, N. Y.

## Success In Market Gardening

REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

**AMERICAN FLORIST CO.,**  
440 S. Dearborn St., Chicago.

## VEGETABLE PLANTS.

Cabbage, Wakefield. All Head, Succession and other varieties \$1.00 per 1000; 10,000 and over 85¢ per 1000.  
Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1.00 per 1000; 10,000 and over 85¢ per 1000.  
Beet, Crosby, Egyptian and Eclipse, \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

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## HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1877.)

**Specialties:** Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Assters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Fansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbena, Zinnias, etc. Catalogue free on application.

**HENRY METTE'S TRIUMPH OF THE GIANT FANSIES** (mixed) and most beautiful in the world, \$5.00 per oz., \$1.50 per 1/4 oz., 75¢ per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.  
**I ALSO GROW LARGELY SEEDS ON CONTRACT.**

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**Home Grown, Strong, Clean and Well Established**

We grow all our Kentias, above 6-in. sizes, in cedar tubs made especially for us, avoiding breakage of pots in shipments and giving better satisfaction to our customers; and while they cost us a great deal more than pots, we sell the plants for the same money. With more glass, our stock is much larger than ever before.

When in Philadelphia, call and see us before placing your order.

## Areca Lutescens

|                                                 | Each   |
|-------------------------------------------------|--------|
| 3 plants, 8-in. pot, 42 in. high.....           | \$3.00 |
| 4 to 5 plants, 9-in. cedar tubs, 4 ft. high.... | 5.00   |
| 4 to 5 plants, 9-in. " " 5 ft. high.....        | 6.00   |

## Kentia Belmoreana

|                                   | Each   | Doz.    |
|-----------------------------------|--------|---------|
| 7-in. cedar tubs 40-in. high..... | \$3.00 | \$36.00 |
| 9-in. " " 42 in. " ".....         | 4.00   | 48.00   |
| 6-in. pots, 22 to 24 in. " "..... | 1.00   | 12.00   |
| 6-in. " " 24 to 26 in. " ".....   | 1.25   | 15.00   |
| 6-in. " " 26 to 28 in. " ".....   | 1.50   | 18.00   |

## Kentia Forsteriana

|                                                   | Each   |
|---------------------------------------------------|--------|
| Made Up                                           |        |
| 4 plants in 9-in. cedar tubs, 42 to 48 in. high.. | \$4.00 |

## Cibotium Scheidel

|                                     | Each   |
|-------------------------------------|--------|
| 9-in. cedar tubs, 4 ft. spread..... | \$5.00 |

**Joseph Heacock Company,**

**Wyncote, Pa.** Railway Station, Jenkintown.

## EXTRA FINE Grafted Rose Plants

|                                     | 3 1/2-inch | Per 1000 |
|-------------------------------------|------------|----------|
| White Killarney .....               |            | \$120.00 |
| Pink Killarney.....                 |            | 120.00   |
| Richmond.....                       |            | 120.00   |
| Perles.....                         |            | 120.00   |
| Maryland, own root.....             |            | 75.00    |
| My Maryland, Grafted, 2 1/2-in..... |            | 80.00    |
| Beauties, 2-in.....                 |            | 50.00    |
| " " 3-in.....                       |            | 70.00    |
| Perles, own root.....               |            | 75.00    |
| Stevia, 2 1/2-in.....               | per 100,   | 2.50     |
| Sprenger, 3 1/2-in.....             | per 1000,  | 45.00    |

**POEHLMANN BROS. CO.,**  
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## 75,000 FIELD-GROWN Carnations

|                        | Per 100 | 1000    |
|------------------------|---------|---------|
| White Enchantress..... | \$7.00  | \$65.00 |
| K. P. Enchantress..... | 6.00    | 60.00   |
| L. P. Enchantress..... | 6.10    | 60.00   |
| White Perfection.....  | 7.00    | 60.00   |
| Beacon.....            | 7.00    | 65.00   |
| O. P. Bassett.....     | 7.00    | 60.00   |
| Winona.....            | 6.00    | 60.00   |
| Robert Craig.....      | 6.00    | 60.00   |
| Patton.....            | 6.00    | 60.00   |
| Ruby.....              | 6.00    | 60.00   |
| Mrs. C. W. Ward.....   | 8.00    | 75.00   |
| Alma Ward.....         | 10.00   | 95.00   |
| Dorothy Gordon.....    | 8.00    | 75.00   |

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Cash with order or C. O. D.

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2 1/2-in. \$6 per 100; \$50 per 1000  
4-in. \$15 per 100

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## ROSES It Will Pay You to Buy

Killarney, White Killarney,

Bride, Bridesmaid.

Selected grafted plants, ready for shipment, \$15.00 per 100; \$120.00 per 1000.

Prince de Bulgarie

The money maker for summer, fall and spring. Per 1000 1000  
Grafted.....\$20.00 \$180.00  
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Double Pink Killarney, Mrs. Aaron Ward, Radiance and Melody.

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The variety that will increase your revenue. It will make more green to the square foot than anything you could grow. Selected plants, from 2 1/2-in. pots, ready for larger pots or for planting, \$15.00 per 1000.

## ASPARAGUS SPRENGERI

For planting, 4-in. pots, \$10.00 per 100; 3-in. pots, \$8.00 per 100, \$50.00 per 1000

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## HYDRANGAEA Souvenir de Claire

The New Hydrangea of Begonia Lorraine Shade.

Strong plants from 3 inch pots, for growing on.

Price. \$5.00 per 100; \$50.00 per 1000.

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|                   | 2 1/2 in. | 3 in.   | 4 in.   | 5 in.   | 6 in.   | 7 in.   | 8 in.    |
|-------------------|-----------|---------|---------|---------|---------|---------|----------|
| Bostons.....      | \$5.00    | \$10.00 | \$15.00 | \$25.00 | \$40.00 | \$60.00 | \$100.00 |
| Whitman.....      | 6.00      | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Amerholt.....     | 6.00      | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Pierston.....     |           |         | 35.00   | 35.00   |         |         |          |
| Superbissima..... | 3.50      | 8.00    | 15.00   | 25.00   | 75.00   | 100.00  |          |
| Plumous.....      | 2.50      | 5.00    | 12.50   | 25.00   | 50.00   |         |          |
| Sprenger.....     | 5.00      | 15.00   | 25.00   |         |         |         |          |
| Maiden Hair.....  | 5.00      |         |         |         |         |         |          |
| Small Ferns.....  | 5.00      |         |         |         |         |         |          |

**GEO. A. KÜHL, Wholesale Florist, 423 Main Street, Peoria, Ill.**

## Poinsettias

From 2 1/2-in. pots. Strong, well established plants. Ready July 1. \$5.00 per 100; \$45.00 per 1000.

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## THE Storrs & Harrison Co.

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## The Nursery Trade

### American Association of Nurserymen

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W. H. Wyman, North Abington, Mass., Vice-  
President; John Hall, Rochester, N. Y., Sec'y.  
Thirty-seventh annual convention to be  
held at Boston, Mass., 1912.

### Conifers in the Arnold Arboretum. VI.

*Thuja occidentalis*, the common arborvitae, has been remarkably prolific in producing a large number of distinct garden forms. The common typical form is by no means a conifer to be neglected. It grows from 60-70 feet tall and generally forms a narrow pyramidal outline, and when grown under conditions where it is happy and robust it is a good garden ornament. A number of years since there appeared in Canada a serious insect pest in the form of a small caterpillar, known as the White Cedar Borer, which lived out its cycle and bored in the young twigs of the arborvitae and eventually caused its death. Much havoc was caused in natural plantations of arborvitae in Canada from this borer. Its presence was detected in Western New York amongst natural plantations a few years since, but lately it seems to have disappeared, probably attacked by some parasite. There is no appearance of this pest in the Arnold Arboretum. There is a large number of the various garden forms assembled together, and they are in excellent health and form. *Vervenaena compacta*, *globosa*, *minima*, *Hoveyi*, *Spathi*, *filicoides*, *aurea*, *pyramidalis*, *Hudsonica* and *Hoopesi* are amongst some of the varieties in the collection. The dwarf forms of the common arborvitae are most excellent garden plants, and in gardens where space is much restricted, and where a few small conifers are much desired, the dwarf arborvitae are just the thing. They must not be planted, however, where dogs are permitted to assemble as most gardeners are aware that dogs soon disfigure arborvitae if their proximity is allowed.

*Chamaecyparis obtusa* and *C. pisifera*, usually known in most gardens and nurseries under the generic name of *retinospora*, are beautiful Japanese evergreens whilst they are young at least. Usually when they approach adult age in this country they look unhappy. They seem to do much better in the Arnold Arboretum than they do in Western New York. There is a very interesting collection of the various forms of the two species in the arboretum. These garden varieties of the Japanese *Chamaecyparis* are interesting studies, because a number of the forms have foliage so positively distinct from the types, that if their origins were not known and proven, a horticulturist not acquainted with them would never suspect their varietal origins. For example, who would suspect seeing it for the first time that *squarrosa* was a variety of *Chamaecyparis pisifera*? Perhaps the two most beautiful varieties for garden decoration are *squarrosa* and *filifera*, both forms of *C. pisifera*.

Lawson's Cypress, *Chamaecyparis Lawsoniana*, one of the most lovely of conifers indigenous to the Pacific coast, does not appear to do well in the arboretum or around Boston. Lawson's cypress is another evergreen that has been remarkably versatile in producing a large number of distinct garden varieties, and these are highly ornamental in the British islands and other parts of Europe. Last September, when walking through the Highland Park pinetum with Walter Hunnewell and other members of his family, of Wellesley, Mass., he was much surprised to see a healthy individual of Lawson's cypress about 14 feet tall. His surprise, however, was much greater when I showed him a specimen of Lawson's

cypress over 50 feet high in the Ellwanger & Barry vineyard in a sheltered place, and planted there between fifty and sixty years ago by the late George Ellwanger. I am strongly inclined to believe, however, that this individual in the Ellwanger & Barry vineyard must be a particularly hardy form because the fierce winter of 1903-1904 did not appear to injure it in the least degree.

*Thuyopsis dolabrata*, a beautiful evergreen from Japan, does well in the arboretum, and it does remarkably well at Wellesley. It is somewhat remarkable that this conifer refuses to be comforted or coaxed into a healthy condition at Rochester, and I have not yet come across a good healthy plant anywhere in Western New York. This is one of the vagaries of plant cultivation that is hard to explain. Because this is not a question of hardiness. There are some climatic or soil conditions in Western New York that do not suit it.

JOHN DUNBAR.

## Fruit Trees Apple and Peach. Large Stock.

Fine trees. Prices reasonable.

MITCHELL'S NURSERY, Beverly, Ohio

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Price List Free on Demand.



## Arbor Vitæ

(Thuja Occidentalis.)

A splendid stock of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co., MORRISVILLE, PA.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

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# Dahlia Dorothy Peacock

Representing the Highest Development in Dahlias

Flower larger, finer form, better color and every way far superior to the celebrated English Dahlia, Mrs. Gladstone. Does better in America than Gladstone in England,

### Beautiful, Pure Pink

Long stems, hardy, free bloomer, full to the center. Send for catalogue. Cut shows we know how to propagate, as well as the vigor of this new Dahlia.

## Peacock Dahlia Farms

P. O.: Berlin, N. J. Williamstown Junction, N. J.



PLANT OF DOROTHY PEACOCK.

Notice the heavy vigor of plant, and eye at base of young tubers.

# Vaughan's Pansies

## And Other Flower Seeds For Summer Sowing.:::

**10 Per Cent Special Cash Discount**

On orders over \$2.00 for Flower Seeds, if the cash is or closed 10 per cent. The discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.



### CALCEOLARIA HYBRIDA

#### Extra Choice Mixed

Our mixture is composed of the choicest selection of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1,000 seeds), \$0.50, 3 trade pkts. for \$1.40.

### GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and includes such choice new sorts as Empress William and Frederick, Princess Louise, Delancey, etc., and we know that better seed is not to be had at any price. Trade pkt. (1,000 seeds), \$0.50; 3 trade pkts. for \$1.40.

### MIGNONETTE

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower. The plants grow from two to three feet high, and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Trade pkt. (about 1,000 seeds), 50c; per oz., \$7.00; 1/4 oz., \$1.00.

### VAUGHAN'S INTERNATIONAL PRIMULA MIXTURE

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone.

Trade pkt. of 350 seeds, 50c; 5 trade pkts., \$2.00; per 1-16 oz., \$3.25.

### ASPARAGUS SPRENGERI

100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Our list of "Seeds for Summer Sowing," now ready; if you have not received a copy, please write for same.

31-33 W. Randolph St.,  
CHICAGO

## VAUGHAN'S SEED STORE

Greenhouses, Trial Grounds and Nurseries: Western Springs, Illinois.

25 Barclay St.,  
NEW YORK

### VAUGHAN'S GIANT PANSIES

#### Vaughan's Cut Flower Mixture

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Pansies are as easily grown as violets, require less care and bring better returns. Trade pkt. 50c, 1/4 oz. \$1.00, 1/4 oz. \$2.00, oz. \$8.00.

#### Vaughan's "Giant Pansy Mixture"

Embraces besides all the separate shades and colors, five special strains not listed elsewhere, and which can only be had in this and our International mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Tricardeal, the splendid Cassier strain. Trade pkt. 25c, 1/4 oz. 60c, oz. \$4.00, 1/4 lb. \$14.00.

### Vaughan's International Pansies

#### The World's Best

This is one of the specialties which has established and held the reputation of Vaughan's Flower Seeds, and this is one which we maintain most alone and not alone at a color of the 1,000 rate, germination. You are beginning right in Pansy growing when you start with Vaughan's International Mixture. Trade pkt. 50c, 1/4 oz. \$1.50, 1/2 oz. \$5.00, oz. \$10.00.

### CINERARIA

#### Vaughan's Columbian Mixture

It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers, and perfect habit of plant. Trade pkt. (500 seeds), 50c; 3 trade pkts., \$1.40.

### Vaughan's Giant-Flowered Cyclamen

Pure White (Mont Blanc); Dark Crimson, Rosa von Marienthal. "Duybreck" pink; Dark Rose, White with Crimson Eye. Per 100 seeds, 75c; 1,000 seeds, \$5.00; 250 seeds of a color at the 1,000 rate. Giant-Flowered Cyclamen, extra choice mixed. Per 100 seeds, \$0.50, 250 seeds, \$1.15, 1,000 seeds, \$4.50, 5,000 seeds, \$20.00. This mixture is made up from the above separate colors. New Salmon (Glory of Wandsbeck). Per 100 seeds, \$1.35; 250 seeds, \$2.85; 1,000 seeds, \$10.50.

### Giant Orchid-Flowered Cyclamen

These are exceptionally fine, with large flowers that are fringed and fringed in wonderful fashion. Pure White, Red, Pink, White with Carmine Eye, and Lilac Colored.

Each, per 100 seeds, \$1.00; per 1,000 seeds, \$8.00. Giant Orchid-Flowered Cyclamen, in choicest mixture: 25 seeds, \$0.25; 100 seeds, 85c; 1,000 seeds, \$7.00.

### English Grown Giant Cyclamen

Price, 100 Seeds, \$1.00; 1,000 Seeds, \$8.00.

Princess May, Pale pink.  
\*Princess of Wales, Giganteum variety, Pink.  
Mauve Queen, Giganteum variety, Mauve.  
\*Duke of Connaught, Giganteum variety, Purplish crimson.  
\*Duke of Fife, Giganteum variety, Dark rose.  
Salmon Queen, New extra choice color.  
Rosy Morn, Giganteum variety, Delicate rose color, Claret base.  
Picturatum, Light rose tinted, with claret base.  
\*Grandissima alba, The largest giant white flower.  
Excelsior, White, with red base. Extra large flowers.

### SMILAX

Trade Pkt., 10c; oz., 25c; 1/4 lb., 90c; lb., \$3.00.

### Insects in German Vineyards.

The wine growers of Germany are beginning to realize that they themselves are largely responsible for the failure of the wine crops of the past few years, states Walter Schumann, late American Consul at Mainz. Year by year the various insects so harmful to the vines have increased alarmingly, and great wealth has been destroyed by these voracious pests. All efforts to combat this plague have availed nothing, for the wine growers, in their eagerness to turn every square foot of land available into vineyards, and in their fear that even the smallest bush or hedge might deprive their vines of the much-needed sunshine, have for years rooted out every bush, hedge, and tree that was any-

where near a vineyard, and thus in their war against the insects have driven away their greatest helpmates, the insectivorous birds, by depriving them of opportunities to nest.

The shortsightedness of the wine growers has been brought home to them by the endeavors of Baron von Berlepsch to combat the insect plague on his large domains by giving every variety of insectivorous birds the opportunity to nest. His success has been so marked and the results obtained so satisfactory that the wine growers have now awakened to the fact that their only recourse is in attracting insectivorous birds to their vineyards. Under the auspices of the local authorities they have set about methodically to provide nesting oppor-

tunities by planting bushes and hedges and hanging up nesting boxes in every available place. At the invitation of the authorities, Baron von Berlepsch recently made an inspection of the wine-growing districts of Germany. He approved the steps taken and gives further valuable hints as to the best methods of attracting the variety of birds needed.

Although the work of providing nesting opportunities has only been commenced this year, and it will require a number of years before the balance of nature has been restored and the harmful insects have been checked, nevertheless beneficial results have already been recorded, and it is hoped that within a few years the vineyards will be comparatively free from insect pests.



## THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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CHICAGO.

### Tacoma Rose Show.

The first rose show of the Tacoma Rose Society was held June 25 and was a great success. This was made possible by the efforts of the local florists whose displays added the necessary touches to make it one of the finest rose shows ever held on the Pacific coast. Tourists who have seen all the rose shows and festivals held on the coast within a year have given public expression to the remark, "Tacoma beats them all."

The large floor space in the armory was filled with tables of flowers and the estimate placed on the number of cut flowers displayed was 50,000, nearly all being roses. Probably over 200 varieties were shown and practically every flower was a good one. The Rose Society has selected "Lyon" rose as Tacoma's official flower. There were nearly 400 vases of Mad. Caroline Testout exhibited and to award the prizes for the six and 12 best the wisdom of several Solomons must have been needed.

The display by the city parks system was very creditable. The following local florists made exhibits and were awarded honorable mention: The decorated dinner tables shown by Mrs. Watson and Mrs. Hayden were especially fine, Mrs. Watson's display being a decoration in pink, and that of Mrs. Hayden was in lavender. Honorable mention was awarded Smith Floral Co., H. H. Hinze, H. W. Manike, Northwestern Floral Co., Puget Sound Fern & Evergreen Co., H. Ben-thins, B. Britten, L. Tschuncko Co., The California Florists and city parks. E. J. Bernerche of Olympia made a beautiful display of roses, including several newer varieties and also many beautiful peonies. Special mention was given to his display. It was estimated that there were 5,000 paid admissions, so the society has a good surplus for use another season.

A display made from the grounds of the Northern Pacific Hospital was very much admired for the quality of flowers and the great variety. Nowhere in the United States can finer roses be grown so easily as about

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Richmond, American Beauty,

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Chateau,

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

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..... per 1000, \$17.50 ..... 2.00

Pansy Seed, Giant-flowering ..... oz., \$4.00.

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CHICAGO.

here for size, form, color and quality, and we look forward with anticipation to our next rose shows and praise the efforts put forth by those who worked so energetically and faithfully for the success of this one. The good advertising so generously given by the daily papers is also to be praised.

Following are the awards: Best merchants' window display of roses, Rhodes Bros.; best six pink roses, Miss McCoshe; best 12 Frau Carl Druschki, Mrs. F. C. Miller; best six white, Mrs. H. H. Cove; best six red, Mrs. L. F. Grant; grand prize, best 12 roses, one variety, Mrs. S. F. Euillard. Special mention was awarded the Bryant, Horace Mann, Grant and Sherman schools. S. L. H.

GRAND RAPIDS, MICH.—Greenhouse building is active; R. Yonkers is building two houses 34x275 feet, Henry Smith is building two new houses and Peter Blanksma is rebuilding three of his houses with a view of making his plant thoroughly modern.

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### "And Our Tears, Illinois!"

"How is the good roads movement progressing in your state?" inquired the traveler.

"Why—er," hesitatingly answered the native of the Sucker state, "it hasn't quite reached the stage of a movement yet, I believe; it's what you might almost call a promising—ah—impulse."

### Back to the Land.

Marks—"Bings has trained his cat to bring his slippers."

Parks—"That's nothing. I know a writer on horticulture who has trained cut worms to sharpen his pencil."—Boston Transcript.

**Clematis**, large flowering varieties, 2-year-old plants, \$3.00 per doz.

**Clematis Paniculata**, strong, from 4 in. pots, \$10.00 per 100; 3 in. pots, \$5.00 per 100.

**Honeysuckle**, Halliana, Woodbine and Japanese variegated, 4 in. pots, \$10.00 per 100.

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**Stock from 3-in pots**, \$4.00 per 100: **Salvia**, Bonfire and Zurich.

**Ampelopsis Vetchii**, Hardy English Ivy; **Passion Vine**, **Acalypha**, **Stevias**, Dwarf and Tall and Variegated.

**Coleus**, Verschaffeltii and Golden Bedder; **Alternanthera**, red and yellow; **Achyranthes**, 2 varieties all 2½ in. pots, \$2.00 per 100.

**Asparagus Plumosus**, 2 in. pots, \$2.00 per 100.

**Asparagus Sprengeri**, 2½ in. pots, \$3.00 per 100; 3 in. pots, \$4.00 per 100.

Seedlings from flats, \$1.00 per 100: **Dracaena Indivisa** and **Latifolia**; **Smilax**.

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**Dracaena Ind.**, 3 in., \$5.00; 4 in., \$10.00; 5 in. \$25.00 per 100.

**Asparagus Sprengeri**, 2 in., \$2.50 per 100.

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Per 100  
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**Scholzeli**, 4 in., 20c.

Large 3 inch Boston, Whitman, Scottii, 15c to 20c.

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All plants must travel at purchaser's risk.

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| Drake Point, Chas.....1257            | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Drer H A.....111, 1272                | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Dunlop John H.....1255                | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Eagle Machine Works.....1273          | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Edwards Foldy & Box.....1273          | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Eisele.....1265                       | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Elliott W H.....1248                  | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Emmans Geo M.....1261                 | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Eyres H G.....1255                    | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Fish Henry Seed Co.....1257           | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Fleming Hall Assn.....1274            | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Foley Mig Co.....1251                 | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Ford M C.....1251                     | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Ford Wm P.....1251                    | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Fotter Fiske Rawson Co.....111        | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Freeman Mrs J B.....1255              | Holm & Olson.....1258        |                                   |                                  |                              |                      |
| Froment H E.....1251                  | Holm & Olson.....1258        |                                   |                                  |                              |                      |

## Gold Letters

Gummed Gold, Silver and Purple Letters for inscriptions on Floral Designs. Best and Cheapest on the Market. Send for Samples and Prices.

J. Lichtenberger, 1564 Ave. A. NEW YORK Telephone Lenox 5644.

## THE STANDARD

## VENTILATING MACHINERY

The old reliable machines are the most powerful, least complicated of any on the market

## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPAID CO., Youngstown, Ohio

## IT IS NOT...

what you pay for the advertisement but what the advertisement pays you. It pays to advertise in the American Florist.

## Greenhouse Heating

Is a Perplexing Question to all Florists

Except Those Using—

## Morehead Steam Traps

1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,

1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

1 The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

1 By way of getting acquainted, just send your name and address and ask for 'Trap Book.'

MOREHEAD MFG. CO. Department "N" Detroit, Mich.



## What the Users say

## Kroeschell Boiler Durable.

In 1894 we bought one of your No. 12 boilers to take the place of four smaller boilers of another make. Your boiler has done the entire work to the highest satisfaction, saving labor and about one-third of the fuel we used to burn before. We had that boiler up to 1896, that is 12 years, having no repairs on it whatever, except one set of flues we put in 1900. Last fall we installed one of your No. 14 boilers, having enlarged our plant. It takes care of 35,000 sq. ft. of glass very easy. When firing we keep the ash door open only about one inch. We think your No. 14 boiler could carry 40,000 sq. ft. of glass.

DAMM BROS., Chicago.

Send for Catalogue.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.

# Ready Reference Section.

10 CENTS PER LINE, NET.

## AGERATUMS.

Ageratum, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

## ALTERNANTHERAS.

Alternantheras, good strong well-rooted cuttings. P. major, red 50c per 100; \$4 per 1,000. A. nana, yellow, 50c per 100; \$4 per 1,000. Brilliantissima, best red, 60c per 100; \$5 per 1,000. We also have a fine stock of ferns. R. R. Davis Co., Morrison, Ill.

Alternantheras, red and yellow, big strong, 2½-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

Alternantheras, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr. & Sons Co., White Marsh, Md. Alternantheras, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

## ALYSSUM.

Sweet Alyssum, 2½-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

## AMPELOPSIS.

AMPELOPSIS ENGELMANNI, 4-in., \$2 per doz. extra strong plants at \$3 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

AMPELOPSIS VEITCHII, 4-in., \$2 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ampelopsis Veitchii, 4-in., not-crown, 30c each; \$2 per doz. \$20 per 100. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

## ASTERS.

Asters. Vick's Late Branching white, pink, lavender, Early Branching, white and rose, Violet King, Royal purple; good strong plants, \$2.50 per 1,000. Victoria, white, pink, scarlet, \$2 per 1,000. Elmer Rawlings, Wholesale Grower, Gleason, N. Y.

## ASPARAGUS.

ASPARAGUS SPRENGERI, 2-in., \$2.50 per 100; 3-in., \$1 per doz.; \$6 per 100; 4-in., \$1.50 per doz.; \$10 per 100; \$80 per 1,000 (500 at 1,000 rate). GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus seedlings, \$1.25 per 100; \$10 per 1,000; Sprenger, \$1 per 100; \$7.50 per 1,000. Plumosus, 2½-in., \$2 per 100; Sprenger, 2½-in., \$2. Jos. H. Cunningham, Delaware, O.

Asparagus Hatcheri, 2½-in., \$15 per 100. Sprenger, 4-in., \$10 per 100; 3-in., \$6 per 100; \$50 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Potbound 3-in. Sprenger, can be shifted into 5-in., \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Asparagus Sprenger, 3½-in., strong, \$7 per 100; \$60 per 1,000. Cash, please. Harry Heintz, West Toledo, O.

Asparagus plumosus, 2-in., \$2 per 100. Sprenger, 2½-in., \$3 per 100; 3-in., \$4 per 100. C. Elsie, 11th and Westmoreland Sts., Philadelphia.

Asparagus plumosus, 2½-in., \$3.50 per 100; \$30 per 1,000. Frank Oechsli, 4911 Quincy St., Chicago.

Asparagus Sprenger, \$1.50 per 100; plumosus from rose pots, \$2.50 per 100. A. M. Herr, Lancaster, Pa.

Asparagus, 3-in., 3½c. J. H. Dann & Son, Westfield, N. Y.

Asparagus Sprenger, from 3-in. pots, 3½c; strong stock. J. L. Schiller, Toledo, O.

Asparagus Sprenger, 2½-in., 2c. Mosback Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus, seedlings ready now at \$1 per 100; \$10 per 1,000; \$45 per 5,000. Cash with order, please. Floral Hill Gardens, G. F. Neip, Prop., Chatham, N. J.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. J. A. Budlong, 82 E. Randolph St., Chicago.

Asparagus seedlings, Plumosus, 90c per 100; \$7.50 per 1,000. Sprenger, 60c per 100; \$5 per 1,000. Reeser Plant Co., Springfield, O.

Asparagus Sprenger, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, 2½-in., 3c. Mosback Greenhouse Co., Onarga, Ill.

ASPARAGUS TILMOSUS, 2-in., \$3 per 100. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus nanus, seedlings, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprenger, 2½-in., \$45 per 1,000. Poshmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus and Sprenger plants. W. H. Elliott, Brighton, Mass.

## ASPIDISTRAS.

ASPIDISTRAS, 6-in., green, \$1 each. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## BAY TREES.

Bay trees and box trees all sizes. Write for special list. Julius Roehrs Co., Rutherford, N. J.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-inch crowns. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatory, Sidney, O.

Bay trees, Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Begonias Vernon and Erfordii, 4-in., \$7 per 100; 3-in., \$5. English Ivy, 3-in., \$10 per 100; 2½-in., \$5. Lemon Verbena, 4-in., \$8. Ageratum, 4-in., \$6. Fuchsias, 4-in., \$6; 5½-in., \$10. Double petunias, 4-in., \$6. Geraniums, \$7 per 100. Cohen standards, 3-in., \$4. Coleus, Ver. G. Bedder, Queen Victoria, 4c. Acalypha, 2½-in., \$3 per 100. Ipomoea notiflora, 2½-in., \$5 per 100; 3-in., \$5; 4-in., 10c. each. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprenger, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Schmidt, Bristol, Pa.

Coleus, Ver. G. Bedder, alternantheras, achantheras, 7 var., 2½-in., \$2 per 100. Ampelopsis Veitchii; hardy English ivy, passion vine, acalyphas, stevias, dwarf, and tall C. Elsie, 11th and Westmoreland Sts., Philadelphia.

## BEGONIAS.

Begonias, Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2-in., \$3 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Lorraine, 2½-in., pots, \$12 per 100; \$50 per 500. Immediate delivery. Julius Roehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering; 60c per doz.; \$4 per 100; \$35 per 1,000; glorioxias, separate colors, 75c per doz.; \$5 per 100; \$47.50 per 1,000. Fottier, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Burnett Bros., 72 Cortlandt St., New York.

Bulbs, Lilium giganteum, case of 200, \$14. C. C. Pollworth Co., Milwaukee, Wis.

Bulbs. E. S. Miller, Wading River, N. Y.

## CACTUS.

Cactus. Old man cactus, 4-in., \$3 per doz., postpaid. Small cacti in variety for retailing \$8 per 100. J. A. McDowell, Ap. 167, Mexico City.

## CANNAS.

CANNAS, 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. Wilkinson Elliott, 200 Patry, 200 J. D. Cabos, 100 Louisiana, 100 Flamingo, 300 Alemania, 100 Alphonse Bouvier, 50 Pres. McKinley, 150 Egandale, 200 Crimson Bedder, 50 Wm. Parmenter, 50 Express, 100 P. Crozy, 200 Mme. Crozy, 50 David Harum, 300 Burbank, 100 S. H. A. Crozy, 100 Paul Marquant, 200 Mile. Berat, 50 Partenose, 50 Ed. Hoss. AT fine stock from 3-in. pots, \$4 per 100; 1,000 our selection for \$20. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Cannas, Egandale Marlborough, \$1.50. David Harum, 2c per 100. J. H. Dann, Westfield, N. Y.

Cannas, leading kinds. R. Vincent, Jr. & Sons Co., White Marsh, Md.

## CARNATIONS.

Carnations, strong, well branched field plants. APPLE BLOSSOM (Grown and endorsed by Patten & Co., carnation specialists, Tewksbury, Mass.). PINK DELIGHT, DOROTHY GORDON, Wanda Gablehouse, Barnveld, N. Y.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation, 30 E. Randolph St., Chicago.

Carnations. Wood Bros., Fishkill, N. Y.

Carnation Bright Spot. N. Zweifel, North Milwaukee, Wis.

Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dornier & Sons Co., La Fayette, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

## CHRYSANTHEMUMS.

CHRYSANTHEMUMS.  
Cuttings rooted from Sand and Soil.  
Red, Per 100 Intensity, Per 100  
Intensitr \$2.00 Dr. Engachard, \$2.00  
Black Hawk 2.00 White 2.00  
Yellow, Early Snow 2.00  
Monrovia 2.00 Mrs. Burck 2.00  
Halliday 2.00 Touse 2.00  
J. Bonnafon 2.00 Xanoma 2.00  
Nagoya 2.00 Merry Christmas, 2.00  
Pink, Pompoms, 2.00  
Rosette 2.00 Diana 2.00  
Rosiere 2.00 Lala 2.00  
Pacific 2.00 Baby Margaret, 2.00  
Monogram 2.00 Pretoria 2.00  
Mary Mann 2.00 Bronk 2.00  
Plants Cut Back.  
Pink, Per 100 Red, Per 100  
Rosier \$2.00 Intensity \$2.00  
Pacific 2.00 Black Hawk 2.00  
Mary Mann 2.00 Yellow, 2.00  
Rosette 2.00 Nagoya 2.00  
White, Merry Christmas, 2.00  
Early Snow 2.00 Pompoms, 2.00  
Oct. Frost 2.00 Baby Margaret, 2.00  
WITPORT BROS.  
162 N. Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



**Chrysanthemums.** For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

**Chrysanthemums.** For varieties and prices see advertisement elsewhere in this issue. Fiehlmann Bros. Co., Morton Grove, Ill.

**Chrysanthemums,** plants out of soil, Pink and White Ivory, \$2 per 100. Weitzer Bros., 162 N. Wabash Ave., Chicago, Ill.

**Chrysanthemums,** novelties and standard varieties. Chas. H. Totty, Madison, N. J.

**Chrysanthemums,** lending vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

**Cinerarias,** stellata, 3-in., 4c. Mosbak Greenhouse Co., Omgara, Ill.

## CLEMATIS.

**CLEMATIS DUCHESSE OF EDINBURGH,** 6-in., \$4 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**Clematis,** 2-yr., \$3 per doz.; paniculata, 4-in., \$10 per 100; 3-in., \$2 per 100. C. Elsie, 1114 and Westmoreland Sts., Philadelphia.

**CLEMATIS JACKMANI,** 6-in., \$4 per doz. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## COLEUSES.

**Coleus,** best bedders, large 2½-in. plants, \$1.50 per 100; \$12 per 1,000. C. Humfeld, Clay Center, Kans.

**Coleus,** 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

**Coleus,** standard varieties, 2½-in., 11½c. Mosbak Greenhouse Co., Omgara, Ill.

**Coleus,** 2-in., \$2 per 100. 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## CROTONS.

**CROTONS,** 2½-in., \$1 per doz.; \$8 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**Crotons,** 10 vars., 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

## CYCLAMENS.

**Cyclamen,** best giant commercial strain, 8 separate colors or mixed, 2-in., 4c. J. L. Schiller, Toledo, O.

**Cyclamen,** well grown, fine strain, 4-in., \$15 per 100; 6-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

**Cyclamens,** 2½-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

## CYPERUS.

**CYPERUS** (Umbrella plant) 3-in., 75c per doz.; \$6 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

**Dahlia,** R. Vincent, Jr., & Sons Co., White Marsh, Md.

**Dahlia Dorothy Peacock.** See advertisement elsewhere in this issue. Peacock Dahlia Farms, Williamstown Junction, N. J. P. O. Berlin, N. J.

## DAISIES.

**Giant Double Daisies,** mixed, \$2.50 per 1,000; 100 prepaid, 40c. Chas. Frost, Kenilworth, N. J.

## DRACENAS.

**DRACAENA MASSANGIANA** strong, 5-in., \$1.25 each. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**Dracena indivisa,** 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

**DRACAENA MASSANGIANA,** 5-in., \$1.25 each. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**DRACAENA FRAGRANS,** 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; \$20 per 100. Geo. WITTOLD CO., Edgebrook, Chicago, Ill.

**Dracena indivisa,** 2½-in., 3c. Mosbak Greenhouse Co., Omgara, Ill.

**Dracena indivisa,** 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

**Dracena indivisa,** 2½-in., \$2.50 per 100. Henry Daut, Decatur, Ill.

## FERNS.

**Nephrolepis Glatrasii,** 2½-in., \$8 per 100; \$75 per 1,000; 4-in., \$25 per 100. Geo. Glatras, 463 Summit Ave., West Hoboken, N. J.

**CLADODIUM SCHIEDEL,** 7-in., \$2.50 each, fine plant. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**FERNS FOR DISHES,** 2-in., nice plants, \$3 per 100; \$25 per 1,000. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**Ferns,** mixed for dishes, 3-in., 85c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

**Ferns,** Boston, 3-in., \$5 per 100. Reeser Plant Co., Springfield, O.

**Ferns,** Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

**Ferns for dishes,** 2½-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$2 per 100. Frank Oechslin, 4911 Quincy St., Chicago.

**Ferns,** John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

**Ferns,** Boston, 2½-in., \$3.50 per 100. The Good & Reese Co., Springfield, O.

**Ferns,** Bobbink & Atkins, Rutherford, N. J.

**Ferns,** Boston, 3-in., \$1 each. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

**Adiantum Farleyense,** 2½-in., \$15 per 100. J. A. Peterson, Westwood, Cincinnati, O.

## GERANIUMS.

**Nice young stock** from 2½-in. pots, Nutt. Grant (double). Pottiering, Buchner, \$2 per 100; \$17 per 1,000. Cash. The W. T. Buckley Co., Springfield, Ill.

**Geraniums,** Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellana, Pottiering, Jaulin, Ricard, Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

**Geraniums,** standard sorts, 3-in., \$3 per 100; \$18.50 per 1,000. Novelties, one each of 50 sorts, \$5. Ivy geraniums, scented and variegated geraniums. R. Vincent, Jr., & Sons Co., White Marsh, Md.

**Geraniums,** R. C. Nutt, Ricard, Pottiering, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

## GREENS.

**Greens,** dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

**Greens,** southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

**Greens,** evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsonas & Co., 60 W. 23th St., New York.

**Greens,** wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

**Loretta,** \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ala.

## HARDY PLANTS.

**Herbaceous plants.** Bobbink & Atkins, Rutherford, N. J.

## HELIOTROPES.

**Heliotrope,** 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

**Heliotrope,** 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## HYDRANGEAS.

**Hydrangea Souvenir de Claire,** the new hydrangea of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

**Hydrangea Avalsanche,** 2½-in., pots, 60c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

**Hydrangeas.** For varieties and prices see advertisement on front cover page. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

## JUMPING BEANS.

**Mexican Jumping Beans.** Live beans that continue to jump for weeks; the greatest wonder show window and counter trade, 50c per 100, \$4 per 1,000, postpaid. J. A. McDowell, Ap. 107, Mexico City.

## LILACS.

**Lilacs.** Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

To Import.

**Lily of the valley.** Jacs Smits, Ltd., Naarden, Holland.

**Lily of the valley.** Otto Mann, Leipzig, Saxony, Germany.

## From Storage.

**Lily of the valley,** cold storage pips, case of 1,000, \$13; case of 3,000, \$36. J. M. Thornburn & Co., 33 Barclay St., New York.

**Lily of the valley.** H. N. Bruns, 3038-42 W. Madison St., Chicago.

## LOBELIAS.

**Lobelias,** Crystal Palace and White, very strong, 2-in., \$1.50 per 100. C. Humfeld, Clay Center, Kans.

## MOSS.

**Sheet bog moss,** \$1.25 per 2 bus. sack. Ohas. H. Cranmer, Uniontown, Pa.

## MUSHROOM SPAWN.

**Write for samples and attractive figures** on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spawm Co., Lockport, N. Y.

**Mushroom Spawn.** Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

## NURSERY STOCK.

**Nursery stock,** evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

**Nursery stock,** large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

**Nursery stock,** apple and peach trees. Mitchell's Nursery, Beverly, Ohio.

## ORCHIDS.

**Orchids of all kinds.** Lager & Hurrell, Summit, N. J.

## PANDANUS.

**Pandanus Vettchili,** \$1 to \$2 each. J. A. Peterson, Westwood, Cincinnati, O.

## PALMS.

**PALMS,** Kentia Belmoreana and Forsteriana, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3.60 per doz.; 5-in., \$5 per doz.; Latania Borbonica, 4-in., 8c each; \$20 per 100. Phoenix Recinata, 3-in., 25c each; \$3 per doz. Phoenix Belmoreana, 6-in., \$2.50 each. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

**Palms.** For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

**Palms.** For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

## PEONIES.

**Peonies,** all vars. Jacs Smits, Naarden, Holland.

**Peonies,** all standard varieties. The Good & Reese Co., Springfield, O.

## PEPPERS.

**CHRISTMAS PEPPERS,** 3-in., \$3 per 100; 4-in., \$12 per 100. GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## POINSETTIAS.

**Poinsettias,** 2½-in., \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 162 N. Wabash Ave., Chicago, Ill.

**Poinsettias,** 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

**Poinsettias,** 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

**Poinsettias,** 2½-in., \$5 per 100; \$45 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

## PRIMULAS.

**Primulas** from 2-in. pots, frame grown, no better strains in existence. Queen's Choice, the giant fringed, 12 separate colors, or mixed, 2c. Obconica grandiflora, Ronsdorfer and Lettmann, unrivaled hybrids, 14 colors, or mixed, 2½c. Obconica gigantes, 5 colors or mixed, 3c. Ready June 20. J. L. Schiller, Toledo, O.

**Primula obconica grandiflora** rosa and mixed, 2½-in., 60c per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

**Primroses.** Jos. H. Cunningham, Delaware, O.

## ROSES.

ROSES.

**3,000 American Beauty roses,** 2-in., nice stock, \$50 per 1,000.

**Mrs. Jardine,** 2½-in., \$100 per 1,000.

**Pink Killarney,** 2½-in., \$5.00 per 100.

**Kaiserin,** 2½-in., \$3.00 per 100.

**WIETOR BROTHERS,**

162 North Wabash Ave. Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

**ROSE PLANTS.**

|                            | Per 100 | Per 1,000 |
|----------------------------|---------|-----------|
| 3-Inch. Mrs. Jardine ..... | \$4.00  | \$35.00   |
| 1,000 Richmond .....       | 4.00    | 35.00     |
| 400 My Maryland .....      | 4.00    |           |
| 1,400 Pink Killarney ..... | 4.00    | 35.00     |

Sinner Bros.

Chicago, Ill.

Roses, strong clean stock, own roots. Brides and Bridesmaids, \$6 per 100. Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$6 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$12 per 100. P. R. Quinlan, Syracuse, N. Y.

**PINK KILLARNEY**, fine plants, immediate shipment, 2½-in. \$4.50 per 100; \$40 per 1,000; 2½-in. \$5 per 100; \$45 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses. For varieties and prices see advertisement elsewhere in this issue. Chas. H. Totty, Madison, N. J.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. A. Budlong, 82 E. Randolph St., Chicago.

Roses, Perles, 4-in. \$3 per 100; 2½-in. \$5. Grafted Maryland, 3-in. \$10 per 100; Grafted Pink Killarney, 3½-in. \$15. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

1,000 extra fine American Beauty Rose Plants. 2½-in. \$12 per 100; \$450 per 1,000. The Park Floral Co., Denver, Colo.

Roses. For varieties and prices see advertisement elsewhere in this issue. Poehmann Bros. Co., Morton Grove, Ill.

Roses, Killarney and White Killarney, 2-in. \$4 per 100; 3½-in. \$5; Maryland, 2½-in. \$3 per 100. Castle Grove Greenhouses, Danville, Pa.

**LADY GAY** or **PINK BABY RAMBLER**, strong, 7-in. \$5 per doz. GEO WITTBOLD CO., Edgebrook, Chicago, Ill.

**DOROTHY PERKINS**, 4-in. \$2 per doz; 5-in. \$3 per doz. GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. For varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

Roses, Kaiserin, Rhea Reid, Killarney, Bon Silence and Safrano. W. H. Elliott, Brighton, Mass.

Roses. For varieties and prices see advertisement elsewhere in this issue. A. N. Piersson, Inc., Cromwell, Conn.

Roses. Leedle Floral Co., Springfield, O.

**SALVIA.**

Salvia, 2½-in. \$3 per 100. Jos. H. Cunningham, Delaware, O.

**SEEDS.**

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars.; melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seed, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc., The Everett B. Clark Seed Plant, Milford, Conn.; East Jordan Mich.; Sister Bay, Wis.

Seeds, Brown's Giant Parsley, ¼ oz. \$1; ¼ oz. \$1.50; ½ oz. \$2.50; oz. \$5; ¼ lb. \$14; ½ lb. \$25; 1 lb. \$50. Peter Brown, Lancaster, Pa.

Seeds, giant pansies and Chinese primroses. See advertisement elsewhere in this issue for prices. John F. Rupp, Shiremanstown, Pa.

Seeds, Vaughan's flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. New York T. Boddington, 342 W. 14th St., New York.

Seeds, Roemer's Superb Prinia pansies. Fred. Roemer, Quedlinburg, Germany.

Seed, Asparagus plumosus nanus, \$1.75 per 1,000; 25,000 per 4 doz. \$1.50 per 1,000. Drake Point Greenhouses, Yabala, Fla.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

**Contract Growers.**

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beets, cabbage, carrot, celery, lettuce, onion, parsley, radish, rutabaga, turnip. De-naliffe & Son, Carignan, Northern France; Chas. Johnson, Marietta, Pa., agent.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbena. Waldo Rohbert, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, field garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Growers for the wholesale trade only. Brasian Seed Growers' Co., San Jose, Calif.

**SMILAX.**

Smilax, \$1.50 per 100; \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax, Wood Bros., Fishkill, N. Y.

Smilax, strong from 2-in. pots, 2c. J. L. Schiller, Toledo, O.

**SNAPDRAGONS.**

Snappdragons, white and pure pink, best seller of all snappdragons, 2½-in. \$2 per 100; \$15 per 1,000; 500 at 1,000 rate. Cash. Clement S. Lewis, Aidan, Del. Co., Pa.

**STEVIA.**

Stevia, R. C., \$1 per 100; 2-in. pots, \$2.50 per 100. Jas. J. Curran, Supt. Castle Grove Greenhouses, Danville, Pa.

Stevia, 2½-in. \$2.50 per 100. Poehmann Bros. Co., Morton Grove, Ill.

**SPIREAS.**

Spirea. J. Smits, Ltd., Naarden, Holland.

**SWAINSONA.**

Swainsona alba, strong, 2½-in. \$3; in bud and bloom, strong, 3-in. \$8. W. J. Olds, Union City, Pa.

**VEGETABLE PLANTS.**

Vegetable plants: Cabbage, Wakefield. All head, Succession, etc. \$1 per 1,000; 10,000 and over, 85c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 85c per 1,000. Beets, Crosby, Egyptian and Bellise, \$1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Vegetables: Tomato, Earliana, Stone, \$1 per 1,000. Pepper, Chinese Giant, \$1.50 per 1,000. Lettuce: Big Boston and Grand Rapids, \$1 per 1,000. Cabbage: Standard sorts, \$1 per 1,000. Celery: White Plume and Dwt. Golden Heart, \$1 per 1,000. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Cabbage plants: lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, 2c per 1,000. J. C. Schmidt, Bristol, Pa.

15,000 extra fine Yellow Jersey and Red Bermuda Sweet Potatoes, \$1.50 per 1,000. Mrs. Edward Hayden, Greenville, Ill.

**VERBENAS.**

Verbenas. J. L. Dillon, Bloomsburg, Pa.

**VINCAS.**

Vinca Minor (myrtle), good for shady places, strong rooted runners, \$1 per lot, strong field roots, \$1 per doz.; prepaid; by express, \$3 per 100. Chas. Frost, Kentworth, N. J.

**BOILERS.**

Boilers, The Moninger-Furnish, 200 sizes and styles, John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard, The Superior Machine & Boiler Work, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers. S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

**INSECTICIDES.**

Fresh Tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharff Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphis Plan, \$6.50 per case of 12 paraffined boxes.

**GLAZING POINTS.**

Glazing points: See the point? Hold glass firmly. Perfecting glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, ¼ and ¾, 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

**GREENHOUSE CONSTRUCTION.**

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tamawanda, N. Y.

**GUTTERS.**

Gutters, Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

**MISCELLANEOUS.**

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoo, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

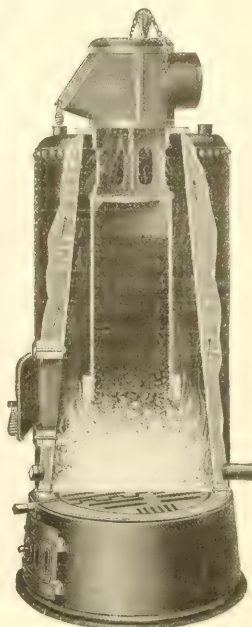
Model extension carnation support; galvanized rose stands. Igore Bros., 266 N. 9th St., Brooklyn, N. Y.

Daylite glass cleaners, for prices see advertisement elsewhere in this issue. Andersen Specialty Co., 4648 Calumet Ave., Chicago.

Pipe flues and greenhouse fittings. Illinois Pipe Mfg. Co., 2113 So. Jefferson St., Chicago.

**If You Do Not Find What You Need in Our Ready Reference Department, Write Us about It**





# WILKS Hot Water Boilers

ARE

**The Most Economical Boilers for  
Heating Greenhouses**

Made entirely of steel and are fully guaranteed.  
Have no cast iron sections to crack.

**NO NIGHT FIREMAN REQUIRED**

with our **SELF-FEEDING BOILERS**

**Very Economical in Fuel**

**Can Be Used with Hard or Soft Coal**

Send for our New Catalog and prices.

**S. WILKS MFG. CO.**

3503 Shields Ave.,

CHICAGO

Pillsbury's carnation Staples, 50c per 1,000, postpaid. T. L. Pillsbury, Galesburg, Ill.

Superior Carnation Staple, 1,000 for 50c. F. W. Waite, 293 Main St., Springfield, Mass.

Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

The Kleinschmidt Soil Grinder. F. Kleinschmidt, 21 Builders Exchange, Buffalo, N. Y.

Cut flower and design boxes, all sizes. C. C. Polliworth Co., Milwaukee, Wis.

Wagner plant boxes, for palms, boxwood, bay trees, etc. Wagner Park Conservatories, Sidney, O.

Gummed gold silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Photographs of horticultural subjects. Nathan E. Graves, 413 Hayward Bldg., Rochester, N. Y.

Stems and other fixtures. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Coal, Pocahontas. Northern States Coal and Mining Co., 342 S. Dearborn St., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Belgiano & Son, Baltimore, Md.

Mastin for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Richmond Carnation Support. Eagle Machine Works, Richmond, Ind.

## POTS, PANS, ETC.

The Red Pot. C. C. Polliworth Co. All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 23 Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gillett Tile & Pottery Co., Mount Gillett, O. Y.

Norwester paper pots. Vaughan's Seed Store, Chicago and New York.

## RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

## STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, \$5c; 500 for \$3.00, \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 00c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 51 Barclay St., N. Y.

## The Kleinschmidt SOIL GRINDER

Here is a machine for all Greenhousemen that

**WILL GRIND AND MIX TO ANY DESIRED FINENESS  
More Soil Than Any Other.**

It is substantially and heavily made, all working parts being of crucible cast steel or steel forgings.

B. S. Myers, foreman for W. J. Palmer & Son, Lancaster, N. Y., states that the No. 4 Mill now in use will grind 50 to 55 yards of soil a day, and had he conveyors to take the soil away, would double the amount.

FOR PARTICULARS AND PRICES ADDRESS

**F. KLEINSCHMIDT & CO.,** Builders' Exchange <sup>21</sup> BUFFALO, N. Y.

## The Mastin Automatic Spraying Machine Is Reliable, Practical and Durable



The tank is made of galvanized sheet steel, and in brass.

The pump is of brass throughout, simple and powerful.

The mixing device keeps the contents of the tank well stirred up from start to finish.

When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.

All parts are made to gauge and may be had for repair

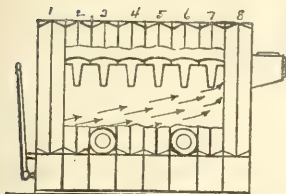
Ask your Dealer about our Extension Hose, Extension Rods The Mastin White-Wash Nozzle for Bordeaux Mixture, and Mastin's Fast Lock Hose Coupler.

**J. G. MASTIN CO.**

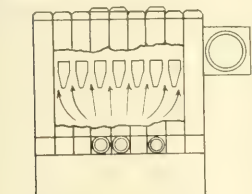
3124 W. LAKE STREET, CHICAGO, ILL.

# The Truth About Boilers

Being Number Two of Four Frank Talks.



The arrows in this sketch show how boilers constructed with flue openings at back of boiler draw the flames away from the front sections, impairing their efficiency.



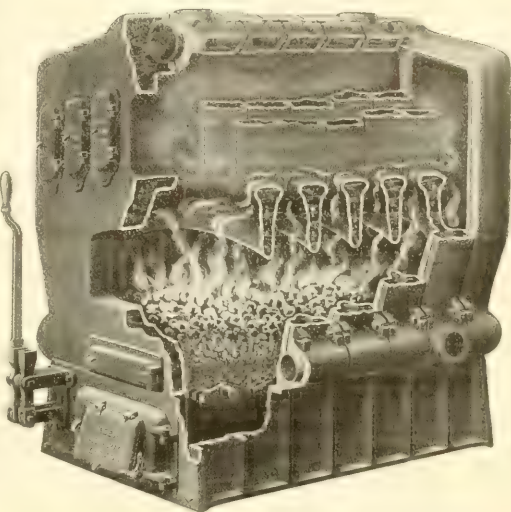
With the Burnham there is a flue between each section on both sides of the fire chamber. The flames come equally in contact with each section, making every section equally efficient.

—you can well see that if the flue opening for the passage of the gases and smoke be at the rear of the fire box, that the draft will draw them diagonally from the front to the back of the boiler, as shown in cut No. 1. It is obvious that the rear sections must then be kept hotter than the middle or front ones. In short, each section is not equally efficient, which seriously affects a boiler's economy.

The Burnham, however, has flue openings between each section on each side, which allows an equal amount of hot gases to reach each section equally. As a result, each section in the Burnham is equally efficient.

**Lord and Burnham Co.**

Factories:  
Irvington, N. Y. and  
Des Plaines, Ill.



This cut away view shows you the internal construction and workings of The Burnham Boiler.

## The Burnham

It's plain to be seen that the more heat a boiler harnesses up, the less coal you will have to buy—and, as we understand it, you want to spend as little as possible for coal. This being so, and you being about "ready to talk boiler," why not write us and give yourself the opportunity of knowing thoroughly every one of the Burnham's strong points?

We will not bound the life out of you; but you will get some straight, strong boiler economy facts, and it is facts you are after.

### Steam Heating.

ED. AMERICAN FLORIST:

We desire to install a small upright steam boiler to heat 420 feet of 1½ inch pipe along the wall of a greenhouse to be used in spring and fall only. Can give the pipe a rise of 10 feet. What would be the best arrangement to insure perfect circulation? Will a steam trap or pump be required? We shall use gas for fuel. Could it be arranged so that the boiler would care for itself from six to eight hours?

Ohio. M. R.  
The question is not very clear as to whether the pipes are to extend along the wall for a length of 420 feet, or whether that amount of piping is to be used in a coil for a shorter length. In either case there would be no occa-

**R. C. Whitsett Coal and Mining Co.** 537 South Dearborn St., - CHICAGO. Long Distance Phone 8032  
We Mine and Ship the Following High Grade Coals:

SUNSHINE  
INDIANA BRAZIL BLOCK  
POCARONTAS

**COAL FOR**

WEST VA. SPLINT  
YOUNGHEBEN  
SOUTHERN ILLINOIS

Write us for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices.

**IMMEDIATE OR SUMMER DELIVERIES.**

radiation are to be supplied no estimation for using either a steam trap or pump if the lowest part of the returns is four or five feet above the boiler. Using ¼ inch pipe for the coil it would merely be necessary to connect the coil to the boiler and give the coil the proper slope towards the boiler. Without knowing how many feet of

mate can be given of the size for the connecting pipes.

Using gas as the fuel there should be no trouble about allowing the boiler to go for six or eight hours without attention, provided the boiler is large enough to supply water, or arrangements are made for keeping up the supply.

L. R. T.



## The Best Color Chart

For Florists, Seedsmen  
and Nurserymen.

ERFURT, GERMANY, May 9, 1911.  
AMERICAN FLORIST CO.,  
Chicago, U. S. A.

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Mathews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly, ERNST BENARY.

Published and For Sale by the

American Florist Co., 440 S. Dearborn St.  
CHICAGO  
PRICE ONE DOLLAR, POSTPAID.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

### "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural traders: it is also taken by over 1000 of the best continental houses.

Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address **Editors of "H. A."**

Chilwell Nurseries, LOWDHAM, Notts, England

Mention the American Florist when writing

## Boiler Flues

4-in. and other sizes cleaned and trimmed ready for heating; retubing boilers and gutter posts. Prices right. Also sales agent for Stuttle's Patent Clamp for joining flues.

H. MUNSON, 1405 Wells Street,

Phone North 572

CHICAGO, ILL

Mention the American Florist when writing

### SIEBERT'S ZINC

Never Rust  
GLAZING POINTS

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{3}{4}$  and  $\frac{1}{2}$ . 40¢ per lb., by mail 16¢ extra. 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade.

RANDOLPH & McCLEMENTS, Successors to Chas. T. Siebert, Baum & Beatty Sts., Pittsburg

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### Holds Glass

Firmly

See the Point

PEERLESS

Glazing Points are the best.

No rights or lefts. Box of

1,000 points 15¢, postpaid.

HENRY A. DREER,

714 Chestnut St., Phila., Pa.

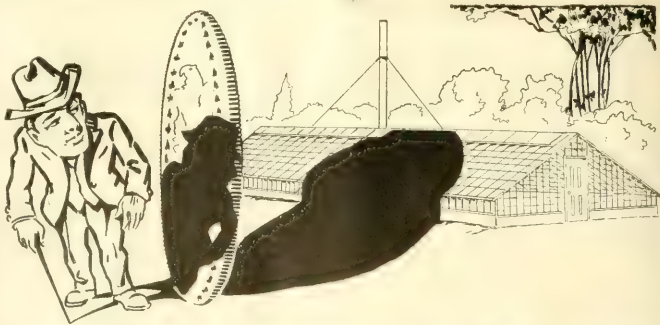
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## The Regan Printing House

LARGE RUNS OF  
**CATALOGUES**  
—OUR SPECIALTY—

WRITE FOR FIGURES.

527 Plymouth Place, CHICAGO



## A Dollar Stands So Big in Some Growers' Eyes

that they can't see the superior points of our superior construction. They can't seem to see that a few more dollars spent will often make an almost good thing—really good. Such men are always comparing costs and not values.

If their grocer, for example, should give them 14 ounces for a pound of butter at a price way below the market price for the best butter, they would put up an awful howl. But if a greenhouse concern skimps his construction or "throws it together" so he can sell it way below the "best butter" mark—what is the difference? More than a difference of opinion, that's sure. It is simply worth what it cost. No more!

Cost is what you pay for a thing; value is what you get for what you pay. Get that thought about values under your hat and keep it there.

Hitchings is not a bargain counter concern; but you do get a greenhouse that is 16 ounces to the pound throughout. And you pay accordingly, and no more! We are looking for a few more growers who want a 16-ounce house. If you are one of that sort, write us.

## Hitchings & Company

Write to Our  
Main Office and Factory  
Elizabeth, N. J

Or call at our New York Office, 1170 Broadway.

# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

## To Tell All the Good Points of Our Construction

in this advertisement  
are planning any  
tions, it will pay

is impossible. If you  
rebuilding or addi-  
you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES

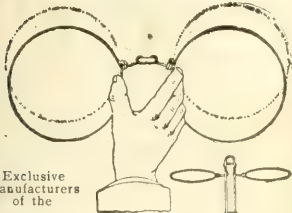
**GEO. M. GARLAND CO.**

Lock Box S, Des Plaines, Ill.

MANUFACTURERS OF  
The Gutter with a Reputation

CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES

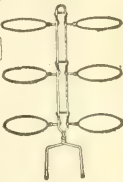
## EAGLE MACHINE WORKS RICHMOND, IND.



The Richmond  
CARNATION SUPPORT

Under patent issued April  
4th, 1911.

Write for prices; also on  
'Mum and Rose Stakes.'



### MASTICA

FOR 2 Greenhouse Glazing

**USE IT NOW.**

**F. O. PIERCE CO.**  
12 W. BROADWAY  
NEW YORK

**MASTICA** is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass, as occurs with putty. **Lasts longer than putty.** Easy to apply. *Mention the American Florist when writing*

Lock the door before the horse is stolen,  
and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

**JOHN G. ESLER, Secretary**  
SADDLE RIVER, N. J.

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Close Prices on all  
Kinds of Printing.

Pontiac Bldg, Harrison & Dearborn Sts., Chicago

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| 1000 Letter Heads..... | } | \$3.50 |
| 1000 Envelopes.....    |   |        |

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## Boilers OF HIGH GRADE... For GREENHOUSES

See Our Catalogue.

Steam and GIBLIN & CO., Utica, N. Y.  
*Mention the American Florist when writing*

GET OUR PRICES ON  
Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supports for  
Carnations, Dahlias, Golden Glow, Peonies,  
Chrysanthemums, and Tomatoes.

Lawn Fence, Flower Bed Guard, Trellis.  
**IGOE BROTHERS** 63-71 Metropolitan Ave  
BROOKLYN, N. Y.

IF YOU SAW IT IN THE  
**THE FLORIST**  
SAY SO IN YOUR NEXT ORDER.

## THIS IS THE U-BAR

**The Bar That Makes  
U-Bar Greenhouses  
The Famous Greenhouses  
They Are.**

THE U-BARS are the vital part of the frame work of U-Bar Greenhouses. The steel bars give the supporting strength needed. Galvanizing protects them against rust. Aluminum coating gives them an enduring, brilliant finish. The chemically treated cypress core bar makes a lasting glazing member. The combined core bar and galvanized steel U-Bar is no larger than the smallest wooden roof bar used in other constructions. The glass is two feet wide. Buy a U-Bar Greenhouse—own a U-Bar Sunshine Shop of your own.

## U-BAR GREENHOUSES

### PIERSON U-BAR CO

ONE MADISON AVE. NEW YORK  
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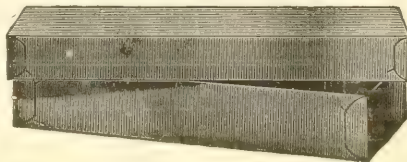
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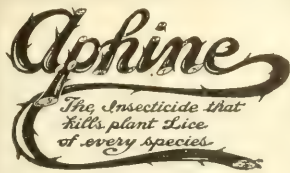
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Metairie Ridge Nursery Co.

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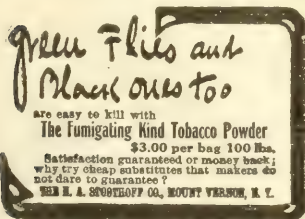
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The workroom is one of unusual attractiveness and finely equipped.

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Advance Machine, complete as illustrated, ..... each, \$10.50  
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CYPRESS SASH BARS

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For the Garden, Orchard and Greenhouse  
Non-poisonous and harmless  
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Kills Green Fly, Aphides, Bark Lice, Thrips, Mealy Bug, Red Spider, Scale, Wire Worms, Ants and Slugs.

This is the Grower's Friend. Handy use, cheap and effective, mixes readily in water. Destroys all insect pests and keeps down mildew. Circulars on application. \$1.50 per gallon. Also in quarts, half gallons and in bulk.

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Vol. No. 91 of U. S. Agricultural Dept.

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# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort in friendships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JULY 15, 1911.

No. 1206

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

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under act of March 3, 1879.

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American Florist Co., 440 S. Dearborn St. Chicago

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ORNAMENTAL HORTICULTURISTS.**

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15-18, 1911.

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### Our Supplements.

Subscribers should see that they get copies of  
the fine supplementary illustrations showing  
high grade design and decorative work. These  
fine supplements should be carefully pre-  
served, as they mean much to the retail florists  
in dealing with their customers, illustrating as  
they do the various kinds of work that the  
everyday florist is called upon to perform.

The papers in which the supplements appear  
should be likewise preserved, as they contain  
much valuable data with regard to these special  
illustrations. Subscribers should see that they  
get every issue as otherwise they may miss  
some of this high grade work.

## SUGGESTIONS FOR PLANT GROWERS.

### Genistas.

Keep the genistas trimmed into the  
shape it is desired to have them grow,  
by continually pinching off all long,  
strong shoots that grow away from the  
desired form. The plants can be grown  
in almost any shape, either globular or  
pyramidal, by constant pruning. They  
can also be trained to fancy forms  
such as fans or pillars or even to the  
shape of baskets with handles, which  
make very effective pot plants for the  
Easter trade. These plants, although  
expensive, always attract attention at  
that season of the year. A wire frame  
the form of the handle basket is fast-  
ened over the pot and as the plant  
grows it is tied down to the frame in  
such a manner that when the side  
shoots break they will entirely cover  
the frame. Two strong leaders are se-  
lected and tied over the handles. When  
the shoots reach the edge of the frame  
they are stopped and the side shoots  
immediately break all along the length  
of the growth. These side shoots are  
kept pinched back to hold the form un-  
til mid-winter, when the flower shoots  
form, and if any of these are too long  
and stray away from the desired shape,  
they can be tied in closely so that the  
form is retained. Keep the plants  
either plunged in a frame outside or  
in a cool, airy house and syringe fre-  
quently to prevent them from becom-  
ing infested with red spider. Keep the  
plants in a cool temperature through-  
out the winter, about 45° at night un-  
til March, when they can be given a  
little more heat.

### Primulas.

In growing primulas one should al-  
ways keep in mind that they are cool  
growing plants and do not require any  
forcing with heat, but revel in good  
cool ventilation. The early sown seed  
should now be fine plants in 3-inch  
pots and making good growth if given  
right culture. A shaded frame is the  
best location for them, but if this is  
not to be had, the cool, airy end of the  
greenhouse lightly shaded will grow  
them very well. Water the plants  
carefully, if they are growing nicely  
they will require frequent watering,  
and if they were potted rightly will be

benefited by a light spraying, but this  
must be done with caution or the  
plants will be knocked over and be-  
come broken if the force of water is  
too strong. Keep the plants potted up  
as fast as they need it, so as to get all  
the growth possible before the buds set  
when cooler weather comes on. Any  
flowering shoots that show themselves  
should be immediately pinched out.

### Violets.

The violet plants in the field will  
need constant cultivation not only for  
the purpose of keeping the weeds down  
but also to keep the ground in a fine  
growing condition and to conserve all  
the moisture in the lower soil that is  
possible. The plants will now be send-  
ing forth numberless runners and these  
should be removed, continually keeping  
the plants to the crowns. The plants  
often will make three or four crown  
growths. These should be left upon  
the plants and only the long runners  
removed. These runners can be taken  
off with a knife but should be cut clear  
back to the point where they branch  
from the plant. If any joints are left  
on the running shoots a crop of small  
weak runners will immediately sprout,  
taking the strength of the plant. A  
careful grower can much more quickly  
and better remove the runners by pull-  
ing them out, but care must be taken  
not to disturb the roots of the plant.  
The best way to do this is to grasp the  
base of the plant with one hand, hold-  
ing it firmly in its position as grow-  
ing; take hold of the runner close to  
the plant with the other hand, and  
with a sharp pull remove the runner.  
The pot grown plants of the double  
varieties can be now planted in the  
beds inside, provided the house can be  
given plenty of ventilation both on the  
sides and at the top, but if this is not  
possible it is preferable to keep the  
plants outside until the very hot  
weather has passed. Use plenty of old  
leaf mould or half rotted leaves in the  
soil, which should be well spaded in.  
It is far too early yet to plant any of  
the single violets inside, in fact it is  
better to wait until frosty weather be-  
fore removing these to their winter  
quarters. If planted too early they  
make large quantities of foliage and



will not produce either as many or as large flowers as plants that are not so heavily furnished with foliage.

#### Decorative Stock.

This is the season of the year for those that have a demand during the winter for decorative stock to carefully look over the sales for the past season and the stock on hand and make preparations for the coming year. Stock can now be purchased at lower prices than in the fall and much more safely packed and shipped than after the cool weather has begun. There is also still time to root and get up a stock of small plants that will be of great use in basket work or in fern dishes. The dracaenas all root very quickly at this season and a few lengths of cane cut up and inserted in the propagating beds will produce fine small stock for the centre of fern dishes. Many of the fancy leaved begonias such as *metallica*, *argenteo-guttata*, *maculata* and others of the fibrous rooted section of this species, root easily at this season and make fine small plants with which to fill up arrangements and give a good assortment for this work. Any of the older decorative plants that have not received attention should be looked over at once. The plants that are used for rental can surely be given an overhauling and there is yet two good months to obtain a good growth and to get them into condition for another season. We have never been in favor of an outdoor treatment for this class of stock, but believe advantage should be taken of the summer months to get all the growth possible and the plants in suitable shape for the winter rentals. After the growth has been made and the cooler nights have come, they can be gradually cooled down and hardened off so that they will be in condition for the fall and winter decorations.

#### Stevia.

The stevia plants will grow very rapidly at this season and will have to be kept well cut back all the time, the plants gone over every few days and the ends of the shoots cut off. A method adopted by a good grower the past season is worthy of trial by all. When the plants are topped back in July the cuttings are placed in the propagating bench, where if kept well watered they will root easily. As soon as rooted they are potted in flats about four inches apart in moderately rich soil. These as soon as established are placed outside and given the necessary attention and the same care which the older plants receive. When about eight inches high the tops are pinched off. These young plants will grow finely with straight sprays, and are in all respects much superior to the sprays cut from the large plants. This is a very economical and easy method of growing this very useful crop for cut flowers and is one which can be well adopted.

FRANKLIN, MASS.—Michael F. Toomey, proprietor of the Oak Hill Nurseries, has been petitioned into bankruptcy. The liabilities are \$42,535 and the assets \$7,469.

TEWKSBURY, MASS.—Irving French has purchased eleven acres of land on Castle street and will build a residence and greenhouses, moving his business from Whipple street where he has been located.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

#### A Neat Advertisement.

A very pretty blotter was issued by the J. M. Gasser Co. of Cleveland, O., for July distribution, having a colored illustration of a wreath of magnolia leaves and pink roses and bearing this inscription: "This world—then the next, and then comes fireworks. Order your funeral flowers from the J. M. Gasser Company. Specials this week—Easter lilies, Candidum lilies, Pink water lilies, Pink Japan lilies."

#### Casket Covers.

SEE SUPPLEMENT WITH THIS ISSUE.

A floral design that has become a very important feature with the florists is the casket cover and is, on many occasions, the most elaborate piece of floral work which the designer has to



Paul Huebner.

arrange for the funeral. Casket covers are made either upon wire frames or by fastening the flowers on a piece of mosquito netting or other cloth of gauzy texture, cut to the proper shape and size, making a floral blanket. The wire frames are made in two parts so that they can be fitted to any casket and are filled with moss and arranged as any other floral design. A casket cover arranged in this manner is, of course, much heavier and contains more flowers than one arranged upon cloth, but is not as easily damaged in the delivery as is the design without the rigid wire which keeps the form in shape. The wire frame covers the top of the casket, and from the sides and ends are arranged trailing greens, either asparagus or ferns, and long sprays of flowers so that when the design is placed on the casket it is completely covered. In making this design with the cloth, a fine silk gauze is preferable, but mosquito netting will do, and should be green in color. Upon this is fastened a covering of green, either ferns or asparagus, by passing wires through the netting over the stems and twisting the ends of the wire together. The flowers are then fastened on either singly, or made up into

small sprays and the sprays wired on, in the same manner as the greens. This design is always expensive, as its arrangement requires a great amount of labor, and must of necessity be made of a high grade of flowers, in fact, most of these covers are made of the exotics and most expensive flowers to be had at the season. Roses, violets, lily of the valley and orchids are the flowers most often used in the making of the beautiful pieces of work. They are sometimes made of carnations, but these flowers do not make as effective work, being too compact and heavy, and especially when made on the cloth lying too flat, not making the design have a light appearance. Sweet peas make up beautifully but the design made of these must be handled very carefully for the flowers are easily damaged and broken off. The more elaborate casket covers are made of lily of the valley or orchids or a combination of these two most beautiful flowers. The design which we illustrate is of lily of the valley with an arrangement of cattleyas across the cover in the center, made upon a wire frame, the flowers standing up very high and light, each spray and blossom standing out prominently. The form was completely covered first with Asparagus Sprengeri and adiantum and sprays of the latter intermingled with the flowers.

#### Railroad Gardening a Paying Investment.

Paper read by Paul Huebner, Landscape Gardener for the Reading Railroad System, before the Florists' Club of Philadelphia, July 11, 1911.

It is a good many years now since I last had the honor of addressing you on the subject of railroad gardening. At that time—some eight or ten years ago—there were not so many of the railroad systems of the country that had adopted this policy in which my company was one of the pioneers. A good many more have taken it up since then, and you will no doubt be glad to learn that the Reading has taken no backward step but has kept steadily along on the same broad and enlightened policy as it first mapped out. You understand, of course, that the hard-headed gentlemen who manage railroads, do so from a dollars and cents standpoint—and look on the embellishment of station grounds and approaches from the dollars and cents standpoint only—and not from an aesthetic point of view. They realize that it attracts travel and settlement and by so doing not only helps current revenue but improves the value of their real estate. Nevertheless, these managers are to be commended for their breadth of view and for their far seeing good policy—even from those of you who work for the advancement of horticulture in a spirit of altruism for the public good. The community which the Reading serves are given constant pleasure by this policy and are inspired thereby to efforts of their own along horticultural lines. The character of the architecture of the stations has been greatly improved of late years and the surroundings have to conform. Improved grounds and improved stations are two of the best advertisements a road could have and worth far more than their cost in that connection. Safety and convenience come first of course; but elegance is equally desirable if the cost be not too heavy.

I am often asked which is best for work of this kind; shrubbery or bed-



RAILROAD GARDENING.

Flower Beds on the Reading Railroad at Reading, Pa.

ding plants. In reply to that I always answer that there is plenty of room for both and I use both freely. When and where depends of course on the size of the spaces to be planted—also on the surroundings. Shrubbery is generally most effective when used as a background. When in flower it is very attractive. But for glowing effects and striking pictures that will make the passengers sit up and take notice—and carry with them strong impressions—strong enough to make them talk about when they go home—be their home near or far—there is nothing like the brilliant cannas and geraniums and other tender plants which make these, erstwhile dull and unsightly locations, a glory all summer long and carry the fame of the Reading to the ends of the earth. I received letters from all over the country from passengers who write the company asking as to what canna that was or what geranium that was and so forth, showing very clearly the strong impression made (even from a flying train at 60 miles an hour) and the good advertisement the company gets out of it.

While there is no great change in the policy of the road as to my department nor in my management and methods during the ten years that have elapsed since I last addressed your club, there is some change in the varieties of plants we use. For instance: in geraniums, we used then, Madam Thibaut, for pink; La Pilot, for scarlet; and La Favorite, for white. Now these "best ones" of their day have been superseded by La Glorieuse, as pink; John Doyle, as scarlet, and Madame Buchner, as white. We also use Abbe Schaeffer as a scarlet, and Jean Viaud as a pink. These varieties are not only better flowers than the old ones,

but they are also more constant bloomers. Mme. Sallerei is still our standby as an edging. In cannas we are now using Fuerst Bismarck, King Humbert, Madame Berat, Madame de Poitvine, Philadelphia, Admiral Avellan, Columbia, Robusta and Italia. We still use Florence Vaughan a little; but for a good yellow Richard Wallace is the best of them all.

We have made recently some very effective beds with a combination of ricinus, caladium and abutilon; and of course we still use the coleus very largely. A big coleus bed laid out in a design is certainly a very gorgeous sight. The big bed at Trenton Junction, for instance, is a good example of what can be done with the coleus. A bed like this will take three thousand plants; but they are easy to grow and are inexpensive. The shrubbery in the background helps this situation very much, and of course the lively green of the surrounding lawn is indispensable. Imagine what a dreary, uninteresting place this would be without this blaze of color frame in green and harmoniously toned by its background of shrubbery. Take again the little triangle at the terminal station in Philadelphia. This is but a little patch, but it is the glimpse of the unexpected which catches the eye and pleases the traveler. This bed is made of coleus, caladiums, achryanthes and aloecasia. The clover-leaf bed in the same patch is of geraniums, edged with ageratum, with a yucca in the center. The work at Langhorne station is distinctive, as it has a fine perspective, and has an excellent background of privet hedging. Geranium John Doyle is used very freely here in conjunction with coleus beds.

I am still a strong believer in the privet for hedging. We use the Cal-

ifornia variety and find very little trouble with it winter killing, about which some complain. It has proven very satisfactory to us, being a quick grower, a beautiful glossy green, and absolutely free from all insect pests. We use this largely for wind-breaks to prevent snow drifting in winter as well as for ornamental purposes. Even when it does freeze, it comes up again from the roots. I do not use the barberry except in mixed shrubberies. I use the whole shrub family; but the various spireas and deutzias are our favorites. We also use the hardy hydrangea very profusely. Philadelphia, weigelia, hibiscus and Pyrus Japonica are also freely used. In lilacs we like Marie Le Graye best for white, and for a dark one Souvenir de Antoine Spaeth. Madame Lemoine, a double white one, is also very fine. I generally mingle evergreens in with the shrubbery, which latter are cut out gradually—leaving the evergreens. Trees are not largely used, chiefly because they would obstruct signals—a very important matter; but where they are permissible the Norway maple is the one preferred. It is the most uniform and is not so apt to break if kept reasonably trimmed. We trim our hedges twice a season, only for outside points; but elsewhere where they have to be always neat and uniform three or four times at least.

And now, gentlemen, coming back to the title of my story, "Railroad Gardening as a Paying Investment." I think the fact that my company has kept the system up enthusiastically during all the twenty-one years I have been in their employ and are as keen for it as ever is striking evidence that they have found it a paying investment. The territory over which I have direct charge runs from Philadelphia to Wil-



liamspport; from Reading to Harrisburg; from Reading to Allentown; from Philadelphia to Chestnut Hill; from Philadelphia to Bound Brook; from Philadelphia to Bethlehem; from Camden to Atlantic City and Cape May and several other branches. If any of you feel like getting away from the smoke, dust and din of the city, and settling down among healthful and pleasant surroundings—and have the price—first take a run along any of those lines any fine day in summer, and if you do

## THE DAHLIA.

### Cultural Notes.

Now is the critical time with dahlias. No matter for what purpose you are growing them, there is one fixed rule that must be followed to secure success. That rule is thorough and judicious cultivation. Many growers believe the cultivator should be run twice each week; each time going a little deeper.

the plant from making too rapid and soft a growth. You notice I make no mention of weeds, for with thorough cultivation there are none. Work your soil after each rain and you will not be troubled with them. It is never too dry to cultivate. No matter how light or heavy the soil, if you did not cultivate in time, do the best you can anyway and then, after the next rain, do it better.

How deep shall we cultivate? Until the buds show, we cultivate pretty deeply as we want the plants to grow dwarf and sturdy, as short-jointed as possible to give us the best results from our low branching system. In very rich soil, deep cultivation in the early stages will save a great deal of trouble and disappointment. After they come into bud and flower, however, we use broad sweeps and aim to run them two inches deep. This loosens up the soil and gives two and a half to three inches of loose earth mulch.

There is much more than cultivation in dahlia growing. You cannot achieve success without it, yet with the best cultivation you cannot get satisfactory results with unsuitable varieties or methods of handling the plants. Even for garden culture, some varieties must be disbudded, while for commercial cut flowers disbudding is an absolute necessity. You see, dahlias are generally grown outside subject to all weather conditions and vicissitudes, and you therefore have many points to consider at the same time. It would take a pretty big book to tell every detail. This is why you read and hear of so many failures. Each year scores of growers will come out with some great discovery that will make success certain for all; but, unfortunately, the next year brings forth different conditions and consequent failure. The writer had his share of troubles until 20 years ago, when a great truth was borne home most forcibly—nature never makes a mistake. The past 20 years we have always had a crop of dahlia blooms, regardless of conditions, when the season for dahlias came around.

A few words for the wise. Don't fertilize too heavily; in dry weather it



RAILROAD GARDENING.

Flower Beds on the Reading Railroad at Trenton Junction, N. J.

not find something that will suit both your desires and your dollars I will be very much mistaken.

"Greetings and Welcome you'll find there before you, And the oftener you come the more we'll adore you."

The greetings of the blooming flowers and the welcome of healthy surroundings—with safe and perfect service thrown in for a very small consideration.

### Orontium Aquaticum.

Few aquatic plants have such a charming and distinctive appearance as the orontium aquaticum, or golden club. Yet it is comparatively rare in gardens, says a writer in the Gardeners' Magazine, although of very easy culture, requiring a square yard or so in an open tank or pond. The plant belongs to the arum lily family (Aroidae), but is often devoid of the spathe, or large bract, which is characteristic of that family. The spathe, if present at all, is small, and placed some distance below the spadix. The inflorescences are produced freely on quite small plants in late May and June, and present a remarkable appearance in the distinct combination of the pure white peduncle surmounted by the golden-yellow spadix. The foliage is handsome, and a welcome change to that of nymphæas and other popular water-lyng plants. In common with the bulk of aquatics, the plant delights in a rich, greasy loam, to which is added about one-third of its bulk of cow manure, and it thrives best if planted with its crown from nine inches to a foot below the water level, as in this way the stalks of the flowers are sufficiently short and stout to hold the spadix well above the water. It is a native of North America, where it is found in ponds from Massachusetts to Pennsylvania, and is quite hardy.

Others think the complete destruction of grass and weeds is the only object of cultivation. These are the two extremes, and between lies safety and success. Three inches of straw, meadow hay, or other material will give a good mulch, keep down the weeds, conserve the moisture, and give success without cultivation. This, however, is expensive, and we substitute two or three inches of earth mulch.

Judicious cultivation consists practically of accomplishing two objects, viz.—conservation of moisture in hot and dry weather and destroying the surface roots in wet weather, thus preventing



RAILROAD GARDENING.

Flower Beds and Shrubbery on the Reading Railroad at Reading, Pa.



## RAILROAD GARDENING.

Flower Beds on the Reading Railroad at Langhorne, Pa.

does no good, and in wet the blooms are soft and will not keep. Do not try to make a plant produce more flowers than it can properly nourish. Do not develop size at the expense of keeping qualities. Do everything in reason. Modify what you think with what you know.

LAURENCE K. PEACOCK.

## Fertilizers.

Paper Read Before the Chicago Florists' Club by W. S. McGee, July 6, 1911.

It seems to me that every florist should have some knowledge of chemistry. I am convinced, too, that he can easily acquire an amount sufficient to be of practical value. The more he knows of the science of chemistry, the more he will be able to learn from the published reports of investigations carried on at our experiment stations and by other growers. Theoretical knowledge, added to the grower's practical knowledge, will give him a degree of independence of thought and action impossible to the grower who merely follows custom without understanding why.

Let us take the case of a florist who wishes to buy a ton of bone meal. He has before him catalogues from two equally reputable supply houses. Catalogue A shows a bone meal containing, let us say, nitrogen 2.50 to 3.30 per cent and phosphoric acid 23 to 26 per cent, while catalogue B shows a bone meal containing, we will assume, 3 to 3.8 per cent nitrogen and 22 to

25 per cent of phosphoric acid. One brand runs higher in nitrogen, while the other runs higher in phosphoric acid, and there would be a natural tendency to choose the one with the higher total content.

To make a fair comparison, however, we should compute the value of the different ingredients of each fertilizer. For this purpose we will use the values assigned by the authorities at the Indiana State Agricultural Experiment Station. These are taken from their bulletin for 1910 and give the following values: Nitrogen, 17½ cents per pound; total phosphoric acid in bone and tankage, 3½ cents per pound; in mixed fertilizers containing nitrogen, insoluble phosphoric acid, two cents per pound; in fertilizers not containing nitrogen, no value is placed on insoluble phosphoric acid; soluble potash (K<sub>2</sub>O), six cents.

Using the above prices in our comparison of the two brands of bone meal, we obtain the following results: Brand A, with 2½ per cent nitrogen, has 50 pounds of nitrogen to the ton and this is worth \$8.75; the phosphoric acid, 23 per cent, runs 460 pounds per ton and this is worth, at 3½ cents, \$16.10, making a total for this brand of \$24.85. For the B brand we find the three per cent of nitrogen worth \$10.50, and the 22 per cent of phosphoric acid worth \$35.40, giving a total for brand B of \$25.90, a difference of \$1.05 per ton in favor of the brand with the lower total content.

Other points, however, must be considered before final choice is made. The one per cent of difference in amount of phosphoric acid seems larger than the ½ of one per cent of difference in amount of nitrogen, but such is not the case. The one per cent is only 1-22 of the phosphoric acid content, while the ½ of one per cent is 1-5 of the nitrogen content. A knowledge of what the soil already contains and what the crop naturally requires would be of value here and should influence the grower's decision.

I find, upon looking over various catalogues, that all do not follow the same plan in giving the analysis of fertilizers. Some analyses give the amount of ammonia, but do not mention nitrogen; some give the amount of nitrogen, but do not mention ammonia, and some give the percentage of both of these ingredients. In order to compare any two fertilizers of the same general character, we must first reduce the analyses to similar terms.

If ammonia is given, we can find the percentage of nitrogen by multiplying by 14-17, or 82.3 per cent. To change from nitrogen to ammonia, multiply by 17-14, or 121.4 per cent. Ammonia is a chemical compound containing nitrogen; hence nitrogen is always present in any fertilizer containing ammonia or ammonia compounds. Ammonia is made up, by weight, of fourteen parts of nitrogen and three parts of hydrogen; hence the above rules



for reducing from the one to the other.

In one catalogue I find four different expressions, all referring to phosphoric acid and all on the same page. In one case a fertilizer seems to contain bone phosphate and phosphate acid; in a second case phosphate acid alone is named; a third has bone phosphate alone and the fourth phosphoric acid. This lack of uniformity makes some brands of fertilizers appear at a disadvantage when nothing of the kind was intended. Phosphorus, like nitrogen, is a chemical element incapable of reduction to any simpler form. Some authorities insist that in all published analyses the percentage of the element should be given, rather than that of some chemical compound containing the element.

In order to show what might happen to an analysis when we apply to it just a little chemistry and just a little arithmetic, let us take the case of a blood and bone fertilizer advertised by a perfectly reliable house and with presumably honest intentions. The analysis shows this article to contain: Ammonia,  $6\frac{1}{2}$  to seven per cent; bone phosphate, 20 to 30 per cent. The ammonia,  $6\frac{1}{2}$  to seven per cent, reduces to nitrogen 5.1-3 to 5% per cent, and the bone phosphate, 20 to 30 per cent, reduces to phosphoric acid 9 to 13% per cent, the phosphoric acid constituting usually about 45 per cent of bone phosphate. Bone phosphate and phosphoric acid may truthfully be said to have the same effect as fertilizers, but it does not follow that 20 per cent of one is equivalent to 20 per cent of the other. The average grower might simply glance at the percentage column and not notice that the figures were in one case for phosphate and in another for phosphoric acid. In a case of this kind we must not overlook the possible influence of the overambitious salesman representing the house with the bone phosphate.

Thus far we have considered fertilizers merely as a source of plant food to be added to the soil. Every experienced grower knows that fertilizers have various other important uses. A fertilizer may be of value in at least six different ways: First, it may contain additional plant food; second, it may act upon the plant food already in the soil to render it more readily available; third, it may operate to make compact soils more porous or open, so that air and water and plant roots may more easily penetrate; fourth, it may add humus to a sandy soil, thus greatly increasing its power to retain water; fifth, it may act as a mulch to prevent the too rapid evaporation of water from the surface, and sixth, it may act as does lime, to counteract the acidity of a soil. Some fertilizers are of value in perhaps one way only, while others are helpful in several ways.

Commercial fertilizers, such as bone meal, blood and bone, wood ashes, sodium nitrate, etc., are used merely to supply plant food. In selecting from this list it should be remembered that each of the three essential constituents, nitrogen, phosphoric acid and potash, has its own peculiar effect on the growing plant. An abundance of one of these three elements can not make up for a lack of another, any more than a strong link in a chain can make up for a weak link somewhere else. It would evidently be a

great saving to the grower if he could know what his soil already contains and what each kind of crop requires.

Natural manures seem to serve several purposes. Besides supplying additional plant food, they may improve the so-called physical condition of the soil. As outlined above, they may serve as a mulch; they may render a compact clay soil more open; they may add humus to a sandy soil to enable it to retain water. The humus has another beneficial effect; the presence of humus seems necessary to the growth of certain forms of bacteria which have the peculiar power of rendering many insoluble compounds soluble.

As pointed out by Prof. Dorner in the trade papers, lime is a fertilizer which influences the soil in several different ways. Heavy soils are made more open by it; sandy soils are bound together by it; it neutralizes the acids formed by the decay of organic manure—that is, it keeps the soil sweet; it renders other plant foods available; it supplies needed plant food; it favors bacterial growth and has an effect on insects and fungous growths.

So varied is the composition of soils and of fertilizers, and so diverse are the effects of the great array of fertilizers now in use, that only patient, persistent study can enable the florist so to adapt his soil, his crops and his fertilizers as to secure a proper return for his outlay of hard toil and hard earned money.

## THE GLADIOLUS.

### American Gladiolus Society.

The second exhibition of the American Gladiolus Society will be held in connection with the annual convention of the Society of American Florists in the Fifth Regiment Armory, Baltimore, Md., August 15-18, 1911. The following rules have been adopted to govern the exhibition:

#### RULES.

All entries must be made to the recording secretary not later than three days before the first day of the exhibition, on blanks provided by the secretary for the purpose.

Exhibits in competition for prizes must be of the exhibitor's raising.

Exhibits must be in place 12 noon each day on which exhibits are to be judged.

Exhibitors are required to keep their flowers in fresh condition during the time the exhibition remains open.

Exhibitors will be awarded but one premium in each class in which they compete and then only where the exhibits on their merit warrant the judges in making awards.

While the society will take reasonable care of the property of exhibitors yet it will not in any way be responsible for the loss or damage of anything exhibited.

Exhibits after being staged cannot be removed until the exhibition is closed, without the consent of the exhibition committee.



RAILROAD GARDENING.

Flower Beds on the Reading Railroad at the Terminal, Philadelphia, Pa.

SAN JOSE, CALIF.—The annual convention of the Pacific Coast Association of Nurserymen was held in this city June 21-23. A reception, banquet and an automobile trip to points of interest were the entertainment features.

BOUND BROOK, N. J.—The dead body of Ernest Marland was discovered by fellow workmen in the greenhouses of Thomas Young, Jr., June 30. He had committed suicide by shooting. Marland was 30 years of age and leaves a widow and three children.

The society requests exhibitors to attach labels to exhibits. Correct naming of varieties is very important.

Exhibitors will be required to provide tables and everything else necessary for table decorations.

In entering every exhibitor agrees to be governed by the rules.

#### NOTICE.

As all space has to be reserved in advance it is very important that entries be made promptly.

The society will provide space and vases for amateurs and private gardeners.

Professional growers and dealers will be required to provide their own space and vases.

When it is desired that exhibits be staged by the society notice should be sent as early as possible to the corresponding secretary.

Exhibits by express should be addressed to American Gladiolus Society, Fifth Regiment Armory, Baltimore, Md. Express charges prepaid. Schedule of prizes.

The following premiums are offered:

#### OPEN CLASS.

Class 1. Henry F. Mitchell Co's. prize. Silver cup for the best 25 spikes of new gladiolus Kunderd's "Glory" exhibited in one vase.

Class 2. Vaughan's Seed Store prize. Silver cup for the best and largest collection of blue shades in lots of six separate colors, not less than 25 spikes.

Class 3. M. Crawford's prize. 50 bulbs of Gladiolus "White Lady" for the best six spikes of any white variety.

Class 4. Peter Henderson & Co's. prize. \$10 for the best 10 varieties not now on the market. Three spikes each.

Class 5. W. Atlee Burpee's prize. \$10 for the best collection of 10 varieties; six spikes each.

Class 6. E. E. Stewart's prize. \$5 for the best vase of 12 spikes Gladiolus "Golden Queen."

Class 7. E. E. Stewart's prize. \$5 for the best vase of 12 spikes Gladiolus "President Taft."

Class 8. B. F. White's prize. \$5 for the best vase of new seedlings not less than 25 varieties, never before exhibited.

Class 9. E. H. Cushman's prize. \$5 for the best vase of 25 spikes of one white variety.

Class 10. A. T. Boddington's prize. \$5 for the best vase of any named yellow variety.

Class 11. John Lewis Childs' prize. \$10 for the best collection of Childs' varieties; three spikes each.

Class 12. The Gardeners' Chronicle prize. Challenge cup for the exhibit containing the largest number of standard named varieties, correctly labeled.

Class 13. Stumpp & Walter Co's. prize. \$10 for the best collection of 15 varieties; three spikes each.

Class 14. B. Hammond Tracy's prize. Silver and glass vase for the best table decorated with gladioli, the table to be laid for six covers.

Class 15. N. L. Crawford's prize. \$5 for the best center-piece for dining-table.

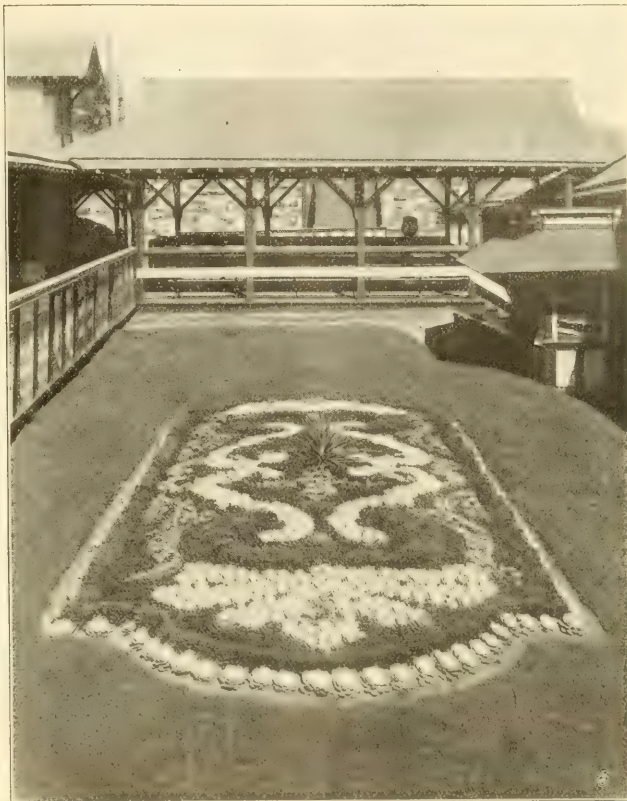
Class 16. Frank Banning's prize. \$10 for the best vase of Gladiolus "Niagara," three or more spikes.

Class 17. H. H. Groff's prize. \$10 for the best exhibit of Gladioli in white and light; dark, blue, and yellow hybrids, not more than three spikes of each variety and not less than one vase of each color section.

Class 18. Rowehl & Granz's prize. \$12 for best 100 spikes Gladiolus "Augusta"; 2nd, \$8.00; 3rd, \$5.00.

Class 19. A. E. Kunderd's prize. \$10 and 100 bulbs Gladiolus Kunderd's "Glory" for the best display of above variety.

Class 20. A. E. Kunderd's prize. 100 bulbs of Kunderd's "Glory" for the



RAILROAD GARDENING.

Flower Bed on the Reading Railroad at Huntingdon Street, Philadelphia, Pa.

best vase of 20 spikes of above variety; 50 bulbs for 2nd best vase.

Class 21. Kelway & Son's prize. Silver medal. Best collection named varieties, Kelway's large-flowered strain.

#### AMATEUR CLASS.

Class 1. W. E. Kirchoff Co's. prize. Gold medal for the best display of Gladiolus "Princepine."

Class 2. Montague Chamberlain's prize. Silver cup for the best six named varieties, one spike each.

Class 3. John Lewis Childs' prize. For the best vase of Gladiolus "America," not less than 12 spikes.

Class 4. A. T. Boddington's prize. \$5 for the best collection of yellow named varieties exhibited by an amateur.

Class 5. J. M. Thorburn & Co's. prize. Silver cup for the best collection of Primulinus type and hybrids.

Class 6. L. Merton Gage's prize. \$5 for the best six varieties of blue gladiolus exhibited in one vase.

Class 7. A. E. Kunderd's prize. 100 bulbs Gladiolus Kunderd's "Glory" for the best vase of six spikes of above variety; 50 bulbs of Kunderd's "Glory" for 2nd best vase.

Class 8. Arthur Cowee's prize. \$5 for the best exhibit of 10 spikes each of a yellow variety and a blue variety.

Class 9. Arthur Cowee's prize. \$5 for the best exhibit of 10 spikes each of a red variety, white variety and a pink variety.

L. MERTON GAGE, Secy.

#### Gladiolus Tristis.

Three large clumps of this gladiolus have been so beautiful for the past month that I feel impelled to write a few lines concerning them. This species shows great variation. In Nicholson's "Dictionary of Gardening" the three upper segments of the flowers are said to be spotted with minute reddish-brown dots, and the height is given as one foot. This form is unknown to me. W. Watson, writing on the plant, says: "G. tristis is very variable. It is said to vary in the color of the flowers from pure white to almost wholly purple." The form I grow, however, is a clear, pale, sulphur-yellow, and unspotted. This is sometimes known as G. tristis concolor or sulphureus. I have recommended many friends to procure it, but the corms sent have invariably produced flowers with a band of purplish-black stretching up the center of the three upper petals, so it appears that nurserymen do not possess the clear sulphur form, which is far superior to the banded variety. Though a



native of Natal, it is perfectly hardy in the southwest, even when planted only three inches beneath the surface, and entirely unprotected by mulching. This charming gladiolus is seldom met with except in Devon and Cornwall, but it merits extended culture, says a correspondent of *Gardening Illustrated*. The leaves are rush-like, and, when cut horizontally, show a section like a cross in form. They are about three feet in length, and have withered by the middle of July. After twilight has set in the blossoms become delightfully fragrant, and a large clump will exhale quite a magnolia-like perfume after dark on still nights. With me the flower-spikes attain a height of three feet or upwards, but in the late Mr. Archer-Hind's garden, where the soil is heavier, and in another near Truro, they are four feet high or more, while from four to five flowers, all of which are expanded simultaneously, and which each measure three and one-half inches in diameter, are borne on strong scapes. It increases very rapidly by bulblets and also by seed, and where the seedpods are not removed, numbers of seedlings may be seen rising from the ground around the parent clumps. It is a most valuable species, since it is by far the earliest of its family to flower, often being in full bloom in the southwest by the middle of April, long before the so-called early gladioli of The Bride type are in flower.

#### Sweet Pea Evolution and Pollination.

Paper read by A. C. Beal before the National Sweet Pea Society at Philadelphia, Pa., June 29, 1911.

During the first one hundred years of the history of the sweet pea only three varieties or colors were known, viz., purple with blue wings, pale red with white wings (Painted Lady), and white. The black and scarlet appeared in the last years of the eighteenth century. It is quite probable that the scarlet was very far from what we conceive a scarlet sweet pea should be today. In Martyn's edition of Miller's *Gardener's Dictionary*, 1807, we find the white, the Old Painted Lady, the New Painted Lady, the latter with a rose-colored standard and pale rose wings; Old Purple, and a variety having a violet keel and wings and purple standard. Sayers describes the scarlet sweet pea as *Lathyrus flos rosea*, while the Painted Lady is described as "Fleshed" color. From this we may conclude that the New Painted Lady, a rose-colored variety, was sometimes called scarlet.

The first of the striped varieties was offered in 1837 and since that date this group has been augmented until the classification now includes striped and flaked (red and rose, purple and blue). This classification, however, does not express the real range of color in this group, for we have crimson stripes, e. g., America; red and rose stripes on white—Aurora; red and rose stripes on primrose—Jessie Cutlibertson; mauve stripes—Gaiety; blue stripes—Prince Olaf, and Hester; maroon-flaked like Senator. The American growers have introduced the majority of the best varieties of this group among which are America, Aurora, Columbia, Daybreak, Gray Friar, Juanita, Pink Friar, Ramona, and Wawona. Many of these are now procurable in the waved form.

The variety Blue Edged, the probable forerunner of the picotee forms, appeared in 1860. This is a white variety with a well-defined blue edge, a

probable hybrid between *L. Magellanicus* and a white variety of *L. odoratus*. The variety, at all events, was the first to exhibit a distinct blue color among sweet peas. Later it was known as Blue Hybrid, under which name it won an award from the Royal Horticultural Society. Sutton & Son sent out Butterfly in 1878, which somewhat resembled Blue Edged. The so-called "blues" that followed were Invincible Blue, Madame Carnot or Imperial Blue, and Captain of the Blues, all of which had considerable red in the standard. It was not until 1899 that a good blue, in Navy Blue (Lord Nelson), appeared. The first of the soft pink varieties was Crown Princess of Prussia, 1868-9. Isa Eckford, Peach Blossom, and Lovely are the improved varieties of this color.

The efforts of the breeders of sweet peas have not all been directly toward the development of new shades of color.



W. W. Tailby, Jr., Wellesley, Mass.

The form of the flower has also received attention. The earliest representations of sweet pea flowers show a loose, irregular bloom, with the edges of the standard turned back, i. e., reflexed. Often, if not always, the standard had the notch in the apex and frequently in the margin. The standard, which is the principal part of the flower, has been improved in substance and the notches have been eliminated. The old type had a narrow base, and with the improvement noted has come a "filling out" of the lower edges of the standard so that the outline approaches a circle. In their efforts to secure varieties of the best expanded or open form many beautiful hooded varieties were originated. While this form was condemned as inartistic by many sweet pea specialists, it nevertheless secured a permanent place. Prima Donna, Lovely and Countess of Radnor are of this form.

When many had reached the conclusion that no further advances in either size of form were to be expected and that the efforts of future breeders would be directed toward securing new colors and more flowers per stem, Nature demonstrated that she had other surprises in store. In 1901 the Countess Spencer variety was exhibited and caused quite a sensation. The National Sweet Pea Society awarded it the highest honors. This variety was

distinct from all preceding introductions because the standard and wings waved. The flowers were very large, and borne in fours on stout stems. It was introduced in 1904. The parentage of this variety has been given as (Lovely x Triumph 1898) x Prima Donna 1899. However, there appeared in 1905 a variety named Gladys Unwin which was the same color, but smaller and less waved than Countess Spencer, which was a selection from Prima Donna without known crossing being effected. These varieties, however, were forerunners of the new type which revolutionized sweet pea culture in England and has revived and quickened the interest in America.

#### POLLINATION.

We have previously noted that the pistil and stamens are enclosed in the keel formed by the partial coalescing of the two lower petals. A very slight pressure upon the base of the keel will cause the pistil to suddenly appear in the tip of the keel. The stigmatic surface is usually covered with pollen, and at the same time the stamens appear to view. If the pressure is released these organs disappear as suddenly from view. Those who are looking for flower adaptations for the promotion of cross-fertilization would say at once that here we have a mechanism which is operated by the weight of a bee alighting on the keel, and the pistil and stamens rise up striking it upon the body, receiving and giving pollen. Thus as the insect visits flower after flower, natural cross-fertilization is carried on. This, however, is not the case. In the first place if we examine flowers in the bud stage, we find the pollen ripe. The position and condition of the stigma changes, for before the maturation of the pollen, the stigma is below the anthers. A day or two later the stigma has risen to a position among the anthers and is viscid enough to hold the pollen grains. In another day or two it has grown beyond the anthers. Self-fertilization has taken place and the development of the legume begun. This process has taken place before the flower is fully open. Sometime later the pistil is pushed out of the protecting keel by the developing pod.

Such is the normal fertilization of sweet peas, as observed upon examination of the flowers. Attention has been called to the fact that the sweet pea stood practically for one hundred and fifty years, and the question asked how it can be reconciled with natural cross-fertilization. During the writer's experience in the field last season for three months studying varieties and recording observations, not a single instance occurred of a bee alighting upon the keel of the flower, nor were any observed crawling between the wings. All the bees observed visiting the flowers, alighted on the outside of the wings, and in practically every case, thrust the proboscis down between the right wing and the standard. In this connection it may be mentioned that the bees did not show a preference for any particular color, but flew from row to row and color-section to color-section. T. H. Dippal has observed that bees attack sweet pea flowers. The bee (a yellow and white banded species) alighted on the calyx, crawled around to a certain position, and cut a hole through the calyx so that it could thrust its proboscis through and suck the nectar at the base of the pod. The



OPENING OF COMMODORE WESTCOTT'S ROD AND GUN CLUB HOUSE, WARETON, N. J., JUNE 23, 1911.

reason is not clear why the insect prefers one side of the flower since the structure is similar on each side. It is to be remembered in this discussion that sweet peas grown under glass in winter are not visited by bees, but every flower in sunny weather will set seed if the blooms are not kept cut.

Since the introduction of the waved type there has been much discussion about the difficulty in fixing varieties and the reasons for it. Some growers, having secured what was to all indications a fixed stock, discovered after sending it out, that it was not fixed. Some growers thought it only occurred when the novelty was sent to California to work up a large stock of seed, or after it had passed into the hands of the California growers. One of the theories advanced to explain this was that some insect in California was responsible for some cross-pollination of flowers. In our own trials this past season no differences were observed between English or American grown stock since we had seeds of novelties direct from the originators and our varieties were from the introducers. Others say that bees visit the flowers and they believe that crossing takes place in the waved type which it is maintained does not produce normal flowers in that the pistil sometimes projects beyond the keel. It appears that if this view is correct that the poor seeding of the waved type would not occur or at least that the worse the fault of the flowers the greater the crop of seed. Thus the varieties which seeded freely

would become cheap and drive out the others. The writer thinks that the results obtained by the seed growers contradict the theory. It appears that the poor setting of seed may be due to the fact that the pistil may grow out beyond the anthers before the latter are mature and thus fertilization be prevented by irregular development of the parts. Otherwise the pollen may be impotent in some varieties, but this does not occur so far as the writer has studied the reports of the sweet pea breeders. The writer did not observe any pistils showing the defect mentioned, but as our season was very dry our plants did not make an exceptional growth which would be likely to express itself in abnormal flowers. However, it was observed that some varieties seeded more freely than others. We have planted most of the varieties this year from seeds saved in 1910, and knowing those which were fixed last year as well as those with rogues of certain colors we think that some light may come upon this matter of cross-fertilization, if any, in the sweet pea.

NORTHPORT, N. Y.—Arthur Cockcroft is building one of the largest green-houses on Long Island. It is 60x400 feet, of iron construction.

SCRANTON, PA.—T. B. McClintock of Jefferson avenue is building three houses 20x120 feet which will greatly enlarge the capacity of his green-houses.

#### Lice on Aster Roots.

ED. AMERICAN FLORIST:

Can you inform me what is the cause of root lice on asters? What is the remedy? O.

Root lice, or corn aphid, known scientifically as *Aphis maidi-radici*, are frequently found at the roots of asters. These aphids are wingless and are transported by the little brown ant who cares for the eggs in their burrows during the winter, transferring the young as soon as hatched in the spring to the roots of young weeds, especially foxtail grass, smartweed and even ragweed, and as soon as corn or other crops, from the roots of which they suck the sap are growing, again transport them to these crops.

Keeping the weeds down in early spring, continued cultivation and late fall plowing will keep the homes of the ants continually broken up and have proved to be preventative measures. Where crop rotation is practised this pest does but little injury, and asters should not be planted on ground which is known to be infested with these insects. We would recommend that "O" try bisulphide of carbon as a remedy, in the following manner. Make a small hole in the soil near the root of the plant but not deep, pour into it a teaspoonful of bisulphide of carbon and immediately close the hole by throwing a little dirt over it and pressing it down with the foot. This remedy is very efficacious in ridding the soil of ants, but with an ant hill must be used in larger doses. W.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico, \$1.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send be old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

THIS ISSUE 52 PAGES WITH COVER

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THE MONON RAILROAD.—As many of our readers are aware, the Monon Railroad has taken quite a conspicuous part in the affairs of the Society of American Florists. In 1885 this was the road selected by the trade for the trip from Chicago and points west to the first convention at Cincinnati. It was at this convention, they say, that the Monon Railroad furnished, without charge, a special train to convey the visitors from Cincinnati to Dayton, to visit the Soldiers' Home, where a bountiful dinner was served by the railroad management of that day. The Monon Railroad carried the Chicago delegation to Cincinnati again on the occasion of the twenty-fifth anniversary convention in 1909 and now the Chicago contingent is planning to start for the Baltimore convention on the same road, the President's Special leaving Sunday, August 13, at 10:30 p. m. Details of the trip will be found elsewhere in this issue.

## Burbank on Reciprocity.

In response to a letter forwarded to Luther Burbank requesting his opinion in regard to reciprocity with Canada by the public press he writes as follows: "I can see no reason why it should not be consummated as it must be of benefit to every individual living in the United States, with perhaps the exception of a few who are fattening on special privileges."

## Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the everyday florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of this high-grade work.

## American Rose Society.

Following the Boston flower show, the secretary of the American Rose Society suggested the desirability of preparing an accurate list of roses of American origin for permanent record. One of the roses exhibited at Boston and which has been filed with us is the Madison, originated during the year 1906, the parentage being a cross between the Perle des Jardin, Bride and Meteor.

One new life member has been added to the society, which increases the amount of the permanent fund \$50.

There will be a general meeting of the American Rose Society at Baltimore at the Society of American Florists' convention in August. There are some matters that should be settled in regard to the prize awards at Boston, that cannot be until that meeting.

The certificates of merit have been forwarded to A. N. Pierson Co., Cromwell, Conn.; F. R. Pierson Co., Tarrytown, N. Y., and Robert Scott & Son, Sharon Hill, Pa.

BENJAMIN HAMMOND, Sec'y.

## Chicago to Baltimore.

The Chicago Florists' Club, at its regular meeting July 6, decided in favor of the Monon Railroad for the Baltimore convention trip and arrangements are being completed by which the President's Special will leave Chicago Sunday, August 13, at 10:30 p. m., arriving at Cincinnati at 7:50 Monday morning. There will be a stop-over at Cincinnati for a couple of hours to get together the various delegations from Louisville, St. Louis, Peoria, Indianapolis, Dayton, Toledo, Detroit and other nearby points. From Cincinnati the President's Special will proceed direct to Baltimore, arriving Monday at 7:30 p. m. The fare for the round trip, Chicago to Norfolk, via Baltimore, good for 30 days, is \$27.00. Lower berths, one way, are \$4.50, upper berths \$3.60. Many side trips can be arranged by rail or water to Washington, Philadelphia, New York, Boston, etc., at small additional cost. Reservations will be made at Chicago by Herbert Wiley, General Agent Passenger Department, Monon Railroad, 104 South Clark street. Telephone, Harrison 3309.

## Trade Exhibition at Baltimore.

Space for trade exhibits at the Baltimore convention of the Society of American Florists, August 15-18, was taken as follows July 7:

The Advance Co., 100 square feet.  
American Auxiliary Heating Co., 200 sq. ft.  
Aphne Mfg. Co.  
Chas. D. Ball, 100 square feet.  
H. Bayersdorfer & Co., 900 square feet.  
Wm. J. Bos & Co., 100 square feet.  
Bobbins & Arlins, 300 square feet.  
Arthur T. Roddington, 300 square feet.  
J. Boigiano & Son, 400 square feet.  
John Lewis Childs, 300 square feet.  
The Conrad & Jones Co., 50 square feet.  
Arthur Cowes, 900 square feet.  
Robert Craig, 600 square feet.  
Henry A. Drees, 600 square feet.  
Henry A. Drees, 300 square ft.  
Edwards Folding Box Co., 100 square feet.  
H. Eichholz, 50 square feet.  
Florists' Exchange.  
Geo. M. Garland Co., 320 square feet.  
Gem City Boiler Co., 200 square feet.  
Griffith Turner Co., 300 square feet.  
Harrison Bros., 200 square feet.  
A. H. Hews & Co., 100 square feet.  
Hiltbings & Co., 320 square feet.  
Hubert Bulb Co., 150 square feet.  
J. B. Hutchinson, 50 square feet.  
Jackson & Perkins Co., 50 square feet.  
Johnson Heating Co., 320 square feet.  
Jones & the Holly Wreath Man, 200 sq. ft.  
King Construction Co., 300 square feet.  
Kneeschell Bros. Co., 320 square feet.  
Lager & Burrell, 150 square feet.  
Fred Leno, 50 square feet.  
Lord & Burnham Co., 320 square feet.  
McFarland Pulpity Service, 100 square feet.  
W. A. Mandy, 200 square feet.  
Means & Thacher, 100 square feet.  
Henry F. Michell Co., 600 square feet.  
Morehead Mfg. Co., 40 square feet.  
J. H. Moss, 200 square feet.  
Jos. G. Neidinger, 400 square feet.  
S. S. Pennock-Meehan Co., 200 square feet.  
F. R. Pierson Co., 300 square feet.  
Reed & Keller, 400 square feet.  
Revere Rubber Co., 200 square feet.  
Julius Roberts Co., 300 square feet.  
Roseville Potteries, 320 square feet.  
Schloss Bros., 200 square feet.  
Shaw Fern Co., 150 square feet.  
The Storrs & Kellogg Co., 100 square feet.  
Stump & Walter Co., 300 square feet.  
Thomson Chemical Co., 100 square feet.  
B. Hammond Tracer, 100 square feet.  
U. S. Radiator Corporation, 320 square feet.  
Wertheimer Bros., 200 square feet.  
Wilma Cope & Bros., 100 square feet.  
Wilson Pl. Oil & Ftyr. Co., 100 square feet.  
Wilson Pl. Oil & Mlzr. Co., 100 square feet.  
O. F. Zurn Co.

## Coming Exhibitions.

(Secretaries are requested to supply any omissions from this list, and correct any dates that may have been altered since the last advices.)

Chicago, September, 1911.—Exhibition of annuals, perennials and vegetables. Horticultural Society of Chicago, Art Institute, J. H. Burdett, secretary, 1620 West 104th Place, Chicago.

Cincinnati, O., November 13-18, 1911.—Fall exhibition. Cincinnati Florists' Society, Horticultural Hall-Milwaukee Society, secretary, 131 East Third street, Cincinnati.

Lenox, Mass., August 10, 1911.—Annual and perennial exhibition. Lenox Horticultural Society, Town Hall, Geo. H. Instone, secretary, Lenox.

Lenox, Mass., October 25-26, 1911.—Grand fall exhibition. Lenox Horticultural Society, Town Hall, Geo. H. Instone, secretary, Lenox.

New Bedford, Mass., September 14-16, 1911.—Ninth annual fall exhibition. New Bedford Horticultural Society, Old Fellows Hall, Jeremiah M. Taber, secretary, 117 Scream street, New Bedford.

New York, September 19-21, 1911.—Dahlia, fruit and vegetable show. American Institute of the City of New York, West Forty-fourth street, Wm. A. Ezgleston, secretary.

New York, November 3-7, 1911.—Fall exhibition. Horticultural Society of New York, American Museum of Natural History, Central Park West and Seventy-seventh street, Geo. V. Nash, secretary, New York Botanical Garden, Bronx Park, New York.

Milwaukee, Wis., November 13-19, 1911.—Fall Flower Show. Milwaukee Florists' Club, Auditorium, Gustav C. Mueller, secretary, 926 Ninth street, Milwaukee.

St. Louis, Mo., November 7-11, 1911.—Fifth fall floral exhibition and sale. St. Louis Horticultural Society, Coliseum, Jefferson and Washington avenues, Otto G. Koelke, secretary, 6175 Florissant, St. Louis.

St. Louis, Mo., November 7-11, 1911.—Annual exhibition. Cynanthemum Society of America, in connection with the St. Louis Horticultural Society.

Stamford, Conn., November 3-4, 1911.—First annual exhibition. Stamford Horticultural Society, Casino, J. W. McCardie, secretary, Merritt building, Greenwich.

Tarrytown, N. Y., October 31-November 2, 1911.—Thirtieth annual exhibition. Tarrytown Horticultural Society, Music hall, E. W. Neumann, secretary, Tarrytown, N. Y.

Winning, Mass., September 13, 1911.—Flower show. Winnipic Horticultural Society, W. J. Prattiston, secretary, 389 Maryland street, Winnipic.

## Meetings Next Week.

Boston, Mass., July 13.—Gardeners' and Florists' Club of Boston, Horticultural Hall.  
 Detroit, Mich., July 17, 8 p. m.—Detroit Florists' Club, 112 Farmer street.  
 Grand Rapids, Mich., July 17.—Grand Rapids Florists' and Gardeners' Club, office of member.  
 Montreal, Que., July 17, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Royal Guardians building, 211 Sherbrooke street, west.  
 New Orleans, La., July 20, 8 p. m.—New Orleans Horticultural Society, Kolos' hall, 127 St. Charles avenue.  
 Newport, R. I., July 19.—Newport Horticultural Society.  
 Pasadena, Calif., July 21, 8 p. m.—Pasadena Gardeners' Association, Board of Trade rooms, West Colorado street.  
 Providence, R. I., July 17, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 96 Westminster street.  
 Salt Lake City, Utah, July 18.—Salt Lake Florists' Club, Huddart Floral Co., 64 Main street.  
 Scranton, Pa., July 21, 7:30 p. m.—Scranton Florists' Club, Guernsey building.  
 Seattle, Wash., July 18.—Seattle Florists' Association, Chamber of Commerce, Second avenue and Columbia street.  
 St. Paul, Minn., July 18, 8 p. m.—Minnesota State Florists' Association, 610 Snelling avenue, north.  
 Toronto, Ont., July 18, 8 p. m.—Toronto Gardeners' and Florists' Association, St. George's hall, Elm street.

## Wants, For Sale, Etc

## One Cent Per Word, Cash with Adv.

## For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra to cover postage, etc.

**Situation Wanted**—In packing and shipping department of a Chicago wholesale house: experienced; can furnish the best of references.  
 Key 467, care American Florist.

**Situation Wanted**—Gardener, German, 26 years old, wishes steady position in private place, experienced in landscape, greenhouse, vegetables etc.: best of references. Address:  
 Key 469, care American Florist.

**Situation Wanted**—By all around seed man, either as manager of retail house or a position of trust; can give high class reference; about 20 years' experience in the seed business. Address:  
 Key 462, care American Florist.

**Situation Wanted**—By a middle aged German, first class grower of plants and cut flowers, as working foreman or in section of carnations; please state wages and particulars in a first letter, no references will be sent; place near Chicago preferred. Key 470, care American Florist.

**Situation Wanted**—An experienced German gardener, 26 years of age, 18 months in this country, want a steady place by July 15; thoroughly versed in the growing of carnations, cyclamen, chrysanthemums and pot plants also in forcing and outdoor work; please state wages with offers. FREDRICH JUNGE,  
 662 Diversey Blvd., Chicago, Ill.

**Situation Wanted**—Middle aged German gardener, propagator, carnation grower, grower of flowers for the holidays and grower of ten good specialties for greenhouses, bedding plants and general greenhouse plants; perfect in nursery work and outside gardening; with good references; an independent; wishes situation in commercial or private garden. Address:  
 Key 464, care American Florist.

**Situation Wanted**—By florist and gardener, 32 years of age, married, has life time experience of practical horticulture, covering the routine work of cut flowers, fruits and vegetables under glass and outdoors, also walks, lawns, hardy trees and shrubs; had one prize at exhibitions for Am. Beauty and mums; can give high class references; last position four years. Address:  
 T. KWATKOWSKI, Florist,  
 90 Wythe Ave., Brooklyn, N. Y.

**Help Wanted**—Six budders and six tyers; state experience and wages expected. Address:  
 W. T. HOOD & CO., Richmond, Va.

**Help Wanted**—At once, strong boy or young man as assistant in up-to-date carnation houses; must be willing to do all kind of work.  
 Key 472, care American Florist.

**Help Wanted**—10 live salesmen thoroughly acquainted with the florist, nursery and seed trade; must have A1 references; apply by letter only, stating qualifications in first communication.  
 Key 463, care American Florist.

**Help Wanted**—Established seed house doing good profitable business seeks managing partner; no money required; just ability; owner has other business requiring his time; exceptional opportunity for hustler; give qualifications and references.  
 Key 468, care American Florist.

**For Sale**—Four thousand feet of glass, three houses, very cheap; good chance for a young man with moderate means.  
 EDGAR EASTERDAY, Nokomis, Ill.

**For Sale**—Well established greenhouse business for sale; located in a college town half way between Utica and Norwich, N. Y.; terms reasonable.  
 L. R. SMITH,  
 Box 1034, Hamilton, N. Y.

**For Sale**—Two greenhouses, well stocked with Boston lilies and pot plants, one 20x125 feet and the other 16x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 16x20 feet in connection; good location for retail trade; for further particulars call on or write,  
 4228 N. 40th Ave., Chicago, Ill.

**For Sale**—Sunnyside Greenhouses for sale on account of ill health; one of the best in central Michigan; will sell for less than half what they cost; 11 greenhouses; over 20,000 feet of glass, with three acres of land; all in running order in city of about 10,000 population, with best shipping facilities. Price, \$5,500.  
 JNO. S. SCHLEIDER, Owosso, Mich.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write  
 J. T. HELBROK, 941 Wrightwood Ave., Chicago, Ill.

**Wanted**—Commercial greenhouse within 20 miles of Boston; write particulars.  
 Key 471, care American Florist.

**Wanted to Lease**—From 15,000 to 30,000 feet of glass, within 50 miles of New York City; modern place required with good dwelling and outbuildings; prefer several acres. Address:  
 CHAS. BARSON, Ossining, N. Y.

## GARDENER WANTED

One familiar with Orchid growing.  
 \$16.00 per week to start.

**GEORGE REINBERG,**  
 2057 Balmoral Ave., CHICAGO.

## Wanted---Carnation Grower

Must be good at pot plants and propagating. Situation open July 1. Wages to the man who can handle the job, \$15.00 per week, but not \$15.00 per week till the man proves he is a \$15.00 per week man. Address

Key 461, care American Florist.

## Wanted---Seedsman

Who has had some experience in calling on country trade and capable of working in the house when road work is done. For months of the year road work balance of the time in the house.  
 Key 440, care American Florist.

## NEW YORK SALESMEN

We need men who are familiar with the greenhouse trade in and around New York. State age, experience and salary.

Address

Boilers, care of American Florist

## Wanted

Information from nurserymen or cut flower growers in the north where there is no Hay Fever, and where Peonies come in bloom in the middle of June or later. Object purchase; but there must be no Hay Fever. Want a place that can be made self-sustaining. Address

KENNICOTT BROS., 163 N. Wabash Ave., Chicago.

## NOTICE

—OF—

## STOCKHOLDERS MEETING

CHICAGO, July 13, 1911.

## Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel Belvidere, Charles and Chase Streets, Baltimore, Md., Wednesday, August 16, 1911, at 3 o'clock p.m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres  
 M. BARKER, Sec'y.

## The Best Color Chart

For Florists, Seedsman  
 and Nurserymen.

ERFURT, GERMANY, May 9, 1911.

AMERICAN FLORIST CO., Chicago, U. S. A.,

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Matthews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly,

ERNST BENARY.

Published and For Sale by the

American Florist Co.,

440 S. Dearborn Street,  
 CHICAGO.

Price One Dollar, Postpaid.



# New Beauties

Fine large flowers on long stems with splendid foliage.

The Best in The Market.

Buy Direct of the Grower and Get Fresh Stock

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz. |
|------------------|----------|
| Extra long.....  | \$3 00   |
| 24-30-in.....    | 2 00     |
| 18 to 24-in..... | 1 50     |
| 12-in.....       | 1 00     |
| 8-in.....        | 75       |
| Short stems..... | 4 00     |
|                  | Per 100  |

### Kaiserin, Rhea Reid, Maryland

|                         | Per 100        |
|-------------------------|----------------|
| Extra long select.....  | \$8 00         |
| Good Medium length..... | \$5 00 to 6 00 |
| Good Short.....         | 3 00 to 4 00   |

### Killarney, White Killarney, and Perle.

|                         | Per 100           |
|-------------------------|-------------------|
| Extra long.....         | \$6 00 to \$ 8 00 |
| Good medium length..... | \$4 00 to 5 00    |
| Good short length.....  | 3 00              |

### CARNATIONS

|                                      | Per 100         |
|--------------------------------------|-----------------|
| Extra fancy, long O. P. Bassett..... | \$2 00          |
| Fancy long pink and white.....       | 2 00            |
| HARRISII LILIES.....per doz.         | 1 50            |
| " ".....                             | \$8 00 to 10 00 |
| Lily of the Valley.....              | 3 00 to 4 00    |
| Select Pink and White Peas.....      | 50 to 1 00      |
| Adiantum.....                        | 1 00 to 1 50    |
| Asparagus Sprays.....                | 3 00 to 4 00    |
| Ferns, Eastern.....per 1000,         | \$1 50          |
| Galax, Green.....per 1000            | 1 00            |
| " Bronze.....per 1000                | 1 00            |
| Smlax.....per doz.                   | 2 50            |

Good Assortment of Roses in lots of 500 at the rate of \$25.00 per 1000.

## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### CONTINUED HOT WEATHER.

The city has this week experienced the longest continued hot weather in the history of the weather bureau, the thermometer registering nearly to the 100° mark during the day and standing very close to 90° during the night. With such prolonged intense heat business, like the human beings, has shown no great amount of activity. During such weather it is hard to produce a good grade of flowers and there has been no great quantity of first class flowers on the market of any kind. The roses are, however, in good supply and of surprising good quality when the difficulty of producing good flowers during such a heated spell is taken into consideration. American Beauties are of very good substance, fair color, and the stem and foliage of splendid quality. Killarneys are also good and some stock of excellent color and foliage is to be found on the tables every morning. White Killarney is holding up as well as the pink and good stock is obtainable. My Maryland is also in fine condition and Kaiserin is the best of the whites. Richmond is the principal red to be found but this rose opens quickly and has to be cut very tight. Carnations are still to be had in small quantities, but show the effects of the long hot spell of weather, lacking substance and quickly going by. Outdoor gladioli are being received in good quantities and though many are rather short in the stem, yet some of the stock is fine and has a much fresher look than the greenhouse product. Lilies of good quality are plentiful enough to meet the demands and the Japanese lilies are in good supply. Liliun candidum is not so plentiful as it has been for the last two or three weeks. Lily of the valley is of excellent quality and in good quantities. Sweet peas are very plentiful and some very fine stock is offered.

Water lilies are still one of the finest flowers to be seen in the retail windows and some of the red and blue flowers are very beautiful and attractive. Some very fine sweet sultanas are also seen in the retail stores. A few orchids are to be had but the stock of these is limited. The hot, dry weather has decreased the quantity of outside flowers and they are not the drug on the market which is the general case at this time of the year. With the exception of smilax greens are plentiful and of good quality.

#### NOTES.

A. T. Pyfer of the Chicago Carnation Co. and H. E. Philpott of Winnipeg, Can., left Sunday, July 9, on a pleasure trip to Cincinnati and Dayton, O., Richmond and Indianapolis, Ind., and St. Louis, Mo. From St. Louis they will go up the Mississippi river by steamer as far as Dubuque, Ia., and from there return home. It was their intention before leaving to attend the meeting of the Cincinnati Florists' Society on July 10 when the election of officers was to be held.

Henry Wise of the J. A. Budlong force is spending his vacation at Tomahawk Lake, Wis. Miss Nelda Wolff, who has been bookkeeper for the firm for the past 10 years, has resigned her position and will leave soon for the west. Miss Marguerite Russell is now filling the position having entered upon her duties July 8.

A L. Vaughan of Vaughan & Sperry says that business so far this month has been very good, double that of the same period last year. Fred. Sperry, the junior member of the concern, is enjoying his vacation. Miss Pearson, the pleasing and efficient stenographer, is spending her vacation in Michigan.

P. L. McKee, of the John C. Moninger Co., went to Milwaukee July 11 to present his firm's claims for a new classification of greenhouse construc-

## U S Budlong's E Blue Ribbon Valley.

tion material which, if adopted, will lower the freight rates and thereby benefit both builders and growers.

The Geo. Wittbold Co. is making extensive changes and improvements on their store at Buckingham place, a new floor is being laid, new fixtures added and the interior artistically decorated.

August Lange, accompanied by Mrs. Lange and Master Lange, left for Colorado Springs, Colo., July 10, and will be gone about three weeks, visiting Omaha, Neb., enroute.

John Zech and Mathias Mann, members of the well known firm of Zech & Mann, are planning on attending the convention of the Society of American Florists at Baltimore.

Mrs. M. K. Nanz, of the Nanz Floral Co., Owensboro, Ky., and daughter, Miss Katherine Mary, are spending a week with her son at Hinsdale.

John P. Degman, of Winterson's Seed Store, has joined the Jolly Fishermen's Club and is casting for finnies at Round Lake this week.

H. W. Rogers of the Weiland & Risch force, returned Monday, July 10, from a two weeks' visit at Spring Lake, Wis.

Miss Mary E. Whalen is performing the bookkeepers' duties at the Wm. E. Schofield store on North State street.

E. E. Pieser of Kennicott Bros. Co., feeling much improved in health, was seen at the store on Saturday, July 8.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone Randolph 35 CHICAGO, ILL.

## Use Poehlmann's Fancy Valley

Current Price List. — Subject to change without notice.

| AMERICAN BEAUTIES        | Per Doz.                        |
|--------------------------|---------------------------------|
| Long, specials           | \$3 00                          |
| 30-inch                  | 2 50                            |
| 24-inch                  | 2 00                            |
| 18 to 20-inch            | 1 50                            |
| Short                    | Per 100, \$4 00, \$6 00, \$8 00 |
| KILLARNEY, Special       | Per 100                         |
| Fancy                    | \$10 00                         |
| Medium                   | 8 00                            |
| Short                    | \$4 00 to 6 00                  |
| Richmond, Special        | 10 00                           |
| Fancy                    | 8 00                            |
| Medium                   | \$4 00 to 6 00                  |
| Short                    | 2 00 to 3 00                    |
| WHITE KILLARNEY, Special | Per 100                         |
| Fancy                    | 8 00                            |
| Medium                   | \$4 00 to 6 00                  |
| Short                    | 2 00 to 3 00                    |

| MY MARYLAND, Special        | Per 100                |
|-----------------------------|------------------------|
| Fancy                       | \$10 00                |
| Medium                      | 8 00                   |
| Short                       | \$4 00 to 6 00         |
| Cattleyas                   | 2 00 to 3 00           |
| per doz.                    | \$4 00 to \$8 00       |
| CARNATIONS                  | Per 100                |
| Fancy white and red         | 3 00                   |
| Fancy                       | 2 00                   |
| Harrisii Lilies             | per doz., \$2 00 15 00 |
| Valley                      | \$3 00 to 4 00         |
| Sweet Peas, Butterfly       | 50 to 1 00             |
| Daisies, Shasta             | 1 50 to 2 00           |
| Plumous Sprays, Sprenger    | 3 00 to 4 00           |
| Plumous Strings, extra long | per string, 60c        |
| Galax                       | per 1000, \$1 25       |
| Ferns                       | per 1000, 1 50         |
| Adiantum Croweanum          | 1 00                   |
| Gladiolus                   | \$8 00 to 10 00        |
| Water Lilies                | 1 00 to 2 00           |

## POEHLMANN'S FANCY VALLEY EXTRA FINE HARRISII LILIES

We make these a specialty.  
Can supply them all the Year  
Once tried you will have no other

Otto W. Frese resigned his position with the Poehlmann Bros. Co. on July 8 to accept a position as manager of the Chicago Flower Growers' Association's store, which will open August 1. Mr. Frese is a man of large experience, having started his career in the florist business with J. C. Vaughan in the early eighties. He went into business later for himself, which he discontinued when he accepted a position with the Reinberg Bros. When this firm dissolved partnership he managed the George Reinberg store until eight years ago, when he accepted a position with Poehlmann Bros. Co. He has had 30 years' experience on this market and will prove equal to the task of disposing of the output of the 60 growers who comprise the company and have 2,000,000 feet of glass. His many friends wish him much success in his new undertaking.

The Wietor-Sinner party returned this week from their outing in the woods in Northern Wisconsin, brown as berries, and enthusiastic over the good time and fishing. Nick Wietor was so pleased with the district that he has opened negotiations toward purchasing a piece of property on Clear Lake for a summer home. The fishing was reported fine and the catch good, but although the fish sent to this city were fine specimens of bass and pike when shipped, they had changed during the hot journey to "smelt."

John Canger journeyed to Cedar Rapids, Ia., where he acted as best man at the wedding of John E. Lapes, well known here as the enterprising florist of the Iowa city, to Miss Georgeally Acrey, who had recently arrived in this country from Greece, on Thursday, July 6. The happy couple are spending their honeymoon in Colorado, and the many friends of the bridegroom wish him all the happiness

in the world in his matrimonial venture.

A. C. Kohlbrand, of the E. C. Ambling Co., will leave July 15 for Lone Tree Point, Mich. He will spend his time fishing and is so confident of catching some that he says he will have trout for breakfast on Monday morning. Miss Ruth Wattman, with this concern, is spending her vacation at Ford Lake, Mich. John Michelsen, the hustling manager, made a business trip to McKenna this week.

The Illinois state fair will be held at Springfield, September 29 to October 7. Liberal premiums are offered in floriculture, of which department Robert O'Dwyer, 714 W. Madison street, Chicago, is superintendent. Copies of the premium list may be had by addressing J. K. Dickirson, Secretary State Board of Agriculture, Springfield.

Peter Reinberg is cutting a choice grade of American Beauty roses from their young stock that are of exceptionally fine quality. Tim Matchen says that his firm are so crowded for room at the greenhouses that they are obliged to dispose of their surplus stock of rose plants at sacrifice prices.

Miss M. C. Guntenberg, the popular young wholesale florist, left July 11 for a few days visit at Fenville, Mich. It is understood that the young lady is going to enjoy a longer vacation in the near future, but we have been sworn to secrecy and cannot state the date.

Joseph Ziska, of the Chicago Rose Co., returned Saturday, July 8, from a month's visit with relatives at Oxford Junction, Ia. He is back at work feeling much better in health, ready for whatever work the summer season may bring.

Dwight L. Harris, vice-president and general manager of the Pulverized Manure Co., 32 Union Stock Yards,

says "that the demand for their goods this year is exceedingly heavy and that sales have already increased 25 per cent."

Poehlmann Bros. Co. is receiving a good cut of American Beauty, Richmond and Killarney roses. A few good orchids are among the daily arrivals, also a good supply of carnations, which are moving readily at good prices.

Frank Ayres, of Chas. W. McKellar's, expects to be aboard the Vencedor when she sails in the Lipton race on July 19. Frank says she is a sure winner when it comes to a 15-mile triangular course.

Charles Neiglick, father of Charles T. Neiglick, the North State street florist, died suddenly on July 6, being prostrated by the heat on the day previous.

Wm. Ellison and wife, of St. Louis, Mo., passed through the city this week enroute to Macatawa, Mich., where their summer cottage is located.

C. M. Dickenson, of E. H. Hunt's, has got the fishing fever and will leave in the very near future for northern lakes.

Basset & Washburn are cutting a good supply of short and medium Mrs. Aaron Ward, the favorite eastern rose. The many friends of Fred Strail will be pleased to hear that he is having a fine rest at Twin Lake, Mich.

Frank Oechsli had the misfortune of breaking his right arm last Saturday while starting his auto.

Hoerber Bros. are cutting a fancy grade of Bride roses that are selling like hot cakes.

The wholesale stores in the Atlas block are receiving a new coat of calcimine.

Reserve Sunday, July 23, for the Florists' Club picnic at Ehrhardt's grove.

Henry Van Gelder is confined to the house with an abscess of the ear.



# FULL CROP OF ROSES

**We Are Now Cutting WHITE and PINK KILLARNEYS  
of Extra Fine Quality**

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                              | Per doz.        | Per 100 |
|------------------------------|-----------------|---------|
| Extra Select.....            | \$3 00          |         |
| 38-inch stem.....            | 2 50            |         |
| 30-inch stem.....            | 2 00            |         |
| 24-inch stem.....            | 1 75            |         |
| 20-inch stem.....            | 1 50            |         |
| 15-inch stem.....            | 1 25            |         |
| 12-inch stem.....            | 1 00            |         |
| Short stem.....              | 75              |         |
| Killarney, select.....       | \$ 6 00         |         |
| "    medium.....             | \$ 3 00 to 4 00 |         |
| White Killarney, select..... | 6 00            |         |
| "    medium.....             | 3 00 to 4 00    |         |

|                                      |              |
|--------------------------------------|--------------|
| Richmond, select.....                | 6 00 to 8 00 |
| "    medium.....                     | 3 00 to 4 00 |
| Carnations, fancy.....               | 2 00         |
| "    good.....                       | 1 00 to 1 50 |
| Easter Lilies, medium.....           | 8 00         |
| "    long.....                       | 10 00        |
| Valley.....                          | 3 00 to 4 00 |
| Ferns.....                           | 1 50         |
| Sprengrerl and Asparagus Sprays..... | 50           |

All Green Goods at market rates.

**ROSES, our selection, - \$3.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

A meeting of the directors of the Chicago Flower Growers' Association will be held next Tuesday, July 18. The association expects to open their new store on Michigan avenue August 1, with Otto W. Frese in charge. The first floor and basement will be used by the association and the three upper floors rented. The store is centrally located, well lighted, equipped with an electric elevator and heated by steam.

George Perdikis is doing a nice business in the sale of cooling drinks and ice cream at his store on Dearborn street. On July 5 he sold 2,200 glasses of lemonade and the profit of this and the other days will help considerably in defraying the expenses during the summer months. The proprietor who is generous to an extreme cordially invites the entire trade to visit him and have a drink or an ice-cream at his expense.

There will be an exhibition of annuals, perennials and vegetables under the auspices of the Horticultural Society at the Art Institute in September, specific date to be announced later. The premium list has already been issued, copies of which may be had on application to Secretary J. H. Burdett, 1620 West 104th place, Chicago.

A. I. Simmons, of 242 West Sixty-third street, holds a captain's commission in the Seventh Infantry I. G. N. and has been detailed as commissary by the general order issued for the mobilization of the state troops that are to participate in the joint maneuvers with the regular army at Grant Park, July 23-30.

The ice man has taken advantage of the warm weather and boosted up his prices.

Visitors: W. W. Coles, wife and daughter, enroute to their summer home at Oden, Mich.; J. D. Carmody, Evansville, Ind.; W. A. Bitler, Kokomo, Ind.

CEDAR RAPIDS, IA.—John E. Lapes was married on Thursday, July 6, to Miss Geogealy Aceve, the bride having recently come to America. The happy couple are enjoying their hon-

## Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Union Restaurant, July 6, with a good attendance, President Philpot in the chair. Four new members were elected as follows: Frank F. Gabler, 3708 Langley avenue; L. Hoekner, 3810 Grand avenue; Geo. H. Mohn, 31 West Randolph street; W. Langhout, 31 West Randolph street.

Allie Zech, chairman of the sports and pastimes committee, announced the arrangements for the annual picnic which will be held at Ehrhardt's grove, Park Ridge, July 23. Trains will leave on the Northwestern Railroad at 11 a. m. and 12:45 p. m. Tickets, including transportation both ways and admission to the grove, are 50 cents each and are now on sale at the wholesale commission houses. A liberal appropriation was made for prizes in the various picnic events.

Phil Foley, of the transportation committee, reported in favor of the Monon Railroad for the Baltimore convention trip and arrangements are being completed by which the President's Special will leave Chicago Sunday, August 13, at 10:30 p. m., arriving at Cincinnati at 7:50 Monday morning. There will be a stop-over at Cincinnati for a couple of hours to get together the various delegations from Louisville, St. Louis, Peoria, Indianapolis, Dayton, Toledo, Detroit and other nearby points. From Cincinnati the President's Special will proceed direct to Baltimore, arriving Monday at 7:30 p. m. The fare for the round trip, Chicago to Norfolk, via Baltimore, good for 30 days, is \$27.00. Lower berths, one way, are \$4.50, upper berths \$3.60. Many side trips can be arranged by rail or water to Washington, Philadelphia, New York, Boston, etc., at small additional cost. Reservations will be made at Chicago by Herbert Wiley, General Agent Passenger Department, Monon Railroad, 104 South Clark street. Telephone, Harrison 3309.

A letter was read from the John C. Moninger Co. requesting the Club's endorsement of this firm's action in petitioning the authorities for a new

**U S Budlong's  
E Blue Ribbon Valley.**

"The Busiest House in Chicago."

**J.B. DEAMUDCO.**

160 N. Wabash Ave., CHICAGO.

Long Distance Phone, Central 3155.

classification of greenhouse construction material, giving reduced rates for a greater variety of material in car lots. This matter was referred to the Society of American Florists on the ground that the national organization has greater influence in such matters.

A committee consisting of J. C. Vaughan, Geo. C. Klehm and M. Barker, was appointed to co-operate with the local members of the American Association of Railroad Gardeners in entertainment of the visitors during the convention of that organization in this city next month.

A paper on fertilizers was read by Walter S. McGee, identified with the Wizard brand of pulverized manures, and will be found elsewhere in this issue.

## Spring Arithmetic.

It was the busy hour of 4.  
When from a city hardware store  
Emerged a gentleman who bore  
1 hoe,  
1 spade,  
1 wheelbarrow.

From thence our hero promptly went  
Into a seed establishment  
And for these things his money spent:  
1 peck of bulbs,  
1 job lot of shrubs,  
1 quart of assorted seeds.

He has a garden under way  
And if he's fairly lucky, say,  
He'll have about the last of May  
1 squash vine,  
1 egg plant,  
1 radish.

—Washington Herald.

# BEAUTIES

**A Large Supply -Extra Fine Stock**

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.    |
|-----------------------|-------------|
| Extra long stems..... | \$3 00      |
| 36 inch stems.....    | 2 50        |
| 30 inch stems.....    | 2 00        |
| 24 inch stems.....    | 1 75        |
| 20 inch stems.....    | 1 50        |
| 15 inch stems.....    | 1 25        |
| 12 inch stems.....    | 75c to 1 00 |
| Short stems.....      | 50          |

Per 100

|                      |             |                   |
|----------------------|-------------|-------------------|
| Richmond.....        | Select..... | \$6 00 to \$ 8 00 |
| Killarney.....       | Medium..... | 4 00 to 5 00      |
| White Killarney..... |             |                   |
| My Maryland.....     |             |                   |
| Mrs. Field.....      |             |                   |
| Uncle John.....      | Select..... | 6 00 to 8 00      |
| Bride.....           | Medium..... | 4 00 to 5 00      |

Per 100

|                           |             |                   |
|---------------------------|-------------|-------------------|
| Ivory.....                | Select..... | \$6 00 to \$ 8 00 |
| Sunrise.....              | Medium..... | 4 00 to 5 00      |
| Perle.....                |             |                   |
| Roses, our selection..... |             | 3 00              |
| Carnations, fancy.....    |             | 2 00              |
| “ good.....               |             | 1 50              |
| Harrisii.....             |             | 12 00             |
| Valley.....               |             | 3 00 to 4 00      |
| Adiantum.....             |             | 1 00              |
| Asparagus, per bunch..... |             | 50                |
| Ferns, per 1000.....      |             | 1 50              |

**2 000 000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

### Baltimore.

#### STOCK VERY SCARCE.

The city is still suffering from the extreme hot spell, with no relief in sight, and the drought is ruining the outside stock. Business is at a standstill with the exception of funeral work. Stock is extremely scarce, and indoor flowers are almost at a premium, whatever reaches the market is quickly sold, the recent hail storm causing a great shortage. Roses, sweet peas, lilies and outside flowers comprise the stock in the market.

#### CLUB MEETING.

The regular meeting of the Gardeners' and Florists' Club was held July 10. Two members, Joshua Naylor and Charles Bolgiano, were elected, and two propositions received. The reports of the treasurer and financial secretary were read and approved. The entertainment committee reported in favor of the trip on Chesapeake bay. The ladies' committee were granted a special fund for the trolley ride through the suburbs and a lunch at the Baltimore Country Club. The executive committee have been offered the support of the Greater Baltimore Committee by Edwin Quarles who was present at their last meeting.

#### NOTES.

The hall in which the meetings of the S. A. F. will be held is the greatest convention hall in the country, both for seating capacity and acoustic prop-

**Headquarters for ORCHIDS and all Fancy Stock**

**CHAS. W. McKELLAR,**

**162 N. Wabash Avenue, CHICAGO.**

erties. The main floor contains 60,000 square feet and has a seating capacity for 12,000 people, with ample space for aisles, and the balconies seat 800 more. The main floor is on a level with the street insuring perfect safety, easy entrance and exit. On the ground floor are 18 large rooms adapted for committee work, and several additional rooms on the second floor.

The Park Board is planting the beds at Mount Royal station, on the slope are large letters, S. A. F. & O. H. in alternanthera and Coleus Golden Beder, the letters being two by ten feet. While making the beds a gentleman asked Superintendent Boone about the work and said he knew that the S. A. F. was "Seeing America first," but did not know what the O. H. stood for. He was quickly informed of his mistake.

August Eberhardt is selling soda and other temperance drinks in conjunction with his flower business.

E. W. Fiedler & Co. of Fullerton are erecting a house 24x203 feet for the growing of carnations.

**U S Budlong's  
E Blue Ribbon Valley.**

James Glass of Lexington market is selling a choice lot of pot plants.  
J. L. T.

WYNCOTE, PA.—The Joseph Heacock Co. reports the past year the most prosperous in the history of this concern.

SOUTHAMPTON, L. I., N. Y.—The fifth annual exhibition of the Southampton Horticultural Society will be held on the Art Museum grounds July 26-27. Prizes are offered for table decorations, decorative designs, plants, flowers, fruit and vegetables.



# We Are Headquarters For Good Beauties, Roses, Sweet Peas, Valley, Carnations, Gladioli

and are prepared to fill your orders at all times. Write for prices.

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

161 N. Wabash Ave., CHICAGO.

### Philadelphia. BUSINESS VERY GOOD.

The hot weather that is both good and bad for business is with us once again, last Monday being one of the scorchers of this season, very trying for those who have to work in green-houses and fairly cooking roses and other crops under glass. Business has been fairly good for the season there being quite a demand for high class stock. In the rose section American Beauties have cleaned up every day, and at times, there were not enough to go around. An out of town customer started a shopping tour among the stores for about one hundred blooms last Friday and kept the wires of the commission houses hot for a while as one store after another tried to secure the order. In white roses for which there has been a good demand White Killarney has been selling well, notwithstanding its off color and single appearance when in bloom, it makes up into a very presentable bunch. Kaiserin when well grown is better at this season, but so many have planted White Killarney on account of its all the year efficiency, that there are but few good flowers coming to the market. There are some fairly good Brides and Golden Gates also offered and the market has been cleaned of them all, at times recently. The exceptional warm spell of the past two weeks was fatal to many weak and old people, and the demand for funeral work was correspondingly large. Out of town, as well as local demands, made the market strong on all white flowers, there being many good shipping orders received. Sweet Peas which have been abundant have shortened up all at once and the stock now coming in is very poor. Fortunately there is lily of the valley and orchids, the latter of which hold up well in prices, 50 cents each or \$5 per dozen being the price. Easter lilies are plentiful and there are good gladioli, all of which add to the summer assortment. Asters have appeared and are coming from several growers in small lots.

### CLUB MEETING.

The regular meeting of the Florists' Club was held July 11, having been postponed from July 4, on account of the intense heat but was not very well attended. The paper read by Paul Huebner entitled "Railroad Gardening as a Paying Investment," was very interesting and instructive and the author easily proved that the railroad management were delighted with the results obtained. Report of the various committees that had been appointed to attend and plan for the comfort of the delegates from this city to the Baltimore convention were made. Chairman Wescott of the

transportation committee was much pleased with the suggestion made by George C. Watson that the Philadelphia party go to Baltimore by boat, and this is likely to be the route selected. D. T. Connor, for the bowlers, was confident that the team that would represent this city would give a good account of itself and bring home some prizes. Xavier Schmitt, of Fairmount Park, is to prepare a paper on "Trees and Plants for Up-to-date Planting" for the August meeting.

### Detroit.

#### STOCK POOR AND SCARCE.

Summer trade with its usual conditions is now fairly well settled upon us, though a different story could be told if the supply of good stock could be obtained to equal the extraordinary good demand for the summer season. The first few days of the month showed no diminution from the closing active days of June and this favorable trend would continue but for the great scarcity of attractive stock. Locally grown roses are very poor and scarce and when Chicago market is reached for aid the quality shows little improvement over our own. Carnations are becoming smaller daily and are soft and unattractive and the continued drouth and excessive heat have prevented outdoor grown flowers from being things of beauty.

### NOTES.

L. Bomb Floral Co. is about to commence the erection of a fine store on their Bates street lot—32½ by 100 feet. This will be a store built upon the most modern lines and many innovations will be incorporated. The rear 40 feet will be four stories high and a conservatory will be above the store proper. The firm is now moving to temporary quarters at 50 Cadillac square.

Chas. H. Plumb has returned from a week's outing at Algonac, Mich., where he was successful fishing, and he sent home some of his catch. A. Doxey, foreman for Mr. Plumb, is now on the ocean headed for his old home in England, where he will spend his summer vacation.

B. Schroeter will soon begin the erection of his new store on Broadway. This, too, promises to be commodious, with large show windows and equipped throughout with conveniences that will enable him to care for his increasing patronage better than ever.

John Breitmeyer's Sons' new store, 44 by 100 feet, on Broadway, is progressing rapidly and completion is looked for early in October, and when open to the public will disclose the nearest approach to the ideal "Flower Shop."

## U S Budlong's E Blue Ribbon Valley.

R. O. Koehler, who conducted a store for several years at 623 Gratiot avenue, has, after many tribulations, given up the struggle. He is succeeded in the same place by A. C. Schmidt, who recently worked for M. Bloy.

Louis Rush's housekeeper died suddenly last week from the effects of the excessive heat. His water supply was endangered by the alleged violation of the city ordinance forbidding the use of a hose in daytime.

Albert Sylvester has forsaken the packing department at the Michigan Cut Flower Exchange for a well-earned vacation for a week. Eddie Moos of the working force had a few days off at Cedar Point, O.

Wm. Hielscher, our popular wire manufacturer, was married on July 6. The happy couple are enjoying their honeymoon in Northern Michigan. Theo. Mitchell and wife are accompanying them.

Robt. Rahaley, of the Michigan Cut Flower Exchange, spent a few days at Cedar Point last week. His wife is enjoying the breezes of Mackinac Island in company with friends.

Walter Taepke and wife are preparing for an extended trip to Montreal and down the Saint Lawrence river. They will be gone for about three weeks.

Announcement is made of the approaching nuptials, October 10 next, of Harry, son of Ex-Mayor Breitmeyer, and Miss Maude Bamlet.

A. J. Stahelin, Redford, has about completed his new range of four large houses. He now comes to the city in a new Ford runabout.

Chas. Hufford, the hustling florist at 51 Gratiot avenue, has added a line of fruits to his stock for the summer season only.

E. A. Fetter's and wife are on a fishing cruise at Waterford, Mich. They report bass very plentiful and many catches.

Congratulations are extended to A. Pochelon because a new baby adorns his handsome home on the boulevard.

Murray Patterson and his young wife are spending their honeymoon in England.

Visitors—Elmer D. Smith, Adrian, Mich.; J. A. Brown, Howell, Mich.

J. F. S.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

Cleveland.

SCARCITY OF ICE AND WATER.

With some of the warmest weather we have had at this time of the year since 1907, florists and growers are suffering about as much as the flowers, several of the growers not being able to get enough water to water half their stock, retailers again cannot get any ice whatsoever, and many dollars worth of stock is spoiling that under ordinary conditions would be salable. Business has been fairly good for the first week in July and stock has been equal to the demand, with the exception of carnations. Sweet peas and Easter lilies are plentiful and meet with a good demand. Water lilies too are finding an excellent market, both in colored and white. Smilax is a little more plentiful than it has been and Asparagus Sprenger and A. plumosus find a good market. Candidum lilies are about done for. Gladioli is still very scarce. Asters are coming along very slowly, but not until we have some rain will there be enough to mention.

NOTES.

Westman & Getz had a very appropriate window display this week. A giant fire cracker made of red immortelles, in imitations of the "Fire cracker tanks," and a toy automobile decorated with American flags and having a life size doll in it and bearing a card reading, "Help the Babies." Red carnations and feverfew completed the decorations.

C. F. B.

St. Louis.

TRADE QUIET.

Very warm weather has prevailed all week and summer dullness prevails. There are a few weddings, some funeral work and an occasional bouquet to the summer garden which form the only outlet for flowers. All stock coming in is poor, a few good asters and gladioli is about all we see that can be called good. Roses are wide open and soft and hard to sell. Long American Beauty roses come in but have poor sale, medium and short stems selling the best.

NOTES.

The Retail Association met Monday evening. Robert J. Windler, the secretary, mailed post cards to the retailers to return their opinions as to closing of all stores on Sundays at 1 p. m. throughout the year and 7 p. m. every evening in summer and 8 p. m. in winter. Thirty-six replied in favor and five against. The house of delegates has not yet taken action on the crepe pulling matter.

Pierre Schneider, foreman of the Oakland Floral Co.'s greenhouses, is cutting some fair O. P. Bassett carnations, but he says the thermometer since May has been over 100° in the greenhouse so it is hard to grow choice flowers. This firm raises a fine crop of sweet peas as a specialty. They

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.  
68-70 E. RANDOLPH STREET,  
CHICAGO.  
'Phone Central 1978 and 1977.

## Wholesale Flower Markets

| CHICAGO July 12.                | Per doz.  |
|---------------------------------|-----------|
| Roses, Beauty, specials.....    | 3 00      |
| " " 30 in.....                  | 2 50      |
| " " 24 in.....                  | 2 00      |
| " " 18 to 20 in.....            | 1 50      |
| " Shortstem.....                | 50¢       |
| Per 100                         |           |
| " Killarney.....                | 3 00/2 00 |
| " White Killarney.....          | 3 00/2 00 |
| " Richmond.....                 | 3 00/2 00 |
| " My Maryland.....              | 3 00/2 00 |
| " Kaiserin.....                 | 3 00/2 00 |
| " Bride.....                    | 3 00/2 00 |
| " Bridemaid.....                | 3 00/2 00 |
| " Rhea Reid.....                | 3 00/2 00 |
| " Mrs. Jardine.....             | 3 00/2 00 |
| Carnations.....                 | 1 50/2 30 |
| Daisies, Shasta and Yellow..... | 1 50/2 20 |
| Gladioli..... per doz., 1 00    | 1 50      |
| Harrisii..... per doz., 1 00    | 1 50      |
| Peonies.....                    | 6 00/2 80 |
| Sweet Peas.....                 | 50¢/2 10  |
| Valley.....                     | 3 00/2 40 |
| Adiantum Crownatum.....         | 1 00      |
| Ferns..... per 1000             | 1 50      |
| Galax.....                      | 1 25      |
| Leucothoe.....                  | 65        |
| Plumous String..... each        | 60        |
| Smilax..... per doz., 2 00      | 2 30      |
| Sprenger, Plumous Sprays.....   | 3 00/2 40 |

have 23,000 feet of glass devoted to carnations and sweet peas.

We regret to announce the death, on July 3, of Harold F. Bruening, only son of Otto and Clara Bruening, aged eight months, from heat prostration. The little infant was buried July 4. We extend our sympathy to the bereaved father and mother.

H. G. Berning is getting some fine stock of gladioli. Some fancy America brought as high as 10 cents and general stock averaged six cents.

Alex Johnson, of Wellston, is still cutting some fairly good carnations. He expects to build two rose houses this season. His store at Suburban Junction is doing a nice business.

Vincent Gorly has returned from Detroit, where he made a business trip and called, of course, on Philip Breitmeyer. Vincent says, in the words of our slogan, "He has the goods."

George Lapp, foreman of the Bentzen Floral Co.'s greenhouses, has 4,000 chrysanthemums which are looking well. The hot weather, he claims, killed the aster crop.

Oakland Floral Co. is cutting some very good carnations for this season.

Al Gunz is busy these days getting up the games for the picnic on July 20.

W. F.

## WIETOR BROS.

Wholesale Cut Flowers  
Growers of

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., CHICAGO



## A. L. Randall Co.

66 E. Randolph St.  
CHICAGO.

L. D. Phone Central 1486. Private Exchange  
All Departments. If you do not receive our price list regularly send for it.

Mention the American Florist when writing

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Telephone, Central 3284.

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W. P. KYLE

JOSEPH FOERSTER

## Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., CHICAGO

Long Distance Phone, Randolph 3619.

Mention the American Florist when writing

## Percy Jones

56 E. Randolph St., CHICAGO

## John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., CHICAGO

ROSES and CARNATIONS  
Our Specialties.

## U S Budlows E Blue Ribbon Valley.



# YOUNG ROSE STOCK WELCH BROTHERS,

Kaiserin, Aug. Victoria, Killarney,  
Bon Silene and Safrano.

226 Devonshire St., BOSTON, MASS.

Asparagus P. N. and Asp. Sprengeri Seedlings  
SEND FOR PRICES

W. H. ELLIOTT,

Brighton, Mass.

Acacia Pubescens, American Beauty, Valley,  
Carnations, Killarney, Richmond, Maryland  
and other seasonal stock.

## WM. C. SMITH Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., ST. LOUIS, MO.  
Both L. D. Phones.

Supplies and Everything in Season always on hand  
Mention the American Florist when writing

## During June, July and August

OUR STORE WILL CLOSE

5 o'clock on week days  
12 o'clock (noon) Saturdays & Sundays.

GEO. H. ANGERMUELLER, Wholesale Florist,  
1324 Pine Street, ST. LOUIS, MO.

Mention the American Florist when writing

Boston.

A DULL WEEK.

The market? Well, the wholesalers are here, the markets are here, and the salesmen in a mechanical way last week tried to do business. There is no use groaning and grumbling and using unnecessary printer's ink to say we have had a dull week with a little ripple Saturday. The hot spell? We are thankful to have lived through it. It's funny the west gets blamed for sending us hot spells and cold spells, and yet the western brethren seem always to be a happy lot of boys. The latest heat has warmed up Boston so that for many years if we survive we will have something to hand down to posterity about the hot July. The hospitals were taxed to their limits, doctors and nurses were worn out, hundreds dead and dying every day in greater Boston, 500 horses dead and 15,000 sick is the toll of poor dobbin in one week—105° in the shade, and some places higher, was the record. In the greenhouses 125° in the shade was about the ordinary. We have heard of only two prostrations in the craft, and those recovered in a day or so. We noticed Ampelopsis Veitchii growing on a stone wall where the heat had been so great as to scorch the leaves and left them as if they had been through a fire. Thursday night we had a light rain which helped the burned crops somewhat. Asters outside are reported to be almost a failure. It was hot enough for asbestos pants.

### NOTES.

Since his installation Governor Foss has shown himself to possess good business acumen. While some of us don't agree with him in politics, still we must give him great credit for doing his best to give the state a business administration. He has sent a special message to the legislature for a more liberal appropriation, for the advancement of the agricultural interests of the state and to reduce somewhat the cost of extending the park system. The message refers to the appropriation for the State Board of Agriculture. There is an appropriation of \$167,000. Forty thousand dollars goes directly for the encouragement of agriculture. This board is of much help to the farmers, and it is for the prosperity of the state and help to the farmers that he seeks to have the amount enlarged. The state is spending \$1,000,000 a year in interest, maintenance and extensions on parks, and reservations, which have cost

## HOLTON & HUNKEL CO.

Wholesalers of Fresh Flowers

462 Milwaukee St., MILWAUKEE, WIS.

## Wholesale Flower Markets

|                          | BOSTON, July 12. | Per 100 |
|--------------------------|------------------|---------|
| Roses Beauty best        | 25 00            | 25 00   |
| " " medium               | 15 00            | 25 00   |
| " " culls                | 2 00             | 4 00    |
| " Bride Bridesmaid       | 2 00             | 6 00    |
| " " Extra                | 4 00             | 8 00    |
| " Killarney and Richmond | 2 00             | 8 00    |
| " My Maryland            | 2 00             | 8 00    |
| " Carnot                 | 2 00             | 8 00    |
| Carnations select        | 1 00             | 2 00    |
| " fancy                  | 2 00             | 3 00    |
| Callas                   | 8 00             | 12 00   |
| Cattleyas                | 25 00            | 50 00   |
| Gardenias                | 6 00             | 12 00   |
| Lilium Longiflorum       | 8 00             | 10 00   |
| Lily of the Valley       | 2 00             | 4 00    |
| Smilax                   | 12 00            | 16 00   |

MILWAUKEE, July 12.

|                    |            |       |      |
|--------------------|------------|-------|------|
| Roses Beauty       | per doz.   | 75 00 | 8 00 |
| " Kaiserin         | per doz.   | 3 00  | 8 00 |
| Carnations         | per doz.   | 1 00  | 3 00 |
| Daisies            | per doz.   | 50    | 75   |
| Galliarda          | per doz.   | 1 25  | 50   |
| Lilium Gigantum    | per doz.   | 1 25  | 50   |
| Lily of the Valley | per doz.   | 3 00  | 4 00 |
| Snopdragons        | per doz.   | 50    | 50   |
| Swainsona          | per doz.   | 35    | 50   |
| Sweet Peas         | per bunch. | 25    | 1 50 |
| Adiantum           | per bunch. | 50    | 50   |
| Asparagus          | per bunch. | 35    | 35   |
| Boxwood            | per bunch. | 25    | 25   |
| Keros Fancy        | per 1000.  | 1 51  | 51   |
| Smilax             | per doz.   | 2 50  | 2 50 |

ST. LOUIS, July 12.

|                     |            |       |       |
|---------------------|------------|-------|-------|
| Roses Beauty        | per doz.   | 20 00 | 25 00 |
| " " medium stems    | per doz.   | 20 00 | 25 00 |
| " " short stems     | per doz.   | 2 00  | 4 00  |
| " Bride Bridesmaid  | per doz.   | 3 00  | 5 00  |
| " Killarney         | per doz.   | 3 00  | 5 00  |
| " My Maryland       | per doz.   | 3 00  | 5 00  |
| Carnations          | per doz.   | 5 00  | 5 00  |
| Easter Lilies       | per doz.   | 12 00 | 12 00 |
| Valley              | per doz.   | 3 00  | 4 00  |
| Adiantum            | per bunch. | 1 25  | 1 25  |
| Asparagus Sprengeri | per bunch. | 2 00  | 3 00  |

CINCINNATI, July 12.

|                     |            |       |       |
|---------------------|------------|-------|-------|
| Roses Beauty        | per doz.   | 1 00  | 4 00  |
| " Bride Bridesmaid  | per doz.   | 2 00  | 6 00  |
| " Golden Gate       | per doz.   | 2 00  | 6 00  |
| " Killarney         | per doz.   | 2 00  | 6 00  |
| " Richmond          | per doz.   | 4 00  | 9 00  |
| " Pres. Tilden      | per doz.   | 3 00  | 8 00  |
| Carnations          | per doz.   | 2 00  | 3 00  |
| Lilium Longiflorum  | per doz.   | 10 00 | 12 50 |
| Lily of the Valley  | per doz.   | 3 00  | 4 00  |
| Sweet Peas          | per bunch. | 50    | 75    |
| Adiantum            | per bunch. | 1 00  | 1 50  |
| Asparagus Plumosus  | per bunch. | 25    | 25    |
| Asparagus Sorengeri | per bunch. | 50    | 50    |
| Smilax              | per bunch. | 12 50 | 12 50 |

over \$20,000,000 thus far. The Board of Agriculture if properly supported could make the production of milk more profitable and be more valuable for the farmers. At present the cows in this state decrease at the rate of 3,500 a year. The fact that Massachusetts farmers are producing three times as much in value per acre as California or Kansas produces shows the wisdom of generous help to agriculture by the state. The Governor approves of spending \$1,000 for a Massachusetts agricultural exhibit at the American Land and Irrigation Exposition in New York City next November. Let's all raise our hats to

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J. JANSKY, Tel. Main 3652-1, Boston, Mass.  
19 Province St.  
Manufacturer of Florist Wire Designs.

Bagger and Fancy Ferns \$1.00 per 1000. Green and Bronze Galax, 90c per 1000; by the case, \$7.50. Boxwood, 50 lb. case, \$7.50; by the lb., 25c. Laurel Wreaths, 10 inch, \$1.75 per doz.; 12 inch, \$2.25 per doz.; 14 inch, \$3.00 per doz.; 16 inch, \$4.50 per doz. Laurel Trimming, 4 and 5c per yard.

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and Florists' Supplies.

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A Complete Line of Wire Designs.

Gov. Foss. We believe the above, coupled with less legislation against the farmers, will result in more home production and give us better milk, and healthier children.

Robert Montgomery of Natick and Donald Carmichael of Wellesley left July 10 for the convale of Mystic Shriners to be held in Rochester. There is a large party going from Boston and, of course, the password will be like many of the florists' gatherings, "look out for the water, boys, it's bad."

Gustave Olsen in sending in a fine strain of Shasta daisies to Salesman Fletcher at the Co-operative Market. Mr. Fletcher is also showing some very good centurias.

The genial Tom Peglar leaves New York July 12 to tour England and Ireland.

John McKenzie left Saturday, July 8, on the S. S. Canada for Scotland. MAC.

TRENTON, N. J.—Goeller Bros. of 159 Hamilton street have incorporated their business with \$10,000 capital. The stockholders are Joseph M. Goeller, Nicholas J. Goeller and Martin J. Goeller.

# Field Grown Carnation Plants

We guarantee our plants to be in first-class condition. If we supply you, you can depend on us; getting the best plants in the market. Write us and get our prices.

**THE LEO NIESSEN CO., 1209 Arch St., Philadelphia, Pa.**

## Pittsburgh Cut Flower Company

WHOLESALE GROWERS

121 Seventh Street, PITTSBURGH, PA

Cincinnati.

GOOD STOCK NOT PLENTIFUL.

Business is holding up fairly well for this, the off-season for the trade. In the retail stores naturally funeral work forms the bulk of the business. The wholesalers are kept moving all day between the local rush in the morning and getting out shipping orders for noon and evening trains. It is quite a problem for the buyer to get hold of real first class stock. In this last category may be included only lilies, a few varieties of roses and gladioli. At times the supply of the first mentioned is short of the demand, while at others it just meets it. The gladioli enjoyed an unusually heavy call on last Saturday. Roses as a whole are sufficient to meet the request for them. The supply of pink has increased somewhat while the size of the shipments of white has decreased. Some consignments of very short-stemmed, evidently the first cut of the new crop, have arrived. American Beauties are holding their own. A few asters came in at the close of last week, but they are not as yet in any sufficient quantity at all to be a factor in the market. The supply of green goods is adequate. As a whole the market is, at the time of this writing, not in the best of shape for extraordinary orders as compared with past years. Last year on the date corresponding with the first business day of this week flowers were as a whole cheaper. Gladioli sold at just one-half their present price. Still, judging from reports from various local growers, much heavier cuts will soon be in evidence.

### CLUB MEETING.

The Florists' Society held its annual meeting at the club rooms in the Flower Market. The meeting was well attended. The local men had as their guests two officers of the Chicago Florists' Club, Pres. Philpott and Secy. Pyfer. They proved to be two princes of good fellows that the local men were proud to have as their guests. The officers elected for the ensuing year are as follows:

Gus Adrian, president.  
Wm. Murphy, vice-president.  
Alex Ostendaup, secretary.  
Ed Forter, treasurer.  
Herbert GreenSmith, director.

The meeting was a very spirited one. There was considerable discussion upon a technical point that was led by R. Witterstaetter, one of the old staunch men of the club, on one hand and by Chas. H. Hoffmeister, one of the younger recruits, on the other. It served to awaken an interest in the meeting that made it worth while to attend. Both promise to keep their eyes open for future meetings so you can expect every one that attends to be wide awake. The talks by the visitors were right to the point and

## Wholesale Flower Markets

| PHILADELPHIA, July 12.      |    | Per 100  |
|-----------------------------|----|----------|
| Roses, Beauty, extra.....   | 20 | 00 25 00 |
| "    first.....             | 10 | 00 15 00 |
| "    Brides and Maids.....  | 4  | 00 8 00  |
| "    Killarney.....         | 4  | 00 10 00 |
| "    White Killarney.....   | 4  | 00 10 00 |
| Callas.....                 | 8  | 00 10 00 |
| Cattieras.....              | 25 | 00 50 00 |
| Gardenias.....per doz., 2   | 00 | 23 00    |
| Lilium Harrisii.....        | 6  | 00 10 00 |
| Lily of the Valley.....     | 3  | 00 5 00  |
| Mignonette.....             | 4  | 00 6 00  |
| Snappdragons.....           | 4  | 00 12 00 |
| Sweet Peas.....             | 40 | 1 00     |
| Adianum.....                | 1  | 00 1 50  |
| Asparagus.....per bunch, 50 |    |          |
| Smilax.....                 | 15 | 00 20 00 |

| PITTSBURGH, July 12.               |    | Per 100  |
|------------------------------------|----|----------|
| Roses, Beauty, special.....        | 15 | 00 20 00 |
| "    No. 1.....                    | 10 | 00 12 00 |
| "    Bride Bridesmaid.....         | 2  | 00 6 00  |
| "    Lhtenay.....                  | 2  | 00 6 00  |
| "    Killarney.....                | 2  | 00 6 00  |
| "    My Maryland.....              | 2  | 00 6 00  |
| "    Richmond.....                 | 2  | 00 6 00  |
| Carnations.....                    |    | 2 00     |
| Asters.....                        | 1  | 50 20 00 |
| Cattieras.....                     |    | 50 00    |
| Lilium Longiflorum.....            |    | 10 00    |
| Lily of the Valley.....            |    | 4 00     |
| Sweet Peas.....                    | 50 | 1 00     |
| Adianum.....                       |    | 1 00     |
| Asparagus Sprengeri, per bunch, 35 |    |          |
| "    strings.....per string, 35    |    |          |
| "    sprays.....per bunch, 35      |    |          |
| Peonies.....                       | 3  | 00 4 00  |
| Smilax.....                        |    | 15 00    |

appreciated. After the newly elected officers were duly installed the meeting adjourned for an informal social session at the Savoy.

### OUTING.

The annual outing of the florists will be held at Coney Island Thursday, July 20. The committee has arranged the following program of contests. For boys' ball game in the morning and after luncheon 100-yard dash and sack race. For the ladies and misses, tug of war, 50-yard dash and bowling contest. For the men and youths, 100-yard dash, senior race (open only to the older scouts in the local trade), mile run, tug of war and bowling. The committee wants every local florist, their families and friends to be on hand and feel that if each one lends their aid the affair will be one grand success and everyone will have a royal good time. The official program, with the list of prizes, will be mailed before the end of this week.

### NOTES.

Other vacationists who leave the city are: Alex Ostendaup, for Washington and Virginia, along the Potomac; A. C. Heckman, wife and daughter, for Chicago; Ed Fries and wife, for Denver, Colo., Kansas and surrounding states.

Among the European voyagers this year are four florists from this city. J. A. and Mrs. Peterson, to Norway, Sweden, Denmark, Germany and perhaps continental points; Max Rudolph and Henry Schwartz, to Germany and France.

We regret to report that the "grim reaper" has been getting in more than his share of work. Tom Hardesty lost his father and Henry Gockel of Ft. Thomas a daughter.

H.

## J. M. McCullough's Sons Co.,

Wholesale Commission Florists.

CONSIGNMENTS SOLICITED.

Special attention given to Shipping Orders.

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## EVERYTHING SEASONABLE

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Lickrun, Cincinnati, Ohio

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BOSTON FERNS

5-inch, \$25.00; 6-inch, \$40.00; 7-inch, \$60.00 per 100. Also fine Pinnosus Strings at..... 50c

Largest Growers of High Grade

## DAHLIA BLOOMS

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J

FISHKILL-ON-HUDSON, N. Y.—Benjamin Hammond is planning an extensive addition to the present paint and slug shot works to meet the rapidly increasing demand for his specialties.

BEAVER, PA.—In the hailstorm which passed over this place on the evening of June 11 the greenhouses of W. S. Kidd and T. M. Fitzgerald were badly damaged, the former losing 1,642 lights of 16x24 glass. Mr. Kidd was fortunately insured in the Florists' Hall Association and received a check from them as soon as he filed a claim for his loss.



## National Association of Gardeners.

A meeting of the executive committee of the National Association of Gardeners was held in Madison, N. J., July 10, the object of the meeting being to secure a charter for the association. President Logan called the meeting to order in the James Building, and in the absence of Secretary Noyes, William E. Maynard was nominated to act for him. The charter, which had already been drawn up by a local attorney, was adopted and the following members of the association were elected to serve as trustees under the charter for the first year: Thomas W. Logan, Jenkintown, Pa.; William Kleinheinz, Ogontz, Pa.; Martin C. Ebel, John Tyson and William E. Tricker, all of Madison, N. J.

The chairman then appointed a committee on by-laws, which will meet in Philadelphia next Monday to revise the present constitution of the organization so that it will be in accordance with the conditions of the new charter. The committee was instructed to report at the next annual meeting, which will be held in November.

In the absence of President Dowling, of the Morris County Florists' and Gardeners' Club, Mr. Ebel, on behalf of that gentleman, invited the National Association of Gardeners to participate with the local club at its next annual fall show, which will occur October 26 and 27. The executive committee decided to accept the invitation. Mr. Ebel also suggested that the association hold its next convention at Madison at the time of the fall flower show, he pointing out that as there are many visiting gardeners from far and near attending this show annually, it would both be a convenient and opportune time to have the gardeners meet in convention. It was decided that the convention should be held in Madison on Friday, October 27.

Following the adjournment of the meeting the visitors inspected the laboratories of the Aphine Manufacturing Co. which at the present time is a busy place in the manufacturing of its products, Aphine and Fungine. After this, Manager Ebel of the company entertained the delegates at lunch at the Madison House.

The afternoon's programme included a drive to the establishment of Charles Totty, and the splendid James and Twombly estates, both of which are located in Madison. In the absence of Mr. Totty, who is enjoying a short vacation, Superintendent Tricker showed the visitors through the plant, where the famous Totty chrysanthemums and the new carnations and rose stock were favorably commented on.

Superintendent Tyson, of the Twombly Estate, was on hand to greet the visitors and escorted them over the grounds, the suken gardens and large greenhouses of this place proving especially interesting.

A cordial welcome awaited the party on their arrival at the James Estate, where Superintendent William H. Duckham presides over its affairs. After a tour of the greenhouses and the grounds, there being practically no grander display of floriculture and horticulture on any estate of similar size in this country, Mr. Duckham invited his guests to his home where a pleasant half hour was spent, Mrs. Duckham here superseded her husband as the hostess.

Among the out-of-town members of the association who attended the meetings were President Thomas W. Logan, of Jenkintown, Pa.; ex-President William Kleinheinz, of Ogontz, Pa.; Xavier Schmitt, of Philadelphia, Pa.; John Dodds, of Jenkintown, Pa.; William J. Stewart, Boston, Mass.; E. Thathaway, Tarrytown, N. Y., and William E. Maynard and Harry A. Bunyard, of New York.

## Charles Weiss &amp; Sons

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Telephone 1202 Madison Square  
**WHOLESALE FLORISTS**  
Receivers and Growers of Cut Flowers.  
Consignments Solicited.

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Wholesale Florists

Telephone: 8346 Madison Square.

136 W. 28th St., New York City  
New York.

The many friends of John B. Nugent, Jr., president of the New York Florists' Club, will be surprised to learn of his marriage to Miss Salney D'Orsell, a soprano with the Aborn Opera company. While it was known that Mr. Nugent was devoted to the singer yet their friends did not expect them to leave the state to marry. But the wedding took place at Baltimore on June 7. Miss D'Orsell has been identified with the Aborn Opera companies for several years and in musical circles it was said that Mrs. Nugent was not expected to relinquish her operatic career for the present.

## Buffalo.

TRADE QUIET.

There is one place in every city and town that the Supreme Ruler does not cast his extreme heat on. That is the flower shops. For what reason we cannot tell, unless it is because we dispense so much pleasure to the many in sending his prettiest things to them. Nevertheless flower shops have been the coolest places in any city the past two weeks and those who expect a vacation later are the ones to be envious. Roses and carnations should be mentioned, nothing more, the sun has done the rest. Harrisii and Japanese lilies, are good, the former will be through this week. Sweet peas have been good and the supply abundant. Watering by sweet pea growers enables them to send in good flowers. Trade has been quiet with the exception of funeral work, which has been spasmodic, but some busy days and large orders kept the florists from getting too languid. Quiet times have enabled the window artists to think up different schemes for their windows and they have been successful. Anderson has had a miniature fountain in his window with gold fish swimming in the basin, green moss covers the window, white lilies, sweet peas, poppies and corn flowers give it the appearance of a beautiful private lawn. Palmer & Son have sought to call attention to the old home. They have an old mill with a bridge which reminds one of what pleasures there are in the country and at the old mill. Both windows have been very attractive.

## NOTES.

W. J. Palmer has purchased what is conceded to be one of the most desirable pieces of residence property in Buffalo. It is on the corner of North Lincoln parkway and Chatham avenue, a part of the Pan-American property but fronting on the prettiest part of the park. Mr. Palmer will start building at once.

There are more rumors of another wedding of a Main street florist in the near future. There are only three unmarried on Main street, and Ed. Altman and Ed. Stroh are not the ones. (It has the savor of "vinegar" but only in name.) "Guess who."

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**WILD SMILAX**  
AND ALL OTHER  
**DECORATIVE GREENS**  
FROM  
**GEORGE M. CARTER**  
EVERGREEN ALABAMA  
THE QUICKEST  
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## Sheet Log Moss

Fresh and Green

\$1.25 per 2-bushtel sack, for immediate delivery

CHAS. H. CRAMER,

Florist.

UNIONTOWN, PA.

## Huckleberry Foliage

A Very Pleasing New Decorative Green.

Perpetuated and

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**MOSES**

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A pleasing substitute for Wild Smilax.

Same size cases as Wild Smilax, \$2.50.

Caldwell the Woodsman Co.

EVERGREEN, ALA.

U S Budlong's  
E Blue Ribbon Valley.

S. A. Anderson is erecting a new barn and garage at his Elmwood avenue place and also making alterations in his green houses, connecting his large front house to the smaller one adjoining the store.

Miss Edna Goehring of S. A. Anderson's is visiting in Detroit. Peter Stroh of the same store is at Marie Place near Buffalo.

J. Rowland Cloudsley, who has retired from the Lenox Flower Shop, has not decided what he will do as yet.

The Buffalo Florists' Club will meet on Wednesday, July 12, when a date for the picnic will be decided on.

Miss A. T. Lindsay, of the S. A. Anderson's office force, has returned from Atlantic City.

E. C. Brueker, of Wm. F. Kasting Co., and Joseph Sangster have been in Detroit. BTSON.

PHILADELPHIA

NEW YORK

WASHINGTON

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Everything in Cut Flowers.

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Everything in Supplies



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Roses, Carnations and all kinds of Seasonable Flowers in Stock.

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Florists' Supplies and Wire Designs.

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**N. Y. Cut Flower Exchange**Coogan Bldg., 6th Ave. & W. 26th St., New York  
Open for Cut Flower Sales at 6 o'clock Every Morning.

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1665 }**Wholesale Flower Markets**

NEW YORK, July 12.

|                               |             |
|-------------------------------|-------------|
| Roses, Beauty, special.....   | 10 00@20 00 |
| "    extra and fancy....      | 6 00@8 00   |
| "    No. 1 and No. 2....      | 1 00@3 00   |
| Bride, Bridesmaid, special.   | 3 00@5 00   |
| extra and fancy.....          | 2 00@3 00   |
| "    No. 1 and No. 2....      | 50@1 00     |
| Killarney, My Maryland, spl.  | 3 00@5 00   |
| extra and fancy.....          | 3 00@3 00   |
| "    No. 1 and No. 2....      | 50@1 00     |
| Richmond.....                 | 1 00@2 00   |
| Carnations.....               | 1 00@3 00   |
| Callas.....                   | 4 00@5 00   |
| Cattleyas.....each.           | 35@ 75      |
| Gardenias.....per doz.        | 50@2 00     |
| Lilium Longiflorum.....       | 2 00@2 50   |
| Lily of the Valley.....       | 1 00@3 00   |
| Sweet Peas.....per doz. bchs. | 35@ 1 00    |

BUFFALO, July 12.

|                                  |             |
|----------------------------------|-------------|
| Roses, Beauty, special.....      | 20 00@25 00 |
| "    fancy.....                  | 15 00@20 00 |
| "    extra.....                  | 10 00@2 00  |
| "    No. 1.....                  | 8 00@10 00  |
| "    No. 2.....                  | 2 00@3 00   |
| Bride Maid, Killarney.....       | 2 00@6 00   |
| Killarney, White and Pink.....   | 2 00@8 00   |
| Carnations.....                  | 1 00@2 00   |
| Daisies.....                     | 1 00@1 50   |
| Lilium Longiflorum.....          | 3 00@10 00  |
| Lily of the Valley.....          | 3 00@4 00   |
| Sweet Peas.....                  | 40@ 50      |
| Adiantum Crowneum.....           | 75@ 1 50    |
| Asparagus per bunch.....         | 35@ 50      |
| Asparagus Sprenger.....          | 35@ 50      |
| Asparagus Str.....               | 50@ 60      |
| Ferns.....per 1000 \$1 50        |             |
| Galax, bronze.....per 1000. 1 00 |             |
| Smilax.....                      | 15 00       |

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Wholesale Commission Dealer in

**CUT FLOWERS**

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## For Summer Flowering

We have an unusually fine lot of Hydrangeas, which have been held dormant all winter. These plants are now in bud and bloom, and will flower in fine shape during July and August. We have a fine lot of **Blue Hydrangeas**, as well as pink. Plants are in splendid shape for immediate use, and will flower during July and August—at a time in the year when they are in the greatest demand. We can furnish these plants in ordinary butter tubs at \$2.00 and \$3.00 each.

Plants in new cedar tubs, painted green, with handles, as follows: Well budded plants in 14-in. tubs, \$3.00 each; 16-in. tubs, \$4.00 and \$5.00 each.

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We have an exceptionally fine lot of **Boston Ferns** of the **Harrisii** type; also a splendid lot of **Pierson Ferns**. Good bushy, well-grown plants in 8-in. pots that will please the most critical buyer, **\$1.00 each**.

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We offer a selected and carefully grown stock of the original pure **Harrisii**. There are only one or two lots of bulbs on the island as good as the stock that we offer. We take pleasure in offering this stock, because it will be found to be very superior to the average stock that is generally offered. This is one of the healthiest and cleanest lots, and will give much better satisfaction than the stock usually obtainable. Our customers who had **Harrisii** from us last year stated it was the best they had received in years. We have only a limited stock, which we are offering, and when stock is exhausted, we shall have no more to offer this season.

Fine selected bulbs, 6-7 inch, 350 to the case, **\$16.00** per case, or full 1000 lots at **\$45.00** per 1000; 7-9 inch, 200 to the case, **\$17.00** per case, or full 1000 lots at **\$80.00** per 1000; 9-11 inch, 100 to the case, **\$18.00** per case, or full 1000 lots at **\$175.00** per 1000.

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The Nearby East  
and The Great West**

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## BUSINESS RELATIONS

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**To Be Issued August 10**

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Advertising rates are as usual, \$1 per inch, single column width, \$30  
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**The American Florist** 440 S. Dearborn St.,  
CHICAGO.

 **The Early Advertisement Gets There.**



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Florists, Seedsmen  
and Nurserymen

OF THE UNITED STATES AND CANADA

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Edition of 1911 Just Published  
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**A Ready Reference Manual---590 Pages**

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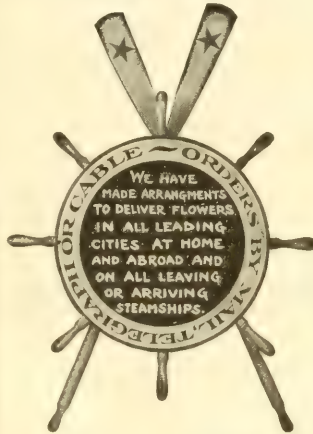
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A sign like this in your window will draw good Business now.

## Steamship Sailings.

FROM NEW YORK EXCEPT AS NOTED.  
July 18.

New Amsterdam, Holl-Amér., 10 a. m., Ho broken Pier.  
Kaiser Wilhelm der Grosse, No. Ger. Lloyd, 10 a. m., Hoboken Pier.  
FROM BOSTON, Zealand, White Star, 3 p. m., Charlestown Pier.

July 19.

Lusitania, Cunard, Piers 54 and 56, North River.  
Oceanic, White Star, 3 p. m., Piers 60 and 61, North River.

July 20.

Pannonia, Cunard, Piers 54 and 56, North River.  
La Lorraine, French, 10 a. m., Pier 57, North River.  
Perugia, Anchor, Pier 64, North River.  
FROM PHILADELPHIA, Prinz Oskar, Ham-Amér., 11 a. m.  
FROM MONTREAL, Lake Manitoba, Can.-Pac., daylight.

July 21.

FROM PHILADELPHIA, Menominee, Red Star, 10 a. m.  
FROM BOSTON, Numidian, Allan, Charlestown Pier.  
FROM MONTREAL, Victorian, Allan.

July 22.

Cedric, White Star, 11 a. m., Piers 60 and 61, North River.  
St. Paul, Amer., 9:30 a. m., Pier 62, North River.  
Caledonia, Anchor, 3 p. m., Pier 64, North River.  
Florida, French, Pier 84, North River.  
Chicago, French, Pier 84, North River.  
FROM MONTREAL, Laurentic, White Star-Dom., 9 a. m.

Great Britain.

**WILLS & SEGAR,**

Royal Exotic Nurseries,  
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Florists To His Majesty The King.

We shall be pleased to carry out commissions from our American confreres to deliver Cut Flowers, Floral Baskets, Designs, etc., to any part of Great Britain.  
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To out of town florists  
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We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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Personal Attention to all Orders.

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Orders will be carefully  
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Corner Miami and Gratiot Avenues.

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High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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Established 1874. Incorporated 1909.

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The Most Central Location in City.

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Both Phones. 527.

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Send flower orders for delivery in

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Established 1874.

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Boston—Hoffman, 59-61 Mass. Ave.  
Boston—Penn. The Florist, 43 Bromfield St.  
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.  
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Louisville, Ky.—Jacob Schulz, 550 S. 4th Ave.  
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New York—Frank Valentine, 158 E. 110th.  
New York—Young and Nugent.  
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Philadelphia—Robert Kirt, 1725 Chestnut.  
Pittsburg, Pa.—A. W. Smith Co., Keenan Bldg.  
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Toronto, Ont.—Dunlop's, 96 Yonge St.  
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Washington—Geo. H. Cooke, Conn. Ave. and L.  
Washington—Gude Bros.  
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**Alexander McConnell,**

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**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
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Mention the American Florist when writing.

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HIGH GRADE OF FLOWERS

Phones: Central 5196 All orders are very  
2190 carefully execute

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

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**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

Washington, D. C.

**Geo. C. Shaffer.**

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Write, Telegraph or Telephone!

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Flowers or Design Work.

Delivered in Albany and Vicinity or  
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11 NORTH PEARL STREET.

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Canada's best known and most reliable florist

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Best  
Dunlop's**

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We deliver anywhere in Canada and guarantee  
safe arrival.

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**C. C. Pollworth Co.**

Will take proper  
care of your orders in **Wisconsin**



## The Seed Trade.

### American Seed Trade Association.

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Marshall H. Durfee, New York, First Vice-  
President; Edgar Gregory, Marblehead,  
Mass., Second Vice President; C. E. Ken-  
del, Cleveland O., Secretary and Treasurer.  
Next annual convention, June, 1912.

LATE peas in Canada are said to be suffering seriously from drought.

A. H. GOODWIN, Chicago, is quite optimistic with regard to the pea situation.

THE winter onion set crop will be ready a little earlier than usual this season in the west as the stock has ripened rapidly under the heat.

WASHINGTON, D. C.—F. W. Bolgiano is home again after attending the convention at Marblehead, Mass. He is well pleased with the work of the convention.

VISITED CHICAGO.—A. J. Brown, Grand Rapids, Mich., passing through on his annual crop inspection tour.—A. H. Goodwin, up from his Vawter Park, Ind., summer home for a few days.

ONION SET pulling has begun actively in the Chicago growing district. The middle of next week will see most of them in the crates as the extreme heat has ripened the crop very fast in the past 10 days.

HOLLISTER, CALIF., July 8.—Crops looking well. The cool weather has improved the radish crop, which may turn out 75 per cent of the average yield. Onions looking very well. Sweet peas one-half crop. Carrot very light. Salsify short.—W.

DALLAS, TEXAS.—Robert Nicholson, president of the Texas Seed & Floral Co. for twenty-five years and founder and manager of the company, has severed his connection with that firm and established himself in the wholesale seed business at 401-403 Commerce street.

SHENANDOAH, IA.—The Henry Field Seed Co. at its annual meeting July 1 declared a dividend of nine per cent. The past season has been quite prosperous and as there was a good cash balance the directors decided to make the dividend nine instead of the usual eight per cent. The old directors were all reelected with the addition of A. M. Eldridge to fill the vacancy which has existed on the board the past year.

As a result of the insecticide law, both wholesale and retail prices of insecticides have advanced.

GOLF grounds and grass plots in the parks show very brown after the burning heat of the last two weeks.

ARTHUR B. CLARK, of the Everett E. Clark Seed Co., Milford, Conn., is at Green Bay, Wis., looking over his firm's seed crops in that section.

DICK ENGLEMAN, one time seedsmen of Omaha, Neb., and now in the steel and iron business, residing near Chicago, is 84, but looks only 40, and is still interested in sets.

ARTHUR L. DEAL, representing W. W. Johnson & Son, Boston, Eng., will sail for New York July 22 to call on the American trade. His address upon arrival will be Hotel Imperial, New York.

THIS is the time of year when the seedsmen, are watching to see how their neighbors pay their bills. The fact that it has not been easy sailing everywhere is shown by some slowness in the seed trade collections generally.

THE PEA CROP.—There is no doubt that garden peas have been badly hit by the hot weather. Some of the early sown peas will make a fair crop, but the later plantings will yield very little. The wet weather in spring hurt the stand on low land in many places and caused late planting. The results are quite spotted and it will be hard to tell until very late what actual deliveries will be like.

LOS ANGELES, CALIF.—At John Bodger & Sons' seed farm near Dominguez, splendid stands of Spencer sweet peas may be seen, also German stocks with 75 per cent double flowers. Petunia Giants of California is magnificent, the flowers beautifully fringed and veined and first class in every way.—Chas. Winsel is now well established in his new location at 211 Main street and reports an excellent business. He has improved and rearranged his nursery on Washington and Figueroa streets in preparation for the fall trade and is expecting heavy importations of box and bay trees, araucarias and other European stock. Fifty thousand manettis are also expected for working varieties of roses that do not do well on their own roots.—H. R. R.

### Iowa Crops.

Muscadine, July 7.—The best news we have now is the splendid rain of July 5 which broke the drought and saved our melon and tomato crops here. Our Earliana tomatoes were beginning

to scald on the vines, but they are all right now unless we get another drought. We had hard work in getting a stand of peppers in our fields for seed purposes as the hot weather cooked them just at the level of ground and many of the plants fell over dead, some fields being replanted four times. They have grown very slowly the last two weeks, it has been so dry and hot, but now they are making a fine start. We picked our first ripe Earliana tomatoes June 24, the earliest date here. Our Osage and Rockford muskmelon fields are full of melons and in the morning fairly yellow with bloom. We have Kleckley Sweets watermelons about a foot long, which is a record here. Green peas and wax beans were almost a failure. Cabbage is being cut now but so far the heads are small on account of drought. Sweet potatoes are poor so far, a very poor stand, the weather being too dry for them to grow as rapidly as they should at this time. Egg plant started off slowly but is doing well now and beginning to bloom. Early sweet corn was poor as the cobs were not well filled and there was a good crop of worms to be fed this year. Our fields of asparagus roots for the trade this fall and next spring are a handsome sight. They started well and we have kept them well weeded and clean. H.

### Pittsburg.

#### THE FIRST ASTERS.

Weather and business conditions are about the same as reported last week. Considering the extreme heat flowers arriving in this market are pretty good. Asparagus Sprengeri and plumosus are a drug just now, quantities going by way of the ashman. Asters have made their appearance in this market, but owing to dry weather are very short and poor.

#### NOTES.

The first of a series of games for the base ball championship of the florists of the city was played last week. The Zeiger Co. defeating the A. W. Smith Co. by the score of 19 to 2. The nine were composed as follows: Zeiger—Allridge, s. s.; Ackerman, 2nd b.; Kilgallon, 1st b.; Gerbe, c.; Jackson, 3rd b.; Graves, r. f.; Treager, 1. f.; Beet, c. f.; Daschbach, p. Smith—McCauley, c.; O'Connell, 1st b.; Hall, 2nd b.; Marshall, s. s.; Gross, 3rd b.; Weiss, c. f.; Arnold, p.; Hager, p.; Wilby, 1. f.; King, r. f.

Chester Greenhouses of Chester, W. Va., have leased The Lake Newell Floral Co. greenhouses, Newell, W. Va., and will be known as the Colton Greenhouse Co.

G. & J. W. Ludwig, North Side, lost a quantity of ferns and palms, valued at \$400, through an explosion next door to their storerooms.

The McCallum Co. had a very unique order from one of their customers this week in the way of a five passenger touring car.

E. M. Neigle, foreman of the McCallum Co. wire works, is spending a couple of weeks at Parkers Landing.

F. H. Westhoff, Westhoffman, is cutting some nice summer roses.

Lorch & Hoffmeister are well satisfied with their new business. J

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

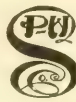
Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister, California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.  
Correspondence  
Solicited.



Established 1810.

## Denaiffe & Son,

CARIGNAN, NORTHERN FRANCE,

G owners on Contract

Highest Grade Seeds.

Specialties: Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Parsley, Radish, Rutabaga, Turnip.

Sole Ag't for U. S. and Canada,  
CHARLES JOHNSON, Marietta, Pa.

**GIANT PANSY SEED****The KENILWORTH Strain**

must not be compared with the flimsy Trimarantus; it is much larger and of good substance. The immense flowers of  $3\frac{1}{2}$  to 4 inches are of perfect form every tint and shade is produced in striking combinations and endless variations of beautiful colors and markings; it is the result of years of selections. The stock plants are selected from many thousands of plants grown for market. It is rich with shades of brown, bronze, red, mahogany and numerous others. 1911 seed now ready: light, medium or dark mixtures, 2,600 seeds, 50c; 5,000, \$1.00;  $\frac{1}{4}$  oz. \$1.25; oz. \$5.00.

**Pansies in Separate Colors**

Giant Adonis, beautiful light blue.  
Giant Emperor William, ultramarine blue.  
Giant King of the Blacks, coal black.  
Giant Beaconsfield, violet, shading to white.  
Giant Golden Queen, yellow.  
Giant Golden, yellow, with dark center.  
Giant Masterpiece, beautifully ruffled with a wide range of rich colors.  
Giant White.  
Giant White, with large violet center.  
Giant Royal Purple, fine large flowers.  
Giant Orchard flowering, rare shades.  
Giant Bronze and copper shades.  
Giant Light Blue, delicate shades of blue.  
Giant Dark Blue, deep blue shade.  
Trade pkt., 25c; any 5 for \$1.00; any 11, \$2.00.

Rainbow is a blend of over 50 of the latest introduction of Giant Pansies of the most beautiful gorgeous colors; blotched, striped, veined, marbled etc. With every \$1.00 worth of Pansy Seed I will send 1000 of Rainbow free, and with other amounts in like proportion.

**Chas. Frost**  
**Kenilworth,**  
**N. J.**

Mention the American Florist when writing

**Giant Pansies**

The finest large flowering varieties, critically selected, 6000 seeds, \$1.00;  $\frac{1}{2}$  packet, 50c; oz., \$2.50. A liberal extra packet of Giant Mme. Perret Pansy Seed added to every order for Pansy Seed.

**Chinese Primrose**, Finest grown, single and double mixed, 600 seeds \$1.00;  $\frac{1}{2}$  packet, 50c; 1000 seeds \$1.50. Colors separate also.  
Cash. We can please you.

**JOHN F. RUPP**, Shiremanstown, Pa.

Mention the American Florist when writing

**Florists and Seedsmen, Scratch or Poultry Food**

Sell Your Own  
We will make it for you under your own brand for \$26.00 per 100 lbs. Seed today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th 1910, writes as follows: "I want to state that your three grades of Poultry Food—Quick Starter, Developing Food and "Scratch Deal" Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and found in grain and a pleasure to handle."  
**J. BOLDIANO & SON**, Importers and Wholesalers  
(Established for 92 years) Baltimore, Md.

Mention the American Florist when writing



**H. WREDE,**  
**LUNENBURG, GERMANY**  
**PANSY SEED**

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed, .25c  
1 oz. \$2.25

Price list on application. Cash with order.  
Mention the American Florist when writing

**GET RICH QUICK**

Grow Cold Storage Lilies.

A case of 200 G. autumns cost you \$14.00. Will produce in 10 weeks at least 40 dozen flowers. Figure out your profits. Get a case at once from  
**C. C. POLLWORTH CO.**, Milwaukee, Wis.  
Mention the American Florist when writing

**Forcing Bulbs**

Let us quote you  
**French Romans**  
**Narcissus P. W. Grand.**  
**L. Giganteum**  
(We own them right)

**Freesias**

**REFRACTA ALBA**, California Grown

|                                                       |          |
|-------------------------------------------------------|----------|
|                                                       | Per 1000 |
| Mammoth, $\frac{3}{4}$ and up.....                    | \$8.00   |
| Choice, $\frac{1}{2}$ to $\frac{3}{4}$ in.....        | 6.00     |
| First Quality, $\frac{3}{8}$ to $\frac{1}{2}$ in..... | 4.00     |

**PURITY--True**

|                                                    |         |
|----------------------------------------------------|---------|
| Extra Size, $\frac{1}{2}$ to $\frac{3}{4}$ in..... | \$20.00 |
| First Size, $\frac{3}{8}$ to $\frac{1}{2}$ in..... | 17.50   |

Write us if you are buyers.

**Vaughan's Seed Store,**

**CHICAGO--NEW YORK**

**Special Rates for Quantities**

We have qualities and prices to date.

**S. M. Isbell & Co.,**

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Maskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence solicited.

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.

Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

**Waldo Rohnert**

GILROY, CAL.

**Wholesale Seed Grower,**

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mizoneite, Verbena in variety.  
Correspondence Solicited.

**Henry Fish Seed Co.**

**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Telegraph Code**

**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders  
AMERICAN FLORIST CO., CHICAGO.

**J. C. Robinson Seed Co.**

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

ESTABLISHED IN 1824.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,

37 East 19 St., New York  
bet. Broadway and 4th Ave.  
Telephone 4235 Gramercy.

**Asparagus Plumosus Nanus SEED**

Fresh, true to name and highest germination.  
For Quick Sale  
\$1.75 per 1000; 25,000 and over at \$1.50

**DRAKE POINT GREENHOUSES, YALAH, FLORIDA.**

**ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists  
Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS**

**ROEMER'S Superior PANSIES**

The finest strain of Pansies in the World. Introduced and Grown of all the leading Novelties. Highest Award International Exhibition Dusseldorf, 1905. Catalogue free on application.

**FRED. ROEMER**, Seed Grower, Quedlinberg, Germany.



# We Are Making This Extraordinary Offer IN ROSE PLANTS Because We Need the Room

If you are in need of good choice Rose Plants, order of us immediately, to-day, **NOW**, before they are all sold.

## GOOD STOCK AT THE FOLLOWING PRICES:

| From 3-in. pots.  |         |          | From 2 1/2-in. pots. Per 100 Per 1000 |        |         | From 2 1/2-in. pots. Per 100 Per 1000    |        |       |
|-------------------|---------|----------|---------------------------------------|--------|---------|------------------------------------------|--------|-------|
|                   | Per 100 | Per 1000 |                                       |        |         |                                          |        |       |
| American Beauties | \$5.00  | \$40.00  | Pink Killarney                        | \$5.00 | \$40.00 | Bride                                    | 2.50   | 20.00 |
| Perle             | 5.00    | 40.00    | White Killarney                       | 5.00   | 40.00   | Uncle John                               | 2.50   | 20.00 |
|                   |         |          | Maryland                              | 5.00   | 40.00   | Ivory                                    | 2.50   | 20.00 |
|                   |         |          | Perle                                 | 3.00   | 25.00   | Asp. Sprengerli, 2 1/2 in. pots, per 100 | \$2.50 |       |

**PETER REINBERG, 30 East Randolph St., Chicago**

## BAY TREES

STANDARD or TREE SHAPED.

| Stems          | Crowns         | Each   | Pair    |
|----------------|----------------|--------|---------|
| 24 30 inch.... | 22 22 inch.... | \$7 50 | \$14 00 |
| 38 44 inch.... | 22 24 inch.... | 6 50   | 12 00   |
| 42 46 inch.... | 24 inch....    | 6 75   | 12 50   |
| 45 48 inch.... | 26 inch....    | 7 50   | 14 00   |
| 45 48 inch.... | 28 inch....    | 8 00   | 15 00   |
| 45 48 inch.... | 30 inch....    | 10 00  | 18 00   |
| 46 54 inch.... | 40 inch....    | 15 00  | 28 00   |

PYRAMIDAL SHAPED.

| 6 ft. high, 26 28 inch diam. | Each    | Pair    |
|------------------------------|---------|---------|
| eter at base                 | \$10 00 | \$18 00 |

**Asparagus Plumosus Nanus**  
Seedlings, ..... per 100. \$1 50; per 1000, \$12 00

### Ampelopsis Veitchii

4 inch. pot-grown started plants  
Each, 30c; per doz., \$3 00; per 100 \$20 00.

**Primula Obconica Grandi.**  
Rosa and Mixed Doz. 100  
2 1/4 in. pots ..... \$0 60 \$4 00

## ROSES

|                    | 2 1/2-inch    | 3 1/2-inch |
|--------------------|---------------|------------|
|                    | Per doz. 100  | Doz. 100   |
| American Beauty    | \$1 75        | \$12 00    |
| Clothilde Soupert  | 1 50          | 10 00      |
| Climbing Clothilde |               |            |
| Souper             | 2 00          | 15 00      |
| Gruss an Teplitz   | 1 50          | 10 00      |
| Kaiserin Augusta   |               |            |
| Victoria           | \$0 60 \$4 00 |            |
| Killarney, white   |               | 2 00 15 00 |
| Mme. Segond Weber  |               | 2 50 18 00 |
| Mos-la             | 50 4 00       |            |
| My Maryland        |               | 2 00 15 00 |
| Prince de Bulgarie |               | 3 50 25 00 |
| Radiance           |               | 2 00 15 00 |
| Ruby Rambler, 3 in | 1 25 8 00     |            |
| Richmo d           | 85 6 00       | 1 75 12 00 |
| Souv. de Pres.     |               |            |
| Carrol             | 60 4 00       |            |
| White Baby         |               |            |
| Rambler            | 50 4 00       |            |

F. O. B. Western Springs.

### Vaughan's Seed Store,

31-33 W. Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK.  
Greenhouses, Trial Grounds and Nurseries,  
Western Springs, Ill.

## R O S E S

### OWN ROOT

4,000 Beauties, 4-in. .... 12c  
3,000 each Brides, Maids, Richmond,  
500 each Chatsenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney  
and Golden Gate, 4-in. at ..... \$8.00 per 100  
2,000 Pink Killarney, own root, 3-in. at ..... \$8.00 per 100; \$75.00 per 1000

### GRAFTED STOCK, 3-in.

400 each White and Pink Killarney,  
200 each Richmond, Chatsenay, Ivory, Golden Gate and Uncle  
John ..... \$15.00 per 100

**CHARLES H. TOTTY, Madison, N. J.**

## ROSES

Clean, Healthy Stock. Limited  
Quantity. First Come, First Served.

For immediate shipment we offer the following varieties  
at reduced prices, as we need the space they occupy:

|                           | Per 100 | Per 1000                              |
|---------------------------|---------|---------------------------------------|
| My Maryland, 3 1/2-in.    | \$6.00  | Pink Killarney, 2 1/4-in. .... \$4.00 |
| Pink Killarney, 3 1/2-in. | 6.00    | Mrs. Jardine, 2 1/4-in. .... 4.00     |
| My Maryland, 2 1/4-in.    | 4.00    | White Killarney, 2 1/4-in. .... 4.00  |

**ASPARAGUS PLUMOSUS NANUS, 2-in. .... \$3.00 per 100; \$25.00 per 1000**

**J. A. BUDLONG, 82-86 E. Randolph St., Chicago**

## Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                              |                                    |
|----------------------------------------------|------------------------------------|
| 3-inch                                       | ..... \$8.00 per 100               |
| Asparagus Seedlings, prepaid, we have 20,000 |                                    |
| Plumous                                      | ..... 90c per 100. \$7.50 per 1000 |
| Sprengerli                                   | ..... 60c per 100; \$5.00 per 1000 |

— Cash, please. —

### THE REESER PLANT COMPANY

Exclusively Wholesale  
Plantmen—**SPRINGFIELD OHIO**

TITUSVILLE, PA.—Leo J. Rowe is making extensive improvements at his greenhouse on East Spruce street. Two or three of the old houses are to be torn down and modern concrete and iron houses erected.

## THE CHRYSANTHEMUM MANUAL.

By **ELMER D. SMITH.**

NEW AND REVISED EDITION.

Price 40 Cents. Cash with order.

**AMERICAN FLORIST CO.**  
440 S. Dearborn St., CHICAGO.

EAST HEMPSTEAD, N. Y.—Henry Weston is erecting a new greenhouse 40x300 feet.

BOSTON, MASS.—The garden committee of the Massachusetts Horticultural Society were entertained by C. W. Parker, president of the society, June 29, at his home "Redgrates" on Marblehead Neck. They also visited the rose gardens of Mrs. Harriet R. Foote and the estate of Charles S. Eaton. The party consisted of Secretary W. P. Rich, Arthur Barney, William Nicholson, J. B. Shurtleff Jr., T. D. Hatfield, James Garthley, Arthur H. Fewkes and Charles Sander.

# PANSY SEED TIME



CHALLENGE PANSIES

|                                                                | Trade pkt. | 1/4 oz. | oz.    |
|----------------------------------------------------------------|------------|---------|--------|
| Giant Pretiosa. Crimson-rose, white margin, violet blotch..... | \$0.15     | \$0.60  | \$2.00 |
| Giant White. Violet spot the largest white.....                | .10        | .50     | 1.50   |

## PANSY—BODDINGTON'S "CHALLENGE"—ALL GIANTS

This mixture contains all the finest Giant strains—of the leading Pansy Specialists in the world—the Giants—if colors, the Giant striped and margined, and the Giant blotched etc., all carefully mixed in proportion—the finest that money can buy—the finest your money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

Trade pkt., 50c; 1/4-oz., 75c; 1/2-oz. \$1.50; 1-oz., \$2.75; oz., \$5

## CHOICE VARIETIES OF GIANT PANSIES

|                                                                                                                                                   | Trade pkt. | 1/4 oz. | oz.    |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|--------|
| Giant Trimmerdeau. Improved mammoth-flowering and in good range of color.....                                                                     | \$0.15     | \$0.50  | \$1.50 |
| Giant Masterpiece (Friedland Pansy). Petals beautifully waved, exquisite color.....                                                               | .15        | .85     | 3.00   |
| Cassier's Giant. A fine strain of large highly colored flowers.....                                                                               | .15        | .85     | 3.00   |
| Giant Bunnot's Stained. Exhibition. Extra choice flowers large and plenty of light colors.....                                                    | .50        |         |        |
| Giant Madame Perret. A recent introduction by a celebrated French specialist; of strong, free growth. Especially rich in red shades.....          | .15        | .85     | 3.00   |
| Giant Fire King. Brilliant reddish yellow, with large brown eyes.....                                                                             | .25        | 1.00    | 3.00   |
| Giant Lord Beaconsfield. Deep purple violet, top petals light blue.....                                                                           | .15        | .50     | 1.50   |
| Giant Canary Bird. A five-spotted yellow variety. Ground color in a deep yellow and each petal is marked with a dark blotch.....                  | .15        | .85     | 3.00   |
| Giant Orchidaceaflora, or orchid-flowered Pansy. Splendid variety. Beautiful shades of pink lilac, orange, rose, terra cotta, champagne, etc..... | .25        | 1.25    | 4.00   |
| Giant Emperor William. Ultramarine blue, purple eye.....                                                                                          | .40        | .50     | 1.50   |
| Giant Golden Queen. Bright yellow, no eye.....                                                                                                    | .15        | .60     | 2.00   |
| Giant Golden Yellow. Yellow, brown eye.....                                                                                                       | .25        | .75     | 2.50   |
| Giant King of the Black (Faust). Black.....                                                                                                       | .15        | .60     | 2.00   |
| Giant President McKinley. Golden yellow, large dark blotch.....                                                                                   | .15        | .85     | 3.00   |
| Giant Prince Bismarck. Yellowish bronze, dark eye.....                                                                                            | .25        | .75     | 2.50   |
| Giant Rosy Lilac.....                                                                                                                             | .15        | .60     | 2.00   |

**ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street, NEW YORK**

## New Bedford, Mass.

The rose exhibition of the New Bedford Horticultural Society was held in the Free Public Library building June 27. There was a large and varied display consisting of more than 1,200 roses and besides water lilies, gardenias, geraniums, delphiniums, iris and other flowers. The largest displays were from the Rogers estate, Fairhaven (James Garthley, superintendent), and from the rose gardens of Miss S. B. Fay (M. H. Walsh, superintendent), Woods Hole. More than 425 vases of roses were exhibited from the former estate alone, beside a magnificent specimen of a geranium bearing 70 blooms, and rhododendrons, sweet peas, Japanese iris and delphiniums. Fully as beautiful and almost as large was the display from the estate of Miss Fay of Woods Hole. An interesting exhibit was made by Mrs. Frederick Grinnell (John F. Rooney, gardener). H. A. Jahn made a fine display of roses which included some extra fine specimens. To the new climbing rose Silver Moon exhibited by A. J. Fish, the judges recommended an award of a silver medal. The prizes were awarded as follows:

Best vase double pink roses, any variety—John A. Ruggles, first; Mrs. F. W. Tervilligen, second.

Best vase double crimson, any variety—Mrs. F. W. Tervilligen, second.

Best three blooms double white, any variety—Mrs. Charles I. Gibbs, first and second.

Best three blooms double pink—Mrs. Chas. I. Gibbs, first; John A. Ruggles, second.

Best three blooms any variety not offered in any American catalogue previous to 1908—Mrs. Helen Burns, first; Charles R. Rice, second.

## For Fall Planting

Lilium tenuifolium, Hansonii, Davuricum, Henryi, Elegans and Wallacei; Daphne Cneorum, Delphinium Formosum, Syringa Japonica, German and Japan Iris. Fall list issued in August.

E. S. MILLER, Wading River, N. Y.

## Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

Nic. Zweifel, North Milwaukee, Wisconsin.

## CARNATIONS

F. DORNER & SONS CO.

La Fayette, Indiana.

Best vase single, any color—Jethro Hathaway, first.

Best bloom double white—Louis W. Macy, first.

Best bloom double pink—Jethro Hathaway, first.

Best bloom double crimson—Louis W. Macy, first.

Best bloom double, any other color—F. G. Tripp, first.

EAST ORANGE, N. J.—Joseph Miller, employed by Albert Roloff, was convicted of the theft of a suit of clothes and sentenced to sixty days in jail.

## PANSIES

### Brown's Improved Giant Prize Pansy Seed

Finest Strain in the Market.  
1911 Crop, Mixed Seed:

|             |        |               |         |
|-------------|--------|---------------|---------|
| 1/4 oz..... | \$1.00 | 1 oz.....     | \$5.00  |
| 1/2 oz..... | 1.50   | 1 1/2 lb..... | 14.00   |
| 1/2 oz..... | 2.50   | 1 1/2 lb..... | 25.00   |
| 1 lb.....   |        |               | \$50.00 |

Separate colors: Giant Yellow, Giant White, Lord Beaconsfield, Emperor William, same p. ice. Cash with order.

PETER BROWN, Lancaster, Pa.

Please mention the American Florist when writing

## J. D. Thompson Carnation Co.

Carnation Specialists

JOLIET, ILL.

## FROM SPAIN

**Specialties:** Onions, Peppers, Early Tomato, Cucumber, Beans, Egg Plants.

SEEDS: Grown on contract for the United States Seedsmen by

Federico C. Varela, Teneriffe, Canary Islands; Spain. Equaries requested: I do not supply growers direct.

**Always** mention The American Florist when you order stock.



## Market Gardeners

Vegetable Growers' Association  
of America.

B. L. Watts, State College, Pa., President;  
H. F. Hall, Boston, Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville, Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston, Mass., 1911.

SAN FRANCISCO, CALIF.—The Imperial valley is reported as producing more cantaloupes than can be marketed at remunerative prices and that growers are restricting their pack to five cases per acre.

### Quality Counts.

There is scarcely a business which presents such extremes as market gardening. This is especially noticeable this year. We are selling Telephone peas at \$3.50 wholesale per bushel, when a year ago during the same week we received only 35 cents; the same is true of other crops. Cabbage is now selling at 90 cents per dozen when a year ago it sold slowly at 90 cents per barrel. Such conditions are profitable to the one who has either been lucky or plucky enough to have a good crop to move. We are now selling the finest leaf lettuce it has ever been our pleasure to cut, produced by a special process. It resembles the finest mid-winter greenhouse product, and if anything it is more tender and palatable. There is a general opinion that the demand for lettuce drops out after Memorial day by which we mean to say that the demand is killed by putting bitter and tough stock on the market. Following this theory we prepared a set of cheesecloth frames to shade our lettuce patches and this is our first experience with this scheme—we are selling outdoor lettuce at greenhouse prices, 10 cents per pound wholesale in mid-summer. This demonstrates that of all things a gardener can do, the worst is to send poor goods to market, as it very quickly destroys any demand and strikes back at the producer. We could give many examples, but the above and a few more are sufficient to illustrate the point.

Several years ago the turnip crops in this section were caught by an unusual severe cold wave late in October when most of the turnips were half frozen in the ground. Most crops were heavy and these were afterwards harvested, pitted and marketed with the result that the sale of turnips came to a dead standstill and hundreds of bushels were left unsold in the spring. Last year the opposite conditions prevailed—the quality was so fine that the market price advanced to one dollar per bushel and the entire available supply was used up by the new year. The musk melon or cantaloupe crop is another case. If on account of favorable weather the crop comes in well ripened and sweet the demand is ahead of supply, but when blight overtakes the crop and smooth tasteless melons are sold the result is a total demoralization to such an extent that the buying public will not even investigate the quality offered, but cut out melons altogether. The fact is a producer has no more right to offer for sale blighted melons or tomatoes than diseased chickens or hogs. All such goods should be withheld from the markets.

MARKETMAN.

### Salem, Mass.

Leonard G. Ward, son of George E. Ward of Beverly, died at his home, No. 6 Pleasant street, July 4 from heat prostration. For several years he was in partnership with his brother, Harry E. Ward, at the North street greenhouses. For the last few years he has been employed by Southworth Bros. of Beverly. He was a most capable young man and very popular. He was 32 years of age and leaves a wife and two small children.

William McCue, gardener of Greenlawn Cemetery, in spite of the dry season has the grounds in splendid condition. They never before were more beautiful.

J. E. Hamilton is building a new house 20x75 feet for bedding stock. A new boiler house will also be erected this season.

The King Street Greenhouses are adding a new office to their attractive looking place.

J. R. H.

### Los Angeles, Calif.

In the Boston notes on page 1153, issue of June 24, "Mac" speaks of Araucaria Bidwillii, having seen it as a pot plant. He would probably be still more struck with this fine species could he see it out here in Southern California where it grows into large trees. It is a most distinct and striking plant, coming midway between the well known Norfolk Island pine (A. excelsa) and the monkey puzzle, A. imbricata and there are few finer trees for a large lawn where there is ample room for its full development. It has none of the straggling appearance of A. imbricata while owing to the growth being more undulating or wavy the whorls of branches are not so distinct and set looking as those of A. excelsa. Its beautiful deep green coloring makes a fine specimen in perfect health, a truly magnificent sight.

J. B. Menaseo, of the Eagle Rock Rose Co., has purchased five acres of land near Covina and intends moving there as soon as possible. The Eagle Rock property is becoming too valuable for horticultural purposes. He will grow roses and chrysanthemums exclusively. Menaseo surely deserves credit for the fine stock of Ulrich Brunner, Mrs. J. Laing and other roses he grows, also the superb chrysanthemums sent to the market here for four or five months in fall and winter. Everybody will wish him the

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Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball. \$1.00 per 1000; 10,000 and over 85c per 1000.

Beet, Crosby, Egyptian and Eclipse. \$1.25 per 1000. Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

Mention the American Florist when writing

best of luck and success in the new place.

A sight to be long remembered was the long queue of sweet girl graduates stretching nearly a city block waiting their turn to get into the store of The Florist at 328 West Fifth street for their bouquets recently. Hundreds were passed out and the bells on the cash registers kept up a merry peal, Herbert Wolfskill and Frank Lichtenberg keeping on the jump right along.

F. H. Wilhelm, late of 1439 Ashland avenue, Chicago, and previously foreman at the Wellworth greenhouses at Downer's Grove, Ill., is located here at the New Broadway hotel. Frank is a delighted with the climate here and if he can strike something suitable will, he says, locate here permanently.

J. Dietrich is equipping the whole of his lath houses, several acres in extent, with the Skinner watering system. This system is becoming increasingly popular in this section.

Sam Lundy spends a good deal of time in the city drumming up business for the A. L. Randall Co., of Chicago.

H. R. R.

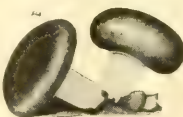


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|                                                  | Each   |
|--------------------------------------------------|--------|
| 3 plants, 8-in. pot, 42 in. high.....            | \$3.00 |
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## Kentia Belmoreana

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|------------------------------------------|--------|---------|
| 7 in. cedar tubs, 34 to 36 in. high..... | \$2.50 | \$30.00 |
| 7 in. " " 40 in. high.....               | 3.01   | 36.00   |
| 9 in. " " 42 in. " ".....                | 4.00   | 48.00   |
| 6 in. pots, 22 to 24 in. " ".....        | 1.00   | 12.00   |
| 6 in. " " 24 to 26 in. " ".....          | 1.25   | 15.00   |
| 6 in. " " 26 to 28 in. " ".....          | 1.50   | 18.00   |

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|                                   | 3½-inch   | Per 1000 |
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| White Killarney .....             |           | \$120.00 |
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| My Maryland, Grafted, 2½-in. .... |           | 80.00    |
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| Stevia, 2½-in. ....               | per 100.  | 2.50     |
| Sprengeri, 3½-in. ....            | per 1000. | 45.00    |

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Pot plants at \$1.50 per 100.

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|                                                   |         |          |
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| The money maker for summer, fall and spring. .... | Per 100 | 1000     |
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Strong plants from 3 inch pots, for growing on.

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Place your order for Poinsettias NOW to insure early delivery. We will have strong 2½ inch pot plants ready in July, \$6.00 per 100; \$50.00 per 1000.

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| Bostons .....      | \$5.00 | \$10.00 | \$15.00 | \$25.00 | \$30.00 | \$60.00 | \$100.00 |
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held at Boston, Mass. 1912.

### Lilacs at the Arnold Arboretum.

The bulletin issued by the Arnold Arboretum June 14 says of the later lilacs and philadelphus:

The flowers of *Syringa villosa* are just falling. This inhabitant of northern China is in cultivation here a large and shapely shrub with good foliage and pale pink or nearly white flowers in large, compact, erect clusters which are produced in great profusion. The odor of the flowers is disagreeable. The Hungarian Lilac, *Syringa Josikaea*, is still in flower. This is a tall shrub with loose, unattractive habit, small leaves, and long, slender, open clusters of small purple flowers. This is perhaps the least attractive of all the lilacs. The crossing, however, of these two species has given rise to a race of lilacs which prolongs the season of flowering of the true lilacs for nearly two weeks. This new race is called *Syringa Henryi* in honor of L. Henry, at one time gardener at the Jardin des Plantes in Paris, who made these hybrids. The best known of them is *Lutece*, so-called because it originated in Paris. This is a compact, fast-growing, large shrub with foliage resembling that of *Syringa villosa* and large clusters of rose-purple flowers, and is one of the handsome and desirable shrubs of recent introduction.

There is a group of lilacs which bloom even later than this hybrid. They are not true lilacs, however, belonging to the section *Ligustrina* of the genus which differs from the true lilacs in

the short tube of the corolla from which the stamens protrude. There are three species of this group, all natives of northeastern Asia. They are shrubs or sometimes trees, and they all produce white, bad-smelling flowers in large clusters. They are just coming into bloom in the lilac group on the left-hand side of the Bussey Hill road. The first to flower, *Syringa amurensis*, is a native of eastern Siberia, as its name indicates. It is a small tree, with flat, spreading or slightly drooping clusters of white flowers. The second species to flower, *Syringa Pekinensis*, a native of northern China, is a shrub rather than a tree, although it sometimes reaches the height of thirty feet, with numerous stout stems more or less pendant at the ends and covered with bark peeling off in thin layers like that of some birch tree. The long, narrow leaves hang gracefully and the half-drooping flower-clusters, which are flat and unsymmetrical, are smaller than those of the other species but are produced in great quantities. *Syringa Japonica*, a native of the forests of northern Japan, is the last of the three lilacs to flower and is really a tree often thirty or forty feet high, with a tall, stout trunk covered with lustrous bark like that of a cherry tree, and a round-topped head. The leaves are large, thick and dark green, and the flowers are produced in large, erect, symmetrical clusters. Like the other species of this group, *Syringa Japonica* loses its leaves early in the autumn without change of color. *Syringa amurensis* and *Syringa Pekinensis* have not become common in gardens, but *Syringa Japonica* has been quite generally planted in those of the eastern states. It is of interest that this remarkable tree was first sent to America and thence to Europe by a citizen of Massachusetts, the late William S. Clark, the first President of the Massachusetts Agricultural College and later the first

President of the Agricultural College at Sapporo in Japan. In December, 1876, a small collection of seeds gathered in the neighborhood of Sapporo were received at the Arboretum from Colonel Clark and among them were seeds of this lilac. The seedlings

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### MIGNONETTE

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower. The plants grow from two to three feet high, and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Trade pkt. (about 1,000 seeds), 50c; per oz., \$7.00; ¼ oz., \$1.00.

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This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone.

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100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

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Pure White (Mont Blanc); Dark Crimson, Rosa von Marienthal, "Daybreak"; pink; Dark Rose, White with Crimson Eye. Per 100 seeds, 75c; 1,000 seeds, \$5.00; 250 seeds of a color at the 1,000 rate. Giant-Flowered Cyclamen, extra choice mixed. Per 100 seeds, \$0.50, 250 seeds, \$1.15, 1,000 seeds, \$4.00, 5,000 seeds, \$20.00. This mixture is made up from the above separate colors.  
New Salmon (Glorio of Wandbek). Per 100 seeds, \$1.35; 250 seeds, \$2.85; 1,000 seeds, \$10.50.

#### Giant Orchid-Flowered Cyclamen

These are exceptionally fine, with large flowers that are frilled and fringed in wonderful fashion.

Pure White, Red, Pink, White with Carmine Eye, and Lilac Color.

Each, per 100 seeds, \$1.00; per 1,000 seeds, \$8.00.  
Giant Orchid-Flowered Cyclamen, in choicest mixture: 25 seeds, \$0.25; 100 seeds, 85c; 1,000 seeds, \$7.00.

#### English Grown Giant Cyclamen

Price, 100 Seeds, \$1.00; 1,000 Seeds, \$8.00.

Princess May, Pale pink.

\*Princess of Wales. Giganteum variety. Pink.

Mauve Queen. Giganteum variety. Mauve.

\*Duke of Connaught. Giganteum variety. Purplish crimson.

\*Duke of Eito. Giganteum variety. Dark rose.

Salmon Queen. New extra choice color.

Rosy Morn. Giganteum variety. Delicate rose color, Claret base.

Picturatum. Light rose tinted, with claret base.

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Excelior. White, with red base. Extra large flowers.

#### SMILAX

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raised from this seed and their descendants are the native plants now cultivated in the United States and Europe. One of the original seedlings can be seen in the apple group on the right-hand side of the Forest Hills road, the site of the first Arboretum Nursery in which this Lilac was planted. The United States and Europe owe to Colonel Clark the introduction of some other good plants.

The Mock Oranges (Philadelphus) are fast coming into bloom, and several of them will be in flower during the present week. They can be found in the shrub collection and in the large supplementary collection on the right-hand side of Bussey Hill road opposite the lilacs. Those which deserve particular attention now are

Philadelphus inodorus, a native of the southern Appalachian region, with large solitary pure white flowers, and, although still little known one of the most distinct and beautiful of the genus; Philadelphus Falconeri of unknown origin, but probably a native of China and Japan, as it was sent to the Arboretum many years ago from the Parsons Nursery on Long Island where many eastern Asiatic plants were first cultivated in this country; Philadelphus maximus, a hybrid between two American species and the largest of all the mock oranges. In old gardens near Boston this plant has sometimes grown to the height of thirty feet. Philadelphus Lemoinei is also in flower. This is the result of a cross between the common mock

orange of gardens, the European Philadelphus coronarius, and the small-flowered and small-leaved Philadelphus microphyllus of the Rocky Mountains of Colorado. This cross was made by Lemoinei of Nancy, the most successful of hybridizers, who had received the Colorado plant from the Arboretum, and it was the beginning of a race of dwarf garden shrubs produced by Lemoinei which have few equals in beauty. Philadelphus microphyllus itself will not expand its fragrant flowers for several days, but many of its progeny are now beginning to flower. Some of the most interesting of these are the varieties known as Avalanche, Boule d'Argent, Bouquet Blanc, Candlabre, Conquete, Fantasia, Gerbe de Neige, Manteau d'Hermine, Mont Blanc, Nuee Blanche, Pavillon Blanc, and several others.



## THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25  
AMERICAN FLORIST CO.  
440 So. Dearborn St.  
CHICAGO.

### Washington.

#### HOT WEATHER AND DULL BUSINESS.

The retail florists are going through the form of doing business, that is, they open their stores in the mornings, arrange their windows, water the plants, and do their best to look pleasant; this last being sometimes the hardest task of all. Funeral work is all that is in sight, and when that is divided up there is no great amount for any single store. The weather of the last week was an aggravating imitation of that of the previous one, the only difference being that it was a little worse. The regularity with which the thermometer runs from 95 to 104° in the daytime is getting monotonous. On July 6 the temperature was 90 at 8 p. m. The forenoon of July 7 was intensely hot but a promised cool wave materialized in the afternoon. A part of the city received a heavy shower, in other sections there was not enough rain to wet down the pavement. The drought is causing the growers anxiety. All outdoor stock is practically at a standstill—some of it still in death. A little phlox and gaillardia is about all worthy of mention that is fit to sell. There are a few sweet peas but they are burning up fast. This with an indifferent stock of roses and a few old carnations comprises the stock in trade. Fortunately good orchids can be procured when they are needed.

#### CLUB MEETING.

The Florists' Club held its monthly meeting, on the night of July 6, about fifty being present, at the Gude Bros. store. E. S. Schmidt, a member of the club, gave a crab feast, possibly crab-fest is a better word. Mr. Schmidt keeps a store where, excepting elephants, lions, whales and the sea serpent, most anything that flies, walks, creeps or swims can be bought. He is very humane with all his charges but by careful study has discovered that crabs positively enjoy being cooked and eaten, hence the feast. J. S. Warmbuth, who went north with Peary on one of his trips, spoke on the flora of the far north. Richard Vincent, Jr., I. N. Moss, Robert L. Graham and

## BOBBINK & ATKINS

World's Choicest Florist and Nursery Products.

We are growing in our greenhouses and in our 250 acre nursery a large variety of material constantly in demand by florists. Our Illustrated General catalogue describes all the stock we grow. We shall gladly mail it to any florist upon application.

### B. & A. SPECIALTIES:

Palms, Bay Trees, Boxwood and Hardy Herbaceous Plants, Evergreens, Roses, Rhododendrons, Vines and Climbers, Autumn Bulbs and Roots, Conifers, Pines

Florists are always welcome visitors to our nurseries. WE are only a few minutes from New York City; Carlton Hill station is the second stop on Main Line of Erie Railroad.

Nurserymen and Florists.

RUTHERFORD, N. J.

## ROSES! ROSES! ROSES! Special Own Root Stock.

Richmond, American Beauty,

2½-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

Bride, Bridesmaid, Perle, Sunrise, Chatenay,

2½-inch pots, \$5.00 per 100; 3-inch pots, \$7.00 per 100.

Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2½-inch pots.

Send for circular.

J. L. DILLON, Bloomsburg, Pa.

## Asparagus

|                                     |             |
|-------------------------------------|-------------|
| Ready July 15.                      | Per 100     |
| Plumous Seedlings, per 1000, \$9.00 | .....\$1 00 |
| Sorengert Seedlings, per 1000, 7.00 | .....1 00   |
| Plumous, 2½-in. pots                | .....2 00   |
| Asparagus Sprenger, 2½ in. pots     | .....2 00   |
| .....per 1000, \$17.50              | .....2 00   |

Pussy Seed, Giant-flowering.....oz., \$4.00.

Cash,  
Please.

JOS. H. CUNNINGHAM, Delaware, O.

Edwin A. Seidewitz of the Baltimore Club were present and as a matter of course they are all enthusiastic boomers for a great convention in Baltimore in August. Among the other speakers were W. R. Smith and W. F. Gude, the latter acting as toastmaster. The club outing occurs July 12 at Huntsville, Md., and an enjoyable day is expected.

#### NOTES.

The Misses Ponnet of Alexandria, Va., well and favorably known in connection with the retail trade of this city, have exchanged the florist business for the blissful estate of matrimony. Miss Virginia Ponnet was married on July 12 to E. J. Schroth, a business man of this city, where they will make their home. Miss Lucy Ponnet will be married July 26 to J. L. Power, a business man of Alexandria. Both these young ladies are daughters of Constant Ponnet, an old and well known grower of Alexandria. For the past few years they have successfully managed their father's retail business in Washington and made many friends by their genial deportment and attention to business. In this new and important venture many good wishes will follow them.

News has reached this city of the marriage in Baltimore July 7, of John B. Nugent, Jr. of New York, to Miss Gabney D'Orsell, a leading singer in the Aborn Opera Company. Mr. Nugent is well known in the trade, having two retail stores in New York. He is now president of the New York Florists' Club. He has always been a

## Primroses

Ready July 15.

|                                              |           |
|----------------------------------------------|-----------|
| Chinese Obsc., Alba, Rosea and Ferbest.      | Per 100   |
| Obconica Gigantea and Sanguinea, 2½ in. pots | .....3 00 |

## POINSETTIAS

(TRUE TYPE)

JULY AND AUGUST DELIVERY

We will have a fine lot ready early in July. Strong 2 1-2 in. pot plants.

Price, \$5.50 per 100;  
\$50.00 per 1000.

A. HENDERSON & CO. 162 N. Wabash Ave.  
CHICAGO.

hard and faithful worker in that organization, particularly along the lines of securing talent for entertainments. His gifted wife has a national reputation as a singer. This is Mr. Nugent's second marriage. He is about fifty years old, his bride is thirty.

The bowling scores for July 5 were as follows:

|          |          |     |     |     |     |
|----------|----------|-----|-----|-----|-----|
| Shaffer  | .....155 | 186 | 157 | 211 | 205 |
| Cooke    | .....152 | 164 | 152 |     |     |
| Elker    | .....158 | 178 | 174 | 198 | 195 |
| Simmonds | .....144 | 137 | 148 | 217 | 176 |
| Ernest   | .....164 | 182 | 175 |     |     |
| Berry    | .....136 | 150 | 162 |     |     |
| Dalglish | .....136 | 137 | 176 | 153 | 185 |

A. F. F.

LENOX, MASS.—The Lenox Horticultural Society will hold an exhibition of annuals and perennials in the Town Hall Thursday, August 10, and the Grand Fall exhibition will be held Wednesday and Thursday, October 25-26.

# CHRYSANTHEMUMS

|                | R. C. per 100 | 2 1/2-in. per 1000 | 3-in. per 1000 | 4-in. per 1000 |
|----------------|---------------|--------------------|----------------|----------------|
| Earliest White | \$2.00        | WHITE              |                | \$30.00        |
| October Glow   | \$2.00        | WHITE              |                | \$30.00        |
| Golden Frost   | 3.00          | 25.00              | 4.00           | 30.00          |
| Halliday       | 2.50          | 20.00              | 3.00           | 25.00          |
| McNiece        | 2.50          | 20.00              | 3.00           | 25.00          |
| Intensity      | 2.50          | 20.00              | 3.00           | 25.00          |

## POMPONS

|                                                                                                                                                                                              |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| YELLOW                                                                                                                                                                                       | 2 1/2-in. per 100 |
| Baby                                                                                                                                                                                         | WHITE             |
| Baby Margaret                                                                                                                                                                                | 3.50              |
| Quinola                                                                                                                                                                                      | 4.00              |
| Garza, Lulu, Lady Lee, Mrs. Beu, Baby Yellow, Mrs. E. T. Wilder, Diana, Mrs. Ida Kroeschell, Ch. Italia Scull, Gertrude Wilson, Grace Burke, Feston, Nagoya, Dolly Dimpie, 2 1/2-in.; all at | 3.50              |

## POEHLMANN BROS. CO.

Morton Grove, Ill.

Mention the American Florist when writing.

|                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|
| Clematis Paniculata, strong, from 4 in. pots, \$10.00 per 100; 3 in. pots, \$5.00 per 100.                                          |
| Asparagus Sprengeri, 2 in. pots, 2c; 2 1/2 in. pots, \$3.00 per 100; 3 in. pots, \$4.00 per 100.                                    |
| Salvia, Benfire, Ampelopsis Veltchli, English Ivy, Stevia, tail and variegated, Passion Vine, from 3 in. pots, \$4.00 per 100.      |
| Chrysanthemums, from 2 1/2 in. pots, \$2.50 per 100. Ivory, Golden Glow, White Cleod, Pacific Supreme, Niveus, Bailey, Cath. Leach. |

## C. EISELE

11th & Westmoreland Sts., Philadelphia, Pa.

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## PALMS, FERNS

AND

### Decorative Plants

JOHN SCOTT, Westland Rd. & E. 45th St.  
BROOKLYN, N.Y.

## SPECIALTIES.

Roses, from 3-in. pots. Chrysanthemums  
Carnations for fall delivery. Smilax, Violets  
IN BEST VARIETIES.  
Prices low. Send for list.

Wood Brothers, FISHKILL, New York.

## Boston Ferns...

2 1/2-in. \$30.00 per 1000

WHITMAN FERNS

2 1/2-in., \$5.00 per 100; \$40.00 per 1000.  
260 at 1000 rate.  
Magnolia, 2 1/2-inch 15c each.

HENRY H. BARROWS & SON, Whitman, Mass.

## Nephrolepis Giatrasii

2 1/2-in. \$8.00 per 100; \$75 per 1000

4-in. \$25.00 per 100.

## GEORGE GIATRAS

West Hoboken, N. J.

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## Araucaria Excelsa, Robusta and Compacta

You will never be sorry. It will pay you well. Do it now, and lay in a stock of Araucarias. Every day is valuable to you, because they grow into money for you.

### Araucaria Excelsa Our Specialty.

**Warning—Don't be deceived.** Now, as well as for the last twenty-five years, we hold the ground as leaders in importing, growing and shipping of our specialty, the Araucarias.

Araucaria Excelsa, Robusta compacta, Glauca, and Palms, etc. Florists, you all know we are leaders for the last 25 years in importing, growing and shipping of this so well known evergreen decorative plant, the Araucaria, more in favor than ever, from Atlantic and Pacific Ocean to every part of our Araucarias is interesting, therefore no argument is needed for our goods. We know what our customers need, therefore we have provided and set aside special specimen plants. Spring 1910 importation, lawns, porches, verandas, bungalows, private summer residences, the hotels and boarding houses on the seashore and elsewhere this plant is one of the most desirable evergreen decorative plants adopted for this above mentioned purposes.

Araucaria Excelsa, raised from top cuttings, 6-7 inch pots, 4 to 5 years old, 5, 6 and 7 tiers, 25, 28, 30, 35, 40 in. in height, \$1.00 \$1.25 \$1.50 \$2.00 to \$2.50 each  
Araucaria Excelsa Glauca and Robusta compacta, 6-7 in. pots, fine bushy plants, \$1.25 \$1.50 \$2.00 each  
Araucaria Excelsa, new importation, out of 5 3/4 and 6 in. pots, 2 to 3 years old, 3 and 4 tiers, 10, 12, 14, 16, 18, and 20 inches high, 40c 50c 75c and \$1.00 each  
Robusta Compacta Excelsa Glauca, 5 1/2 and 6 in. pots, \$1.00 to \$1.25 each

Per 100  
Begonia Vernon and Erfordil, 4 in. pots, \$7.00  
3 in. pots, \$5.00  
English Ivy, 3 in., big as the 4 in., 3 in. a pot, 10.00  
2 1/2 in. pots, 5.00  
Lemon Verbena, 4 in., 5.00  
Ageratum, dwarf, best blue, 4 in., 6.00  
Fuchsias, assorted colors, 4 in., 6.00  
Fuchsias, 3 1/2 in., 10.00  
Double Petunias, assorted, 4 in., 6.00  
Geraniums, Alphonse Ricard, 4 in., 7.00  
Cobea Scandens, 3 in. pots, 4.00

Kentia Belmoreana, 4 year old, 30 to 35 inches high, \$1.50  
Kentia Forsteriana, 4 year old, 30 to 35 inches high, \$1.50  
Kentia Forsteriana, 4 year old, 24 to 26 inches high, 75c to \$1.00  
Kentia Belmoreana, 4 year old, combination or made up of 3 plants, 26 to 28 inches high, \$1.00, \$1.25 and \$1.50  
Kentia Belmoreana, combination or made up of 3 plants, 3 year old 24 to 26 inches high, 75c to \$1.00  
Kentia Belmoreana, 4 year old, 26 to 28 inches high, \$1.00 to \$1.25  
Kentia Belmoreana, 4 in., 25c, 30c to 35c  
Cycas Weddelliana Palms, made up of 3 plants, 4 to 5 in. pots, 3c, 40c and 50c; 3 in., 15c; large 2 1/2 in., \$15.00 per 100  
Cycas Revoluta or Sago Palm, the genuine large-leaved variety, imported direct from Japan, 6-7 in. pots, 5 to 15 leaves to a plant, 12c per leaf.  
Asparagus Fumosus Nanus, 2 in., \$3.00 per 100; \$25.00 per 1000  
Asparagus Sprengeri, 4 in., 10c; 2 1/2 in., strong, \$5.00 per 100  
Cosmos, 3 plants in a 2 1/2 in. pot, \$3.00 per 100  
Solano or Jerusalem Cherries, 2 1/2 in., \$3.00 per 100.

### Ferns.

Scholz, 4 in., 20c.  
Large 3 inch Boston, Whitman, Scottii 15c to 20c.

### In Small Plants

we have the following in 2 1/2-in. pots, at \$2.50 per 100:

Coleus, Verschaffelti, Golden Bedder, Queen Victoria (fancy colors 4c).  
Acalypha, 2 in., \$3.00 per 100.  
Asters, assorted, 2 1/2 in., \$3.00 per 100.

Don't forget that we are the growers and shippers of Ipomoea Noctiflora, the pure white Moonvine, 2 in. pots, \$5.00 per 100; 3 in., \$8.00 per 100; 4 in. pots, 10c each.

25 at 100 rates. Cash with order, please.

All plants must travel at purchaser's risk.

## GODFREY ASCHMANN

Wholesale Grower and Importer of Potted Plants,

1012 W. Ontario St., PHILADELPHIA, PA.

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AND

## Aster Seeds

Elmer D. Smith & Co., ADRIAN, MICH.

## ROSES

A SPECIALTY.

The Dingee & Conard Co.,

WEST GROVE, PA.

## Ferns for Dishes

Per 100 Per 1000  
2 1/2-in. \$3.50 \$30.00  
50 at 1000 rates. Cash with order  
Asparagus Plumosus, 2 1/2 inch \$3.50 per 100; \$30.00 per 1000.

FRANK OECHSLIN,  
4911 Quincey St., CHICAGO

Always mention The American Florist when you order stock.

## A FEW GOOD THINGS YOU WANT.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C., \$1.25; 2 in. pots, \$2.00; 3 in., \$4.00 per 100; Vaud, Castellane, Pointevine, Jaulin, Ricard, Buchner, R. C., \$1.50; 2 in. pots, \$2.50 3 in., \$5.00 per 100.

Boston Ferns, 5 in 25c each.  
Dracena Ind., 3 in., \$5.00; 4 in., \$10.00; 5 in., \$25.00 per 100.

Asparagus Sprengeri, 2 in., \$2.50 per 100.

Asparagus Plumosus, 2 in., \$3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

## GERANIUMS...

Fine, Strong plants, out of 2 1/2-in., \$1.50 per 100; \$12.50 per 1000.

Verbenas, Phlox, Alyssum, in bloom; Dusty Miller, Fuchsias, Asparagus Sprengeri, Smilax, out of 2 in., \$2.00 per 100; \$20 for \$5.00

Cabbage Plants, Lettuce, all kinds, \$1.00 per 1000; \$7.50 for 10,000.

Tomato and Sweet Potatoes, best varieties.

\$1.50 per 1000.

Caullflower, Early Snowball, Peppers, \$2.00 per 1000.

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## VENTILATING MACHINERY

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## The Standard Steam Trap

Ask someone who is using a Standard for his opinion of it.

Write for catalogue.

E. HIPPARD CO., Youngstown, Ohio

## Trade Directory

OF THE

United States and Canada.

Price \$3.00 Postpaid.

American Florist Co.,

440 S. Dearborn St., CHICAGO

## Greenhouse Heating

is a Perplexing Question to all Florists

Except Those Using

## Morehead Steam Traps

1 The installation of a Morehead Return Steam Trap in a greenhouse is absolute evidence of progressiveness on the part of the florist,  
 1 It is further evidence of good management, for the 'Morehead' is an investment in both satisfaction and economy.

1 The majority of florists are using Morehead Traps. If you are one of the exception it will be to your interest to write us—we will make you a liberal trial offer proposition.

1 By way of getting acquainted, just send your name and address and ask for 'Trap Book.'



MOREHEAD MFG. CO.

Department "N"

Detroit, Mich.

## What the Users say

## Kroeschell Boiler---Half the Coal and Half the Work

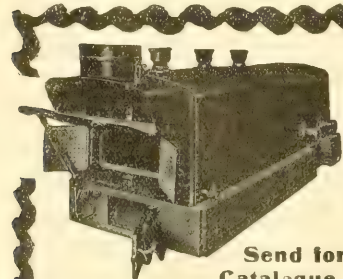
Your No. 13 Boiler is carrying 25,000 sq. ft. of glass, and I can keep it at 60° in the coldest weather without any trouble. I have three other types of boilers also, heating a range of 25,000 sq. ft. of glass, but the No. 13 Kroeschell Boiler only takes half the coal and half the work to get the same results.

J. G. FRISZ, Vincennes, Ind.

P. S.—Mr. J. G. Frisz, of Vincennes, Ind., has the largest range of glass in Indiana devoted to vegetable forcing.

Send for Catalogue.

KROESCHELL BROS. CO., 452 W. Erie St., Chicago, Ill.



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Alternantheras, 2-in., \$2 per 100; 3-in., \$3. B. Vincent, Jr. & Sons Co., White Marsh, Md.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

## AMPELOPSIS.

AMPELOPSIS ENGELMANNI, 4-in., \$2 per doz.; extra strong plants at \$3 per doz. AMPELOPSIS VEITCHII, 4-in., \$2 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ampelopsis Veitchii, 4-in., pot-grown, 30c each; \$3 per doz.; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

## ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. C. Aschmann, 1012 W. Ontario St., Philadelphia.

## ASPARAGUS.

ASPARAGUS SPRENGERI, 2-in., \$2.50 per 100; 3-in., \$1 per doz.; \$8 per 100; 4-in., \$1.50 per 100; \$10 per 100; \$80 per 1,000 (500 at 1,000 rate), THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus, seedlings, \$1 per 100; \$9 per 1,000; 2½-in., \$2 per 100. Sprenger, seedlings, \$1 per 100; \$7 per 1,000; 2½-in., \$2 per 100; \$17.50 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, 2-in., 2c; 2½-in., \$3 per 100; 3-in., \$4 per 100. C. Eisele, 11th and Westmorland Sts., Philadelphia.

Asparagus Hatcheri, 2½-in., \$15 per 100. Sprenger, 4-in., \$10 per 100; 3-in., \$6 per 100; \$50 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Potbound 3-in. Sprenger, can be shifted into 5-in., \$6 per 100. C. C. Polliworth Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS, 2-in., \$3 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus plumosus, 2½-in., \$3.50 per 100; \$30 per 1,000. Frank Oechslein, 4911 Quincy St., Chicago.

Asparagus, 3-in., 3½c. J. H. Dann & Son, Westfield, N. Y.

Asparagus Sprengeri, 2½-in., 2c. Mosbach Greenhouse Co., Onarga, Ill.

ASPARAGUS SCANDENS, DEPLEXUS, 4-in., \$1.50 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Asparagus Sprengeri, pot plants, \$1.50 per 100. A. M. Kerr, Lancaster, Pa.

Asparagus Sprengeri, 2½-in., \$2.50 per 100. Peter Reubner, 30 E. Randolph St., Chicago.

Asparagus plumosus nanus, 2-in., strong, 2½c. J. L. Schuller, Toledo, Ohio.

Asparagus Sprengeri, extra strong, 3½-in., \$6 per 100; \$50 per 1,000. Cash please. Harry Helml, West Toledo, Ohio.

Asparagus plumosus nanus, seedlings ready now at \$1 per 100; \$10 per 1,000; \$45 per 5,000. Cash with order, please. Floral Hill Gardens, G. F. Neipp, Prop., Chatham, N. J.

Asparagus plumosus, 2-in., \$3 per 100; \$25 per 1,000. J. A. Budlong, 82 E. Randolph St., Chicago.

Asparagus plumosus, 2½-in., 3c. Mosbach Greenhouse Co., Onarga, Ill.

Asparagus seedlings, Plumosus, 90c per 100; \$7.50 per 1,000. Sprenger, 60c per 100; \$5 per 1,000. Reaser Plant Co., Springfield, O.

Asparagus Sprengeri, 2-in., \$1.50 per 100. Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus nanus, seedlings, \$1.50 per 100; \$12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 3½-in., \$45 per 1,000. Pochmann Bros. Co., Morton Grove, Ill.

Asparagus Sprengeri, 100 out of 4-in. pots, very strong. See, Edgar Eastwood, Nokomis, Ill.

Asparagus plumosus and Sprengeri plants, W. H. Elliott, Brighton, Mass.

## ASPIDISTRAS.

ASPIDISTRAS, 6-in., green, \$1 each. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

## BAY TREES.

Bay trees and box trees all sizes. Write for special list. Julius Roehrs Co., Rutherford, N. J.

Bay trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bay trees (standards) fine assortment; sizes 12 to 48-inch crowns. Prices, \$2.50 to \$25 each. Let us know your wants. Wagner Park Conservatories, Sidney, O.

Bay trees. Bobbink & Atkins, Rutherford, N. J.

## BEDDING STOCK.

Begonias Vernon and Erfordt, 4-in., \$7 per 100; 3-in., \$5. English Ivy, 3-in., \$10 per 100; 2½-in., \$5. Lemon Verbena, 4-in., \$6. Ageratum, 4-in., \$6. Fuchsias, 4-in., \$6. 5½-in., \$10. Double petunias, 4-in., \$8. Geraniums, 7c per 100. Cobaea scandens, 3-in., \$4. Coleus, Ver., G. Bedder, Queen Victoria, 4c. Acalytha, 2½-in., \$3 per 100. Ipomoea noctiflora, 2½-in., \$5 per 100; 3-in., \$8; 4-in., 10c each. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Bedding stock, geraniums, 2½-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, Fuchsias, Asparagus Sprengeri, smilax, 2½-in., \$2 per 100; 300 for \$5. J. C. Schmidt, Bristol Pa.

Salvia Bonfire, Asplenium Veitchii, English ivy, stevia, passion vine, 3-in., \$4 per 100. C. Eisele, 11th and Westmorland Sts., Philadelphia.

## BEGONIAS.

Begonias, Gloire de Lorraine, 2½-in., \$2 per doz.; \$15 per 100; \$140 per 1,000. Glory of Cincinnati, 2-in., \$3 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

Begonias. For varieties and prices see advertisement on front cover page. J. A. Peterson, Westwood, Cincinnati, O.

Begonia Coraline Lucerne, 3-in., \$3.50 per doz; \$25 per 100. The Good & Reese Co., Springfield, O.

Begonia Lorraine, 2½-in. pots, \$12 per 100; \$50 per 500. Immediate delivery, Julius Roehrs Co., Rutherford, N. J.

## BOXWOOD.

Boxwood, Bobbink & Atkins, Rutherford, N. J.

## BULBS.

Bulbs, begonias, single flowering, 40c per doz.; \$2.50 per 100; \$22 per 1,000; double flowering; 60c per doz; \$4 per 100; \$35 per 1,000; Gladioli, separate colors, 75c per doz; \$5 per 100; \$47.50 per 1,000. Fottler, Fiske, Rawson Co., Faneuil Hall Sq., Boston, Mass.

Lilium Harrisii. For sizes and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. All kinds. Jas. Vick's Sons, Rochester, N. Y.

Bulbs. Burnett Bros., 72 Cortland St., New York.

Bulbs, Lilium giganteum, case of 200, \$14. C. C. Polliworth Co., Milwaukee, Wis.

Bulbs. E. S. Miller, Wading River, N. Y.

## CANNAS.

CANNAS, 100 New York, 60 Alice Roosevelt, 250 Florence Vaughan, 200 J. Wilkinson Elliott, 200 Patry, 200 J. D. Cabos, 100 Louisiana, 100 Flamingo, 300 Alameda, 100 Alphonse Bouvier, 50 Pres. McKinley, 150 Egdandis, 200 Climpson Bedder, 50 Wm. Farmer, 50 Express, 100 P. Crozy, 200 Mme. Crozy, 50 David Harum, 300 Burbank, 100 S. D. A. Crozy, 100 Paul Marquant, 200 Mlle. Berat, 50 Partenope, 50 Ed. Boss. All fine stock from 3-in. pots, \$4 per 100; 1,000 per selection for \$20. Cash. JOSEPH BANCROFT & SON, Cedar Falls, Iowa.

Cannas, leading kinds, R. Vincent, Jr., & Sons Co., White Marsh, Md.

## CARNATIONS.

| 75.000 FINE-GROWN CARNATIONS. | Per 100 | Per 1,000 |
|-------------------------------|---------|-----------|
| White Eucharistress           | \$7.00  | \$65.00   |
| R. P. Eucharistress           | 6.00    | 50.00     |
| L. P. Eucharistress           | 6.00    | 60.00     |
| White Perfection              | 7.00    | 60.00     |
| Reason                        | 7.00    | 65.00     |
| O. P. Bassett                 | 7.00    | 60.00     |
| Winona                        | 8.00    | 60.00     |
| Robert Craig                  | 6.00    | 60.00     |
| P. L. Eucharistress           | 6.00    | 60.00     |
| Ruby                          | 6.00    | 60.00     |
| Mrs. C. W. Ward               | 8.00    | 75.00     |
| Alma Ward                     | 10.00   | 85.00     |
| Dorothy Gordon                | 8.00    | 75.00     |

Cash with order or C. O. D.  
CHAS. FEIFFER  
30 Grand Ave., Ft. Thomas, Ky.

Carnations, strong, well branched field plants. APPLE BLOSSOM (Grown and endorsed by Patten & Co., carnation specialists, Tewksbury, Mass.) PINK DELIGHT, DOROTHY GORDON, Wanoka Greenhouse, Barneveld, N. Y.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations, Wood Bros., Fishkill, N. Y.

Carnation Bright Spot, N. Zweifel, North Milwaukee, Wis.

Carnations, J. D. Thompson Carnation Co., Joliet, Ill.

Carnations, F. Dörner & Sons Co., La Fayette, Ind.

Carnations, leading varieties, Chas. H. Totty, Madison, N. J.

## CHRYSANTHEMUMS.

Chrysanthemums, 150 V. Pochmann, 2½-in., 3c, 150 Polly Rose, R. C. 1½c, 150 C. Pacific, R. C. 1½c, 200 R. Halliday, 2½-in., 2½c, 200 Monrovia, 2½-in., 2½c, 300 mixed of the above and others, \$15 for the lot, or will exchange for Primula obconica and Primula Chionensis or offer at same value. Thos. Fletcher, Wood St., Warren, O.

Chrysanthemums, strong 3-in., ready to bench. Rosiere, Maude Dean, Pacific Supreme, Maxey Weaver, Helen Frick, White Brick, Lynwood Hall, Veneta, Col. Appleton, Alice Byron, Golden Wedding and Gold Chadevick at \$3.50. Westmorland Stn., Philadelphia.

Chrysanthemums, 2½-in., \$2.50 per 100; Ivory, G. Glow, White Cloud, Pacific Supreme, Nivens, Bailey, C. Leard, C. Eisele, 11th and Westmorland Sts., Philadelphia.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Chrysanthemums, plants out of soil. Pink and White Ivory, \$2 per 100. Weitor Bros., 162 N. Wabash Ave., Chicago, Ill.

Mums, 3-in., 1½c. F. A. Haenselman, Boulder, Colo.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fiskville, N. Y.

### CINERARIAS.

Cinerarias, stellata, 3-in., 4c. Mosbæk Greenhouse Co., Omgara, Ill.

### CLEMATIS.

CLEMATIS DUCHESS OF EDINBURGH, 6-in., \$4 per doz. CLEMATIS JACKMANI, 6-in., \$4 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Clematis paniculata, 4-in., \$10 per 100; 3-in., \$5. C. Eisele, 11th and Westmorland Sts., Philadelphia.

### COLEUSES.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, Standard varieties, 2½-in., 1½c. Mosbæk Greenhouse Co., Omgara, Ill.

Coleus, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

### CROTONS.

CROTONS, 3-in., \$10 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

### CYCLAMENS.

Cyclamen, best giant commercial strain, 8 separate colors or mixed, 2-in., 4c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 6-in., \$25 per 100. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2½-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

### CYPERUS.

CYPEUS (umbrella plant), 3-in., 75c per doz.; \$6 per 100. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

### DAHLIAS.

Dahlia, Peacock Dahlia Farms, Williams-town Junction, N. J.

Dahlia, R. Vincent, Jr., & Sons Co., White Marsh, Md.

### DRACENAS.

DRACAENA MASSANGEANA, strong, 5-in., \$1.25 each. DRACAENA FRAGRANS, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz.; 5-in., \$5 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$15 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, 2½-in., 3c. Mosbæk Greenhouse Co., Omgara, Ill.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

### FERNS.

CIBODIUM SCHIEDEI, 7-in., \$2.50 each, fine plants. FERNS FOR DISHES, 2-in., nice plants, \$3 per 100; \$25 per 1,000. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Nephrolepis Glatrasii, 2½-in., \$8 per 100; \$75 per 1,000; 4-in., \$25 per 100. Geo. Glatras, 463 Summit Ave., West Hoboken, N. J.

BOSTONS, 8-in., \$1 each; \$10 per doz. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Ferns, Boston, Harrisii type; also Pteris ferns, 8-in., \$1 each. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

FERNS WANTED, 5,000 Boston, Piersoni, Elegantisima and Whitnani. Wm. Smith, 983 Fedora St., Los Angeles, Calif.

Ferns, mixed for dishes, 3-in., 85c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Boston, 3-in., \$5 per 100. Reeser Plant Co., Springfield, O.

Ferns, Whitnani, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechslin, 4911 Quincy St., Chicago.

Ferns, John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns, Bobbink & Atkins, Rutherford, N. J.

Adiantum Farleyense, 2½-in., \$15 per 100. J. A. Peterson, Westwood, Cincinnati, O.

### GERANIUMS.

Nice young stock from 2½-in. pots, Nutt, Grant (double), Poltevine, Buchner, \$2 per 100; \$17.50 per 1,000. Cash. The W. T. Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorita, R. C., \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castelle, Poltevine, Faulstich, Richard Buchner, R. C., \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, standard sorts, 3-in., \$3 per 100; 2-in., \$18.50 per 1,000. Novelties, one each of 50 sorts, \$5. Ivy geraniums, scented and variegated geraniums, R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, R. C. Nutt, Richard, Poltevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

### GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimmings, 4c and 8c per yard. J. Jansky, 19 Province St., Boston.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns, bronze and green galax. Geo. Cotsanos & Co., 60 W. 23rd St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Loretta, \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ala.

### HARDY PLANTS.

Herbaceous plants. Bobbink & Atkins, Rutherford, N. J.

### HELIOTROPES.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Heliotrope, 2-in., \$2 per 100; 3-in., \$3. B. Vincent, Jr., & Sons Co., White Marsh, Md.

### HYDRANGEAS.

Hydrangea Souvenir de Claire, the new hydrangea of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. Jackson & Perkins Co., Newark, N. Y.

Hydrangeas, in butter tubs, \$2 and \$3 each; in cedar tubs, with handles, 14-in., \$3 each; 16-in., \$4 and \$5 each. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Hydrangea Avanchica, 2½-in., pots, 50c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

### LILACS.

Lilacs, Jacs Smits, Ltd., Naarden, Holland.

### LILY OF THE VALLEY.

#### To Import.

Lily of the valley, Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley, Otto Mann, Leipzig, Saxony, Germany.

#### From Storage.

Lily of the valley, cold storage pipe, case of 1,000, \$13; case of 1,000, \$30. J. M. Thorburn & Co., 23 Barclay St., New York.

Lily of the valley, H. N. Bruns, 3038-42 W. Madison St., Chicago.

### MOSS.

Sheet log moss, \$1.25 per 2 bus. sack. Chas. H. Cramer, Uniontown, Pa.

### MUSHROOM SPAWN.

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spawm Co., Lockport, N. Y.

Mushroom Spawm Co., St. Paul, Minn.

### NURSERY STOCK.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vines and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, apple and peach trees. Mitchell's Nursery, Beverly, Ohio.

### ORCHIDS.

Orchids of all kinds, Lager & Hurrell, Summit, N. J.

### PANDANUS.

Pandanus Veitchii, \$1 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

### PALMS.

PALMS, Kentia Belmoreana and Forsteriana, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3.00 per doz.; 5-in., \$5 per doz.; Latania Borbonica, 3-in., 8c each; 1st per doz.; \$6 per 100; 4-in., \$3 per doz.; \$20 per 100. Phoenix Reubeni, 6-in., \$2.50 each. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

Palms, For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms, For varieties and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

CYCAS, 4-in., 25c to 35c each; 5-in., 35c to 50c each; 6-in., 75c to \$1 each; 7-in., \$1 to \$1.50 each. THE GEO. WITTOLD CO., Edgebrook, Chicago, Ill.

### PEONIES.

300,000 peony plants. Let me figure with you. Can make prices that will interest you. Gilbert H. Wild, Sarcoxie, Mo.

Peonies, all the leading varieties. The Good & Reese Co., Springfield, Ohio.

Peonies, all the leading varieties. Peterson Nursery, 30 N. La Salle St., Chicago.

Peonies, all vars. Jacs Smits, Naarden, Holland.

### POINSETTIAS.

Poinsettias, 2½-in., \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

Poinsettias, 2½-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, 2½-in., \$5 per 100; \$45 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

### PRIMULAS.

Primulas from 2-in. pots, frame grown, no better strains in existence. Chinnensis, the best giant fringed, 12 separate colors, or mixed, 2c. Obconica grandiflora, Ronsdorfer and Lattmann, unrivaled hybrids, 14 colors or mixed, 2½c. Obconica gigantea, 5 colors or mixed, 3c. J. L. Schiller, Toledo, O.

Primroses, Chinese, obconica, alba, rosea and Forbesii, \$2 per 100. Obconica gigantea and Sanguinea, 2½-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Primula obconica grandis rosa and mixed, 2½-in., 60c per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

### ROSES.

ROSES, 3,000 American Beauty roses, 2-in., nice stock, \$50 per 1,000. Per 100, 100. Per 1,000.

Mrs. Jardine, 2½-in., 3.00 25.00

Pink Killarney, 2½-in., 5.00 40.00

WIEFOT BROTHERS,

162 North Wabash Ave. Chicago.

Roses, strong clean stock, own roots, Brides and Bridesmaids, \$3 per 100. Kaiserin Augusta Victoria, Pink Killarney, and Richmond, \$8 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$12 per 100. P. R. Quinlan, Syracuse, N. Y.

Roses, For varieties and prices see advertisement elsewhere in this issue. Chas. H. Totty, Madison, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

Roses, strong, clean, own root stock from 2½ and 4-in., few hundred left. Killarney and White Killarney. White for prices. Castle Grove Greenhouses, J. J. Curran, Supt., Danville, Pa.

Roses, My Maryland, Pink Killarney, 2½-in., \$6 per 100. My Maryland, Pink Killarney, Mrs. Jardine, White Killarney, 2½-in., \$4 per 100. J. A. Bolling, 82 E. Randolph St., Chicago.

Roses, strong 3-in., ready to bench, White and Pink Killarney, Richmond and Pele, 36 per 100. C. C. Polliworth Co., Milwaukee, Wis. 1,000 extra fine American Beauty Rose Plants, 3-in., \$12 per 100; \$100 per 1,000. The Park Floral Co., Denver, Colo.

Roses, for varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

PINK KILLARNEY, fine plants, immediate shipment, 2½-in., \$4.50 per 100; \$40 per 1,000. WEILAND & RUSCH, 134 N. Wabash Ave., Chicago.

Roses, for varieties and prices see advertisement elsewhere in this issue. Peter Reinberg, 30 East Randolph St., Chicago.

Roses, for varieties and prices see advertisements elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, for varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomsburg, Pa.

LADY GAY or PINK BABY RAMBLER, strong, 7-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses on own roots, budded, bedding. H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

DOROTHY PERKINS, 4-in., \$2 per doz.; 5-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, Kaiserin, Rheba Red, Killarney, Bon Silene and Safrano, W. H. Elliott, Brighton, Mass.

Roses, for varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses, Leadle Floral Co., Springfield, O.

## SEEDS.

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars.; melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seed, onions, lettuce, sweet pea, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, etc. The Everett B. Clark Seed Co., Milford, Conn.; East Jordan Mich.; Sister Bay, Wis.

Seeds, Brown's Giant Pansy, ¼ oz., \$1; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$5; ¼ lb., \$14; ½ lb., \$25; 1 lb., \$50. Peter Brown, Lancaster, Pa.

Seeds, giant pansies and Chinese primroses. See advertisement elsewhere in this issue for prices. John F. Rupp, Shiremanstown, Pa.

Seeds, Vaughan's flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, pansy. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, 342 W. 14th St., New York.

Seeds, Roemer's Superb Pansy pansies. Fred. Roemer, Quedlinberg, Germany.

Seed, Asparagus plumosus nanus, \$1.75 per 1,000; 25,000 for doz. over, \$1.50 per 1,000. Drake Point Greenhouses, Yachala, Fla.

Seeds, cabbage, cauliflower, carrot, mangel, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

Seeds, pansy, \$4 per oz. Jos. H. Cunningham, Delaware, O.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lüneburg, Germany.

## Contract Growers.

Seeds, Cucumbers, cantaloupes, watermelon, squash and pumpkin, sugar flint and field seed corn. The J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, beets, cabbage, carrot, celery, lettuce, onion, parsley, radish, rutabaga, turnip, Delfaïde & Son, Carignan, Northern France; Chas. Johnson, Marietta, Pa., agent.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Dodge & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onions, sweet peas, aster, cosmos, mignonette, verbenas. Waldo Robert, Glroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, flint, garden and flower. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans, Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Growers for the wholesale trade only. Braslau Seed Growers' Co., San Jose, Calif.

## SMILAX.

Smilax, strong from 2-in. pots, 2c. J. L. Schell, Toledo, O.

Smilax, 300 strong 2½-in., 2c; or \$5.50 for the lot. Thomas Fletcher, Warren, O.

Smilax, 300 strong 2½-in., 2c or \$5.50 for the lot. Thos. Fletcher, Wood St., Warren, O.

Smilax, 2½-in., \$3 per 100; \$25 per 1,000. The Good & Reese Co., Springfield, O.

Smilax, pot plants, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax, Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snappdragons, white and pure pink, best seller of all snappdragons, 2½-in., \$2 per 100; \$18 per 1,000; 500 at 1,000 rate. Cash. Clement S. Levis, Adrian, Del. Co., Pa.

## STEVIA.

Stevia, 2½-in., \$2.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

## SPIREAS.

Spiraea, J. Smits, Ltd., Naarden, Holland.

## SWAINSONA,

Swainsona alba, strong, 2½-in., \$3; in bud and bloom, strong, 3-in., \$6. W. J. Olds, Union City, Pa.

## VEGETABLE PLANTS.

Vegetable plants: Cabbage, Wakefield. All best, Succession, etc., \$1 per 1,000; 10,000 and over, 85c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 85c per 1,000. Beets, Crouby, Egyptian and Eclipse, \$1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Vegetables: Tomato, Earliana, Stone, \$1 per 1,000. Pepper, Chinese Giant, \$1.50 per 1,000. Lettuce, Big Boston and Grand Rapids, \$1 per 1,000. Cabbage, Standard sorts, \$1 per 1,000. Celery, White Plume and Dwarf Golden Heart, \$1 per 1,000. Elmer Rawlings, Wholesale grower, Olean, N. Y.

Cabbage plants; lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

15,000 extra fine Yellow Jersey and Red Bermuda Sweet Potatoes, \$1.50 per 1,000. Mrs. Edward Hayden, Greenview, Ill.

## VERBENAS.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

## VINCAS.

Vinea Minor (myrtle), good for shady places, strong rooted runners, \$1 per 100; strong field roots, \$1 per doz.; prepared by express, \$3 per 100. Chas. Frost, Kenilworth, N. J.

## VIOLETS.

Joseph M. Louise, Jr., F. A. Haenschman, Boulder, Colo.

## BOILERS.

Boilers, The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Boilers, The Superior Standard. The Superior Machine & Boiler Works, 850 Superior St., Chicago.

Boilers, Metropolitan Material Co., 1394 Metropolitan Ave., Brooklyn, N. Y.

Boilers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water boilers, S. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Boilers, all sizes, Kroosschell Bros. Co., 452 W. Erie St., Chicago.

Boilers for greenhouses. Giblin & Co., Utica, N. Y.

Boilers, Lord & Burnham Co., Irvington, N. Y.

Boiler thug, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

## INSECTICIDES

Fresh Tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides, Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungicide, 75c per quart; \$2 per gal. Aphine Mfg. Co., Madison, N. J.

The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphs Pank, \$6.50 per case of 12 paraffined boxes.

## GLAZING POINTS.

Glazing points: See the point? Hold glass firmly. Peerless glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb.; 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes, ¾ and ¼, 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

## GREENHOUSE CONSTRUCTION.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2541 So. Artesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burnham Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tawasville, N. Y.

## GUTTERS.

Gutters, Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters, Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

## MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

Chiffons. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Model extension carnation support; galvanized rose stakes, Igce Bros., 206 N. 9th St., Brooklyn, N. Y.

Daylight glass cleaners, for prices see advertisement elsewhere in this issue. Anderson Specialty Co., 4648 Calumet Ave., Chicago.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



# Tobacco Paper "Nico-Fume" LIQUID

IS THE  
STRONGEST  
BEST PACKED  
EASIEST APPLIED

|                  |         |
|------------------|---------|
| 24 sheets.....   | \$ 0.75 |
| 144 sheets.....  | 3.50    |
| 288 sheets.....  | 6.50    |
| 1728 sheets..... | 35.10   |

Furnishes the  
Most Nicotine for the Money!

OVER 40% NICOTINE

By far the  
CHEAPEST

JUST NOTE PRICES

|                 |         |
|-----------------|---------|
| Pint.....       | \$ 1.50 |
| 1/2 Gallon..... | 5.50    |
| Gallon.....     | 10.50   |
| 5 Gallons.....  | 47.25   |

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Louisville Ky.

Superior Carnation Staple, 1,000 for 50c. F. W. Waite, 293 Main St., Springfield, Mass.  
Florists' Supplies of all kinds. J. Jansky, 19 Province St., Boston.

The Kleinschmidt Soil Grinder. F. Kleinschmidt, 21 Builders Exchange, Buffalo, N. Y.  
Cut flower and design boxes, all sizes. C. C. Pollworth Co., Milwaukee, Wis.

Wagner plant boxes, for palms, boxwood, fig trees, etc. Wagner Park Conservatories, Sidney, O.

Carnation Supports. For sizes and prices see advertisement elsewhere in this issue. C. C. Pollworth Co., Milwaukee, Wis.

Gummed gold silver and purple letters. J. Lichtenberger, 1564 Ave. A, New York.

Photographs of horticultural subjects. Nathan R. Graves, 413 Hayward Bldg., Rochester, N. Y.

Store and office fixtures. Buchlander Bros., 518 Milwaukee Ave., Chicago.

Tile benches and tile bottoms. The Camp Conduit Co., Cleveland, O.

Poultry Food. J. Bolgiano & Son, Baltimore, Md.

Mastic for glazing. F. O. Pierce Co., 12 W. Broadway, New York.

## POTS, PANS, ETC.

The Red Pot, C. C. Pollworth Co. All roads connect with Milwaukee.

Pots. J. A. Bauer Pottery Co., 415-21 Ave. 33 Los Angeles, Calif.

Pots. Florist red. Peters & Reed Pottery Co., Zanesville, O.

Cherry red standard flower pots. The Mt. Gilead Tile & Pottery Co., Mount Gilead, O.

Neponset paper pots. Vaughan's Seed Store, Chicago and New York.

## RAFFIA.

Raffia. Write for prices. Vaughan's Seed Store, Chicago and New York.

## STAKES.

Cane Stakes. Standard grade, 6 to 8 feet, per 100, \$20; 500 for \$3.00, \$3.50 for 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Cane Stakes. Yokohama Nursery Co., Ltd., 31 Barclay St., N. Y.

## WHOLESALE CUT FLOWERS.

### Commission Dealers.

Amling, E. C., 70 E. Randolph St., Chicago.

Angermueller, Geo. H., 1324 Pine St., St. Louis, Mo.

Badgley, Riedel & Meyer, Inc., 34 W. 28th St., New York.

Batavia Greenhouse Co., 40 E. Randolph St., Chicago.

Deamud Co., J. B., 160 N. Wabash Ave., Chicago.

Ford, M. C., 121 W. 28th St., New York.

Ford, Wm. P., 45 W. 28th St., New York.

Froment, Horace E., 57 W. 28th St., New York.

Greater New York Florists' Association, 162 Livingston St., Brooklyn, N. Y.

Hoerber Bros., 162 N. Wabash Ave., Chicago.

Holton & Hunkel Co., 462 Milwaukee St., Milwaukee.

Hunt, E. H., 131 N. Wabash Ave., Chicago.

Kastig Co., W. F., Buffalo, N. Y.

Kellogg Flower and Plant Co., Geo. M., 1122 Grand Ave., Kansas City, Mo.

Kennicott Bros. Co., 163 N. Wabash Ave., Chicago.

Kessler Bros., 113 W. 28th St., New York.



## WILKS' Hot Water Boilers

ARE BEST FOR

### Heating Greenhouses

No Night Fireman Required With Our

## Self-feeding Boilers

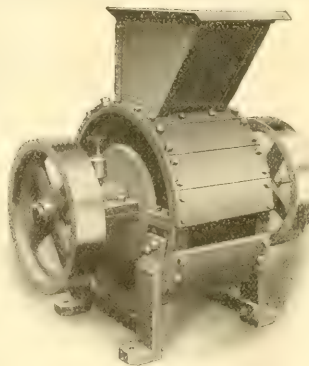
Will keep an even and continuous fire for ten hours and longer without any attention.

### Very Economical in Fuel.

Hard or Soft Coal.

Send for our New Catalogue and Prices.

**S. WILKS MFG. CO.,**  
3503 Shields Ave., CHICAGO.



## The Kleinschmidt SOIL GRINDER

Here is a machine for all  
Greenhousemen that

**WILL GRIND AND MIX**  
To Any Desired Fineness  
More Soil Than Any Other

It is substantially and heavily  
made, all working parts being of  
crucible cast steel or steel forgings.

For particulars and prices address

**F. KLEINSCHMIDT & CO.,**

21 Builders' Exchange, Buffalo, N. Y.

Kuehn, C. A., 1122 Pine St., St. Louis.

Kyle & Foerster, 162 N. Wabash Ave., Chicago.

Knebler, Wm. H., 23 Willoughby St., Brooklyn, N. Y.

Langjahr, A. H., 113 W. 28th St., New York.

Lery, Joseph J., 58 W. 26th St., New York.

McCallum Co., Inc., Pittsburg, Pa.

McCollough's Sons Co., 315 Walnut St., Cincinnati.

McKellar, Chas. W., 162 N. Wabash Ave., Chicago.

Millang, Aug., 41 W. 28th St., New York.

Millang, Chas., 55 W. 28th St., New York.

Moltz, A. & Co., 55 W. 28th St., New York.

# The Truth About Boilers

## Being Number Three of Four Frank Talks

**T**O PUT it briefly, Talks Numbers One and Two were pointed statements of the points necessary for a boiler to be truly economical. Not the marvelous kind of economy that every boiler man from Florida to Alaska claims for his boiler—but the kind you can see it is logical a boiler should have, and that the Burnham does have. That kind of economy. And now for the conveniences of a boiler—those little things that mean such big things to the one who “tends” it.

Take the smoke box damper, for instance. Who wants to be fumbling around on the back of a boiler to open or shut it? Still that's the way boilers are made. The Burnham damper, however, is operated from the front of the boiler, as is every other part.

The clean-out doors should every one be on the front where they will be handy to clean. They will get cleaned then! And the cleaner the flues the more you get out of your coal. Burnham's clean-out doors are all on the front. A coal door that is a skimpy little affair scarce big enough to “take a scoop” is a profanity provoker. The Burnham has a good, big, generous sized affair that helps to take the cuss out of boiler caring.

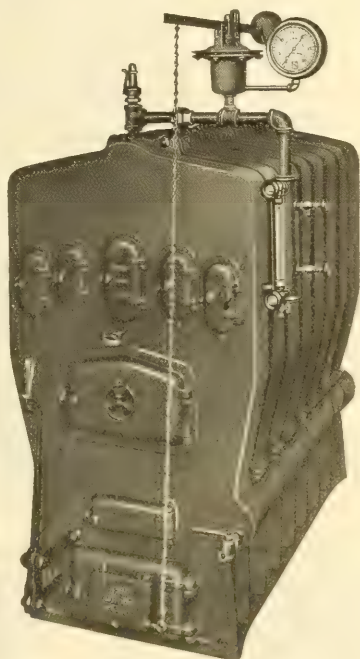
The grates, if easy to shake, are liable to be shaken when needed, instead of allowing a bed of dead ashes to clog up the fire pot and

destroy the draft. The Burnham grates are easy shakers. If the grates dump all ashes to the front, it's less work to take them out. The Burnham is less work.

These are the conveniences you will agree that every convenient boiler should have.

If you are looking for a convenient boiler that is economical **as well as** convenient—then look at the Burnham.

It is made for steam or hot water, either square or round sectional. Send for catalog and further facts.



This is the Number 18, the smallest sized Burnham Steam Boiler. Made also for hot water.



The distance from the water line to top of the section is the steam dome space, which is larger on the Burnham than any other boiler we know of.



This rear section view shows you the interchangeable smoke box, which can be swung around to any position for attaching smoke pipe at top, or other side.

**Lord and Burnham Co.**

Factories: Irvington, N. Y. and Des Plaines, Ill. New York Boston Philadelphia Chicago  
St. James Building. Tremont Building. Franklin Bank Bldg. Rookery Bldg.

### July Coal Prices.

| Cartersville—                      | Chicago.    | Mines.      |
|------------------------------------|-------------|-------------|
| Egg .....                          | \$2.15—2.30 | \$1.10—1.15 |
| Lump .....                         | 2.10—2.25   | 1.05—1.20   |
| No. 1 washed .....                 | 2.30        | 1.25        |
| No. 2 washed .....                 | 2.30        | 1.25        |
| Franklin County—                   |             |             |
| Egg, lump and nut .....            | \$2.30—2.45 | \$1.25—1.35 |
| Screenings .....                   | 1.85—1.95   | .80— .90    |
| Harrisburg—                        |             |             |
| Dom. lump, egg and nut .....       | 2.25—2.35   | \$1.25—1.35 |
| Screenings .....                   | 1.85—1.90   | .85— .90    |
| Lower Vein Brazil Bldg. .....      | 3.05        | 2.25        |
| Pocahontas and New River—          |             |             |
| Egg and lump .....                 | \$3.55      | \$1.50      |
| Mine-run .....                     | 3.15        | 1.10        |
| Smokeless (B. & O. and Tug River)— |             |             |
| Egg and lump .....                 | \$3.45      | \$1.40      |
| Mine-run .....                     | 3.05        | 1.00        |
| Springfield .....                  |             |             |
| Domestic lump .....                | \$1.95—2.05 | \$1.15—1.25 |

**R. C. Whitsett Coal and Mining Co.** Long Distance Phone 8032  
537 South Dearborn St., - CHICAGO.

We Mine and Ship the Following High Grade Coal:

| SUNSHINE                                                                                                                                                            | INDIANA BRAZIL BLOCK | POCAHONTAS | WEST VA. SPURNT | YOUGHIOGHENY | SOUTHERN ILLINOIS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------|-----------------|--------------|-------------------|
| Write us for names of satisfied customers, both as to quality and service, who have used our coals for the last 5 and 10 years. Also for our special summer prices. |                      |            |                 |              |                   |
| <b>IMMEDIATE OR SUMMER DELIVERIES.</b>                                                                                                                              |                      |            |                 |              |                   |
| Steam lump .....                                                                                                                                                    | 1.50—1.90            | 1.00—1.10  |                 |              |                   |
| Mine-run .....                                                                                                                                                      | 1.70—1.80            | .90—1.00   |                 |              |                   |
| Youghiogheny—(on contract)—                                                                                                                                         |                      |            |                 |              |                   |
| ¾-inch steam .....                                                                                                                                                  | \$3.15               | \$1.25     |                 |              |                   |

SOUTH BOSTON, MASS.—Robert V. O'Connor, for many years with M. E. Touhy, has opened a store at 501 East Broadway.

HOLLISTON, MASS.—J. E. Long has installed a gasoline engine for pumping water to the large tank, replacing the windmill in use several years.

IPSWICH, MASS.—W. M. Davey is preparing to erect greenhouses on his property on Locust street and will commence work on the structures soon.



## The Best Color Chart

For Florists, Seedsmen  
and Nurserymen.

ERFURT, GERMANY, May 9, 1911.  
AMERICAN FLORIST CO.,  
Chicago, U. S. A.

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Mathews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly, ERNST BENARY.  
Published and For Sale by the  
American Florist Co., 440 S. Dearborn St.  
PRICE ONE DOLLAR, POSTPAID.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

### "Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural traders: it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

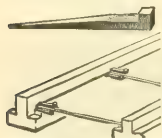
As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address **Editors of "H. A."**

Chilwell Nurseries, LOWDHAM, Notts, England

Mention the American Florist when writing



#### Siebert's Zinc Glazing Points.

Good for small or large glass, do not rust, easy to drive  $\frac{1}{8}$  and  $\frac{1}{4}$  inch. Per lb. 40c. 5 lbs. \$1.85. 20 lbs. \$7.00

VAUGHAN'S  
SEED STORE,  
Chicago New York.

Mention the American Florist when writing

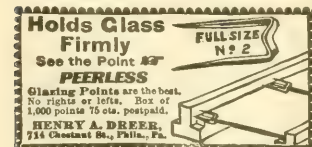


#### SIEBERT'S ZINC NEVER RUST GLAZING POINTS

Are positively the best. Last forever. Over 30,000 pounds now in use. A sure preventative of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes  $\frac{1}{8}$  and  $\frac{1}{4}$  inch per lb., by mail 16c extra; 7 lbs. for \$2.50 15 lbs. for \$5.00, by express. For sale by the trade

RANDOLPH & McCLEMENTS, Successors to  
Chas. T. Siebert, Baum & Beatty Sts., Pittsburg

Mention the American Florist when writing



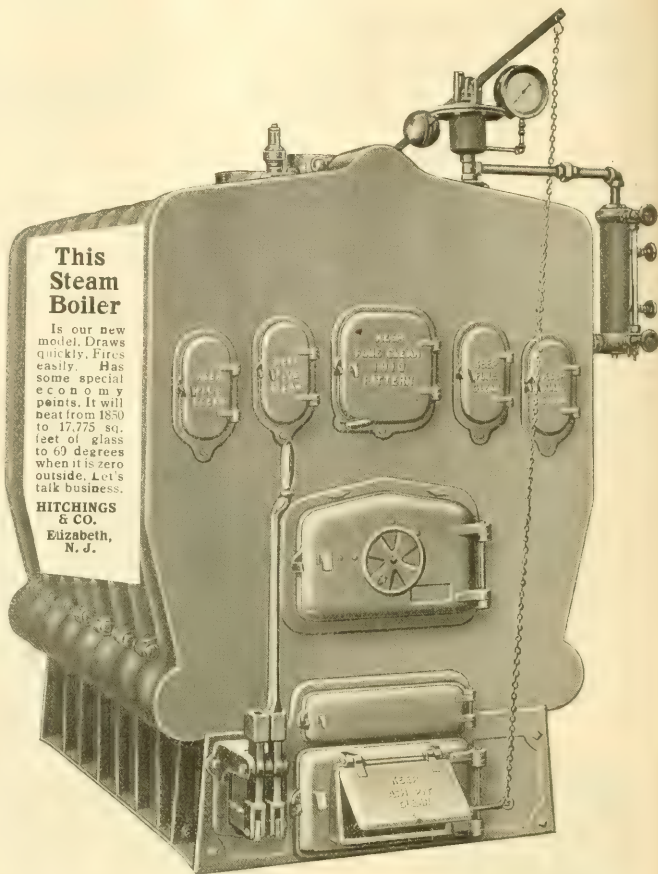
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## The Regan Printing House LARGE RUNS OF CATALOGUES —OUR SPECIALTY—

WRITE FOR FIGURES.

527 Plymouth Place, CHICAGO

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# CYPRESS

Is a wood that has come into very general use in  
**Greenhouse Construction, Benches, Frames,  
Interior or Exterior Use.**

Inquire of your local dealer, or write us.

**BAKER-WAKEFIELD CYPRESS CO., Ltd.**  
Manufacturers, PLATTENVILLE, LOUISIANA

## To Tell All the Good Points of Our Construction

in this advertisement  
are planning any  
tions, it will pay

is impossible. If you  
rebuilding or add-  
you to write us.

TRUSSED  
SASH BAR  
AND  
IRON FRAME  
HOUSES

**GEO. M. GARLAND CO.**

Lock Box S, Des Plaines, Ill.

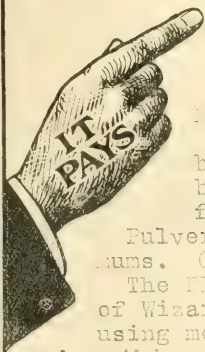
MANUFACTURERS OF  
The Gutter with a Reputation

CONCRETE  
BENCH MOULDS  
AND  
GREENHOUSE  
APPLIANCES

# WIZARD BRAND

TRADE MARK

## PULVERIZED SHEEP—PULVERIZED CATTLE SHREDDED CATTLE MANURE



Mr. Grower:--

32 Union Stock Yards,  
Chicago, Ill.

Are you using Wizard Brand Manures in your bench soil? If not, why not? There is nothing better. They do for the soil and plant all that fresh manure can do and are much more easily handled.

Pulverized Sheep Manure for Carnations and Chrysanthemums. Cattle Manure, Pulverized or Shredded for Roses.

The Florist trade has had six years to prove the value of Wizard Brand and the progressive, successful grower is using more and more of it every year. Our sales records show this plain as day. Get your orders in promptly and be sure of quick shipment and the high grade products we are packing at this time.

THE PULVERIZED MANURE CO.

**MASTICA**  
FOR Greenhouse Glazing  
**USE IT NOW.**  
F.O. PIERCE CO.  
12 W. BROADWAY  
NEW YORK

MASTICA is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass, as occurs with putty. Lasts longer than putty. Easy to apply. Mention the American Florist when writing.

Lock the door before the horse is stolen,  
and insure your glass before it is broken.

For particulars concerning  
Hail Insurance, address

JOHN G. ESLER, Secretary  
SADDLE RIVER, N. J.

**GORHAM & CHAPLINE**  
PRINTERY  
Close Prices on all  
Kinds of Printing

Pontiac Bldg, Harrison & Dearborn Sts., Chicago  
1000 Letter Heads.....  
1000 Envelopes..... } **\$3.50**

IF YOU SAW IT IN THE  
**THE FLORIST**  
SAY SO IN YOUR NEXT ORDER.

## Everything for the Greenhouse

**Woodwork, Glass, Pipe,  
Boilers, Fittings, Hose,  
Ventilating Machinery**

PRICES ALWAYS RIGHT.

**JOHN C. MONINGER GO.,** —902—  
Blackhawk St., Chicago

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### DAYLITE GLASS CLEANER - QUICK - POWERFUL

Will Not Injure Paint or Putty

25 gals. or more.. \$0.75 per gal.  
5 to 10 gals. .... 80 per gal.  
Less than 5 gals.. 1.00 per gal.

Andersen Specialty Co



: : Leaves No Greasy Surface.

One gallon will clean from 500  
to 700 square feet.

ASK YOUR JOBBER  
OR WRITE TO

4648 Calumet Ave., CHICAGO.

GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

Manufacturers of the Model Plant Supporters for  
Carnations, Dahlias, Golden Glow, Peonies,  
Chrysanthemums, and Tomatoes.

Lawn Fence, Flower Bed Guard, Trellis.

**160E BROTHERS** 63-71 Metropolitan Ave  
BROOKLYN, N.Y.

Mention the American Florist when writing

## Boilers OF HIGH GRADE...

For GREENHOUSES

See Our Catalogue.

Steam and  
Hot Water. **GIBLIN & CO.,** Utica, N. Y.



## BIG BARGAINS

in Greenhouse Boilers

- 2 42-in. x 10-ft. Kewanee Fire  
Box Boilers.....\$175.00  
6 60-in. x 16-ft. Horizontal Tub-  
ular Boilers..... 275.00  
2 54-in. x 12-ft. Internal Fired  
Steam Boilers..... 225.00  
3 54-in. x 12-ft. Internal Fired  
Hot Water Boilers..... 200.00  
Several carloads of Cast Iron Green-  
house Fittings, including Valves,  
etc., at a positive saving of 50%.  
4-in. Tubes.....84c  
Several carloads of good Tubes, thor-  
oughly rattled and cleaned.  
All kinds of Pipe, Valves, Fittings, etc.

Write for our List No. 47.

**CHICAGO HOUSE WRECKING CO.**  
35th and Iron Sts., CHICAGO

## Landscape Gardening



PROF. CRAIG.

A course for Gar-  
deners. Florists and  
Home-makers, taught  
by Prof. Craig and  
Prof. Beal of Cornell  
University.

Progressive Florists  
recognize the growing  
importance of a knowl-  
edge of Landscape Art.  
Gardeners who un-  
derstand up-to-date  
methods and practice  
are in demand for the  
best positions.

A knowledge of Landscape Gardening is  
indispensable to those who would have  
the pleasantest homes.

250-page Catalog free. Write today.

**The Home Correspondence School**  
Dept. A. F., Springfield, Mass.

## REED & KELLER,

122 W. 25th St., NEW YORK.

### FLORIST'S SUPPLIES.

We Manufacture all Our

**Metal Designs, Baskets, Wire Work,  
and Novelties,** and are dealers in **Glass-  
ware, Pottery, Decorative Greens** and  
all **Florists' Requisites.**

## Greenhouse Material and Sash

Of Every Description.

Get Our Prices and Catalogue.

**S. Jacobs & Sons,** Established 1871.

1361-1383 Flushing Ave Brooklyn, N. Y.

SEDALIA, Mo.—L. H. Archias, president-  
dent of the Archias Floral Co., recently  
visited St. Joseph and Kansas City on  
business connected with contemplated  
improvements of the greenhouses.  
Three modern houses will be con-  
structed 18x100 feet each, up-to-date  
in every particular.

SANTA BARBARA, CALIF.—Prof. Alfred  
Burbank and Mrs. Martha Knapp were  
married at the home of the bride Wed-  
nesday, June 14. Prof. Burbank was  
for a time connected with the Univer-  
sity of California at Berkeley in the  
department of mines. Tiring of this he  
located at Prado, about 60 miles from  
Los Angeles, and established his plant  
experiment grounds and visited Mexico  
securing rare and valuable plants. He  
will now transfer his work to his home  
in Santa Barbara.

## Attention!! Glass Buyers!!

### GREENHOUSE GLASS.

You will save money if you obtain our prices before you buy.

Quality A No. 1. Prompt shipments.

### Hooker's Greenhouse White Paint

The most durable white paint for this purpose

Half barrels, (25 gallons) per gal., \$1.75. 5 gal. pails, per gal., \$1.80.

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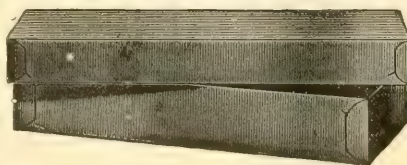
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Three modern houses will be con-  
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Burbank and Mrs. Martha Knapp were  
married at the home of the bride Wed-  
nesday, June 14. Prof. Burbank was  
for a time connected with the Univer-  
sity of California at Berkeley in the  
department of mines. Tiring of this he  
located at Prado, about 60 miles from  
Los Angeles, and established his plant  
experiment grounds and visited Mexico  
securing rare and valuable plants. He  
will now transfer his work to his home  
in Santa Barbara.



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AND

**Design Boxes**

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Write to

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*green flies and  
black ones too*

are easy to kill with  
**The Fumigating Kind Tobacco Powder**

\$3.00 per bag 100 lbs.

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Advance Machine, complete as illustrated, ..... each, \$10.50  
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For the Garden, Orchard and Greenhouse  
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Kills Green Fly, Aphides, Bark Lice,  
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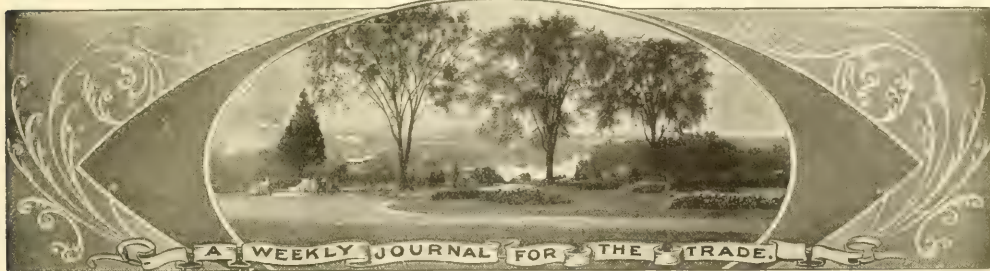


CASKET COVER OF LILY OF THE VALLEY AND CATTEYAS.





# THE AMERICAN FLORIST



*America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."*

Vol. XXXVI.

CHICAGO AND NEW YORK, JULY 22, 1911.

No. 1207

## THE AMERICAN FLORIST

TWENTY-SIXTH YEAR.

Copyright, 1911, by American Florist Company  
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Address all correspondence, subscriptions, etc.,  
American Florist Co., 440 S. Dearborn St. Chicago

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ORNAMENTAL HORTICULTURISTS.**

OFFICERS—GEO. ASMUS, Chicago, President;  
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Annual Convention at Baltimore, Md., August  
15-18, 1911.

**AMERICAN GLADIOLUS SOCIETY.**

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August 15-18, 1911. I. S. HENDRICKSON, Floral  
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**RAILWAY GARDENING ASSOCIATION.**

Next meeting at Chicago, August 15-18, 1911.  
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**AMERICAN ASSOCIATION OF PARK  
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Annual convention and exhibition in conjunc-  
tion with the St. Louis Horticultural Society, St.  
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SMITH, Adrian, Mich., President; C. W. JOHNSON,  
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Next annual meeting and exhibition at Detroit,  
Mich., 1912. A. FARENWALD, Koslyn, Pa., Presi-  
dent; PHILIP BREITMEYER, Detroit, Mich., Vice-  
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Hudson, N. Y., Secretary.

**THE AMERICAN CARNATION SOCIETY.**

Next annual convention and exhibition at  
Detroit, Mich., January 24, 1912. J. A. VALENTINE,  
Denver, Colo., President; A. F. J. BAUR, Thirty-  
eighth St. and Rockwood Ave., Indianapolis,  
Ind., Secretary.

## SUGGESTIONS FOR PLANT GROWERS.

### Poinsettias.

The time for propagating poinsettias is approaching the end, but cuttings struck at this time will make the best plants for the low pans, and all the cuttings possible should be placed in the propagating bench or frame at once. Stock rooted after September 1 will not prove satisfactory at the holiday season. As soon as rooted they should be potted in 2½-inch pots in a compost composed of three-fourths soil and one-fourth rotted manure. As soon as the night temperature drops below 60° the plants should be removed to the houses and given a light position. As they grow space them out so that they will not become crowded and drawn, a short jointed growth being desirable. While poinsettias can be grown in a cooler temperature, at about 50°, the bracts will not be as large and they will not be in bloom at Christmas. The cause of more failures with these plants is a variable temperature—60° at night gives the best results, and do not allow the temperature to fluctuate, or a loss of leaves will result.

### Pelargoniums.

The great improvement in the varieties of the zonal geraniums during the last fifteen years has gradually pushed the show pelargoniums into the background, but there is no handsomer conservatory or house plant for late spring and early summer than these old time favorites, and the plant grower should always have a few of these every season. If there is no stock until September and buy from those who have, and purchase the large flowering varieties and a good assortment of colors. Those who have some good stock plants that are nearly through blooming can begin to dry them off, but do not go to extremes, do not dry them enough to turn the foliage yellow. About the middle of August the plant may be cut down and pruned back very severely, leaving only two or three eyes on each shoot. The wood that is cut off should be made into cuttings and every piece will root, if cut into two or three eyes. Insert the cuttings in the propagating bed and keep them well shaded, and not too wet but keep the

sand moist. They will root in about three weeks and then should be potted and as soon as they require it a shift made into 4-inch pots. Encourage them to make all the growth possible until November, when they should be placed in a cool house, with a temperature of 40° to 45° and preferably on a shelf near the glass. At the end of February or early in March they should be potted in 6-inch pots, when they will make rapid growth and flower the following May and June.

### Callas.

The bulbs of callas will be arriving shortly and everything should be in readiness to start them if it is desired to have blooms in the fall. They can be grown either in benches or in pots, many prefer pot culture, claiming that the bulbs produce more flowers when grown in this manner than when in benches, but the larger flowers are grown in the latter. But whichever way they are to be grown through the winter, the culture at the outset will be the same. The soil should be one-third rotted cow manure and two-thirds good soil and if the soil is of a clayey texture the mixture will stand a liberal addition of sharp sand to keep it open. Pot the bulb in a pot just large enough to hold it and be sure and have good drainage. While the calla is a moisture loving plant and absorbs lots of water it will quickly take on a sickly look if the drainage becomes blocked and the soil becomes soaked with stagnant water. After potting, the plants should be plunged outside, preferably in a cold frame, and if standing in the direct rays of the sun a mulch of short grass, such as lawn mowings or old straw, will prevent the pots from drying out too rapidly and consequently less frequent watering will be required until the roots begin to grow in the soil. As soon as the growths appear the mulch should be removed. The plants can be left out in frames until the middle of September, when they should be removed to the houses and potted into larger sizes or planted in the benches. The old bulbs that bloomed last year can be shaken out and treated in a similar manner. Be sure before potting these to remove all



the small bulbets from the old bulbs. If it is desired to increase the stock these can be planted in a flat and they will grow into flowering roots for the succeeding year.

#### Pruning Shrubs.

The spring blooming shrubs are now nearly all done and the safest rule for pruning is to cut back into shape after the flowers have passed, when the shrubs begin their growth for the next season's crop of flowers. All the small weak growths should be cut out and the plants trimmed into proper shape. Unless this is attended to shrubs rapidly become a tangle of weak growths, bearing but few flowers, and grow into ungainly specimens. Too often this important work is left until too late and the blooming growth for next season is cut off with the result that there are no flowers the succeeding year. Privet hedges should be constantly pruned into shape so as to have a nice appearance and they will stand any amount of cutting as they grow very rapidly. August is the best time to trim berberis and they will need no further cutting back for the balance of the year.

TORONTO, ONT.—The July exhibition of the Toronto Horticultural Society was held at St. George's hall June 7 and was the most successful exhibit ever held. Prizes were awarded for roses and other cut flowers, fruits and vegetables. The features of the show were the fine displays of roses by W. G. MacKendrick and an exhibit of orchids and ferns by Thomas Manton.

## THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphla, Pa.

#### An Attractive Window Display.

The window display made by W. J. Palmer & Son, Buffalo, N. Y., which we illustrate, attracted a great deal of attention through the heated spell of weather, the people standing two and three deep in front of the window viewing the cool and delightful scene, and their places were rapidly filled in as they looked their fill and departed. In the back was a fine representation of an old mill, built in log cabin style, with the water wheel, over which poured a stream of water that coursed down to a pond of good size, which was filled with water lilies, both in bloom and bud, and around the edges of the pond were cork bark logs and stones. A bridge in front of the door of the mill crossed the pond and on this was the figure of a "brownie" fishing. Here and there in the water were to be seen the sportive gold fish swimming to and fro and three sleek turtles were having the time of their life lolling in the pool. Vases of sweet peas, marguerites and lilies were arranged in the scene, which was backed by a group of palms and boughs of foliage. On Independence day the rustic mill was covered with flags in honor of the nation's birthday. The whole scene was so cooling and restful that a lady correspondent of the public press writes of the display, "Now isn't it a public benefit to come down a crowded,

dusty street of pavement and tile, and brick, and wires, and cars and discontented people, and be transported without a bit of trouble into a dream-land of cool rustic beauty. I hope the firm will appreciate the good they are doing by their cooling of the multitude."

#### A Large Table Decoration.

The table decoration which we illustrate was arranged by The L. Bemb Floral Company of Detroit, Mich., in the convention hall of the largest hotel in that city. The table was set in an oval, the inside space of which was 24x68 feet, containing 1,632 square feet, and was set for 112 plates. To decorate such a large space was a question which was ably solved by Albert Pochelon, the manager, by the laying out of a miniature park, the sides sloping from the inside table edge (which was two feet eight inches high) down to the level of the floor. In the center was an oval pond six by ten feet and eight inches high. In this was an electric fountain with 109 sprays of water. The pond was filled with white and colored water lilies and plants. Around the pond was a saucer-shaped automobile race track, on which were running six small automobiles at two different speeds. These were so arranged that at intervals of every eight minutes the six cars would pair off and run around in three pairs, and then would draw away from each other. The fountain was illuminated with six bulls-eye electric lamps, thoroughly insulated to pre-



AN ATTRACTIVE WINDOW DISPLAY.



TABLE DECORATION BY THE L. BEMB FLORAL CO., DETROIT, MICH.

vent short circuiting or the blowing out of fuses.

The park was laid out in such a manner that all the roadways led either to the entrances, archways at the ends of the table, or to the race track in the center. Along the roadways were regular street lamps, each with its electric light. The walks and drives were made of sand, gravel and shells and the rocks were of cork bark. The lawn was of prepared green sheet moss, and the flower beds were represented by round, oval, diamond and square wire frames filled with moss and arranged with flowers and the beds of shrubbery were made in irregular shapes. Enclosing the park was a miniature boxwood hedge, and at the entrances were arches and small boxwood trees. The rest of the hall was also appropriately decorated. The construction of the park was a skeleton of wood work made of 1x2-inch strips covered with cardboard and heavy wrapping paper. All the mechanical as well as the electrical work was operated from one switch-board near the speaker's chair and was turned on or off at his will.

CROMWELL, CONN.—A. N. Pierson, Inc., reports that business for June was 50 per cent higher than that of last year and that trade is still holding good in July. There is a good demand for all lines of stock that can be shipped now.

#### With the Chicago Retailers.

With the beginning of July comes a little rest from the rush and drive and the long hours of the nine preceding months, and the time of inventories, cleaning up and redecorating in preparation of the coming year is at hand. No great amount of business is looked forward to until the fall trade opens, yet there is in all the larger stores always something doing, and while the calls for decorations for entertainments are not many, yet there is always demand for flowers for those more solemn occasions, the funerals. The stores have, however, to be made attractive and much ingenuity is shown by some in having in the windows a display, either of seasonal plants and flowers, or some interesting feature that will draw the attention of the customer or passer-by. The year just passed has on the whole been very satisfactory although no doubt the extremely warm weather of June and the unprecedented hot spell of early July has cut down the total receipts, beside affecting the flowers so at times it was almost impossible to obtain satisfactory stock; first one variety of flower would be poor or scarce and as soon as that one recovered some other would be in poor condition, and it has been almost impossible during the last six weeks to know what could be obtained in good supply

or first class condition a few days ahead. Nymphaeas have been extensively used during the last month in the window displays, and also as a cut flower, some beautiful specimens being seen at all the stores. The excessive warm weather has caused a large number of deaths in the city and the demand for funeral work the last few weeks has been considerable.

H. R. Hughes on the West side has a very beautiful scene in his large windows representing a Rocky Mountain view. The tall peaks are represented in the distance, surrounded with the blue haze and half way down the mountain the chasms are crossed by bridges upon which a train comes up, and over the rugged hills. The scene is beautifully painted and nicely gotten up, and is a pleasing picture especially during the evening under electric light. Trade in this section has been about on a par with other seasons, although the warm weather was felt in the business during June and early July. The trade on the south side is reported as having been good all the season, the stores all having a good increase in the total business throughout the year. At Muir's the June business is reported as fine. June graduations, weddings and large funeral orders called for an unusual large amount of flowers. The bedding plant business was also very large. The houses are well fitted with a fine lot of plants for the fall and holi-



day trade which are in fine condition. A line of nice fancy leaved caladiums make a beautiful showing just now. At W. J. Smyth's the business has exceeded any previous season. June having a large number of weddings and numerous graduation orders, the wedding orders lasting over into July, the decorations being furnished for two weddings of considerable size at the Standard Club and the Metropole hotel during the first week of this month. The proprietor, W. J. Smyth, will shortly start on a trip to California, where he will join Mrs. Smyth, who has preceded him by a few weeks in a visit to the Pacific Coast, and they will remain during the balance of the summer. C. A. Samuelson reports a splendid year's business with considerable work during June and a steady call for all the best flowers of the season. A fine display of decorative stock adorns the store and the collection of white enamel ware is a great feature at this season. A table arranged with small ferns in the form of an Italian garden was very attractive.

In the downtown stores John Mangel states that business has been very good; weddings, hotel decorations and funeral work have been constantly ordered and the business very satisfactory. The windows in this store are always attractive and just now the scene with the moss-covered stones and the rivulet running from window to window with cascades falling over the rocks, and a representation of an old mill with the water turning the large wheel and ending in a goodly sized pond filled with water lilies, and swimming around through it all is a flock of young ducklings. Water lilies that are very beautiful and varied in color have also been an attraction here. A very satisfactory business all the season is the report of the Fleischman Floral Co. with an increasing call for flowers for weddings and social functions as well as a large steady demand for all seasonable flowers. This store presents its usual fine appearance with a nice line of decorative stock for its summer adornment. At A. Lange's the trade has been of large proportions all the year, and the large force is still busy executing the many orders. Notwithstanding the extremely warm weather which was felt by all the stores, the trade has kept up well, and the calls for flowers for weddings, entertainments and funerals has been very large. A beautiful assortment of seasonable flowers is always displayed at this store and the present is no exception, everything the market affords being on hand. Canger & Gornley have had a splendid season, the trade being good throughout the warm days up to the opening of July, a number of large wedding decorations and social functions being arranged. The display of water lilies in the window of this store for the last two weeks has been greatly enjoyed by the many passers-by on the crowded thoroughfare.

**BAR HARBOR, ME.**—The flower show held by the Bar Harbor Horticultural Society July 6 was the best exhibition ever given by the society. By special request the display was kept open July 7 and a large attendance admired the beautiful exhibit. Prizes were awarded for flowers, fruits and vegetables.

### Minneapolis Civic Celebration.

#### FLOWER AND PLANT DECORATIONS.

Flowers as a substitute for flags and bunting for street decorative purposes was recently tried at Minneapolis on an elaborate scale. The occasion was the Minneapolis 1911 Civic Celebration, a week of festivities, parades and pageants. Ten squares of Nicollet avenue were converted into a court of honor. White columns, 25 feet high, six to the square, lined the street giving the colonnade effect. Each was surmounted by electric globes and they were connected by festoons of electric lights. There were also electrical arches crossing the street. Both festoons and arches were entwined with arborvitae. On the ledges of nearly all windows above the first story in the buildings were boxes of blooming flowers from which German ivy was also allowed to trail. The standards of street lights, eight to the square, also held boxes of flowers and vines. Shrubs, boxed trees and urns of flowers were also used to ornament entrances to buildings and store fronts.

The general effect was strikingly beautiful. The green of foliage plants set off the bright colors of flowers to great advantage. Visitors to Minneapolis were greatly impressed by this lavish display of flowers in a downtown district. There were other surprises in the residence locality. Flowers and vegetables have been cultivated on nearly all vacant lots within a radius of two miles from the city

A course of lectures was given and in one way and another 50,000 people were interested in horticulture, men, women and children. Out of this movement has grown a permanent organization and an interest has been created which promises to make Minneapolis in time noted as a city of flowers as well as flour.

Minneapolis paid quite royally, to be sure, for its huge bouquet. The flower boxes for windows in the downtown district were made of galvanized iron and painted green. The Twin City Floral Association furnished the boxes, filled them with flowers and watered them twice daily during civic celebration week at the uniform rate of \$1.10 per foot, the average length of boxes being about five feet. Eighteen thousand feet of these flower boxes were ordered in advance so the cost of decoration approximated \$20,000 for the court of honor, or about \$2,000 per square.

### Hibiscus Show at Honolulu.

The first flower show ever held in the Hawaiian Islands was held in the promotion committee rooms of the Young hotel building June 28 and was an exhibit made by the hibiscus enthusiasts of Honolulu. Over two hundred and sixty flowers or groups were on exhibition, the majority of which were single blooms of the different shades of red, pink, yellow and white, making a brilliant show, which was



WINDOW BOXES AT MINNEAPOLIS CIVIC CELEBRATION, JULY, 1911.

hall. This was accomplished by the co-operation of the civic celebration committee with the garden clubs and improvement associations of different wards. The services of a superintendent were provided with assistance from the State Agricultural School. Flower and vegetable seeds were distributed. The real estate board gave the use of vacant lots, and these were plowed free for all who agreed to plant flowers or vegetables. There were flower and vegetable gardens also on the grounds of eighteen public schools.

nicely arranged. An exhibit of double hibiscus by W. M. Giffard including light pinks and yellows formed an attractive feature of the show. The prime movers of the show were Gerrit P. Wilder and wife, who issued the call, and the enthusiastic response far exceeded their anticipations and there was neither table room nor containers for all the flowers that were sent. About two thousand people visited and enjoyed the display while it was open from eleven o'clock in the morning until four in the afternoon.

## THE CARNATION.

### Diseased Carnations.

#### ED. AMERICAN FLORIST:

We have forwarded you diseased leaves from our carnation plants. Can you inform us what is the cause and what to do to remedy the trouble? Is there any danger of it being communicated to the other benches?

#### SUBSCRIBER.

The specimen leaves enclosed were badly infested with rust. This disease is caused by an over-abundance of moisture in the atmosphere, wet foliage and a lack of pure air. A few years ago it was very prevalent in nearly every carnation establishment, but a close study of the conditions under which it seemed to thrive, and extra careful watch on the cultural conditions to guard against damp foliage during cloudy weather and late in the day, together with plenty of fresh air on every favorable occasion, care as to watering, and a selection of the cuttings, has reduced the trouble to a minimum. If conditions are favorable for its growth it will spread over the whole house. A light dusting of air-slaked lime over the affected plants will check its spread, then aim to keep an even temperature with a moderately dry atmosphere in the houses, and select only clean healthy cuttings for next season's stock. By carefully following out these rules, together with an ordinary degree of cleanliness about the place, the trouble will soon disappear. C. W. JOHNSON.

### Indoor Culture.

It is now time to figure on getting into the benches the plants intended for indoor culture all summer. The first consideration is the cleaning up of the houses and repairing any of the benches that need it, these preparations should be carried out in a thorough manner so that there is no rubbish left around to harbor thrips or red spider; it is a very difficult matter to fight these pests under the very best and cleanest conditions without having old rubbish and dirt to serve as nests for them. Our next item is the compost, the most important feature of all, they need a good live fresh soil that is capable of producing a steady plant growth but not so overcharged with manure as to cause a long-jointed soft growth. The quantity of manure to soil should be governed somewhat according to the texture of the manure, if it is very well rotted one part to four of soil is all right, but if the manure is inclined to be on the fresh and green side it should be used in proportion of one part of manure to five parts of soil.

We place a very thin layer of well-rotten manure at the bottom of the benches and fill in with soil to the depth of five inches after it has been firmed down. A sprinkling of fine bone is put in the surface of the soil and thoroughly mixed in. The soil is then well firmed down and the surface evened up. We are then ready for the plants. If these have been grown on the bench, they should be thoroughly watered long enough before the time of planting to allow the water to drain through the soil, so that it will not be muddy for lifting, also, if the plants are in pots they should be watered and

allowed to drain before planting. Ten inches apart each way is ample space to set the plants. Plant firmly, leaving a slight depression around each plant so that watering can be done at the plant only, without wetting the remainder of the soil.

After the planting is finished, syringe the plants two or three times a day

### Dwarf Sweet Pea.

Paper read by A. C. Beal before the National Sweet Pea Society at Philadelphia, Pa., June 29, 1911.

The dwarf or Cupid sweet peas are varieties that grow only five to eight inches high with a spread of twelve to fifteen inches in diameter. The procumbent stems are stout, vigorous,



DECORATIONS AT MINNEAPOLIS CIVIC CELEBRATION, JULY, 1911.

during the hot weather and give all the ventilation possible. After a few days the weeds will commence to appear, these should be removed as soon as large enough to handle, not allowing them to remain long enough to weaken the carnation plants. A very important consideration with these indoor-grown plants during the very hot weather is that of watering at the roots. The plants need a thorough watering in at time of planting, after this water should be given only as the plants are in need of it and then thoroughly. Do not keep the soil in a saturated condition, which is a cause of soft, spindly plant growth. The work of pinching back the growths will have to be followed up closely to make the plants break evenly. Another matter is to look out for the aphids, spraying regularly twice a week to keep them in check. C. W. JOHNSON.

short jointed and freely branching. The foliage is a deep green. The leaflets are small and the tendrils short. The flowers which are the size of those of the tall varieties are borne two or three in number, on short stems, three or four inches in length. The dwarfing has been accomplished by an extreme reduction of the internodes, for an examination of the plants reveals the fact that they have as many or more internodes as the tall type.

The Cupid sweet peas originated in 1893 at Santa Cruz, Calif., upon the grounds of C. C. Morse & Co., the largest growers of sweet pea seed. The plant was found growing among plants of the tall growing variety, Emily Henderson. Naturally this remarkable "sport" was preserved and its dwarf character proved to be so fixed that it is recorded that when Messrs. Morse in 1895 grew seven acres of this nov-



ely, none of the plants reverted to the normal climbing type. W. Atlee Burpee purchased it in 1894 and had the variety grown in England by James Douglas, where in June, 1895, it was exhibited before the Royal Horticultural Society, and was given, by unanimous vote of the committees, an award of merit. The same year it was given an award of merit by the National Hor-

tions during germination. Pink Cupid was discovered among plants of Blanche Ferry in 1895 and was introduced by Burpee in 1898. He had purchased the stock of 1,068 seeds for which he reported paying the sum of fifteen hundred dollars, which is probably the largest sum ever paid for a new variety of sweet peas. This variety was similar to Blanche Ferry in

and at the bi-centenary celebration in 1900 it was reported that they had dwarf counterparts of Purple, Dark Blue Striped, Captain Clarke, Rose, Light Blue Striped, Invincible Blue, Invincible Carmine, Invincible Red, Invincible Black, Sultan, Rising Sun, Boreatton, Princess Beatrice, Princess May, Princess of Wales, Etna, Vesuvius, Indigo King, Pale Madame Camot, Waverly, Primrose, Carmine Striped, and Countess of Radnor. It will be noticed that many of these were representatives of tall varieties that were obsolete or were passing out, and of course were not equal to such varieties of Cupid as Beauty, Alice Eckford, and Firefly which had been introduced by that time.

#### VARIETIES OF CUPID SWEET PEAS.

White or "Cupid," 1896.  
Pink, 1898.  
Alice Eckford, 1899.  
Beauty, 1899. (Similar to Eliza Eckford).  
Primrose, 1899.  
Boreatton, 1900.  
Countess of Radnor, 1900.  
Firefly, 1900.  
Apple Blossom, 1901.  
Captain of the Blues, 1901.  
Chamberlain, 1901. (Similar to Mrs. Joseph Chamberlain).  
Royalty, 1901. (A dark royal rose).  
Stella Morse, 1901.  
America, 1902.  
Her Majesty, 1902.  
Lottie Eckford, 1902.  
Bridesmaid, 1903.  
Enchantress, 1903. (A dark Lovely).  
Mauve Queen, 1903.  
Extra Early Blanche Ferry, 1903.  
Sadie Burpee, 1903.  
Lady Mary Currie, 1904.  
Prima Donna, 1904.  
Prince of Wales, 1904.  
Salopian, 1904.  
Emily Eckford.  
Lovely.  
Navy Blue.  
Waverly.  
Ovid.  
Ramona.  
The Cupid sweet peas have been very popular for several reasons. Many persons apparently expected this dwarf type to furnish long stemmed blooms



PLANT DECORATIONS AT MINNEAPOLIS CIVIC CELEBRATION, JULY, 1911.

ticultural Society of France. In Burpee's circular to the trade, July, 1895, this white flowered variety was described. It is a singular fact that, but for this trade announcement, a similar dwarf form would have been offered by Ernest Benary of Erfurt, Germany, in 1896 or 1897, probably under the name of Tom Thumb White. It was such a complete description of his variety that the similarity was recognized and Mr. Benary published in his catalogue the name of his novelty as a synonym of Cupid, thus preventing confusion. In 1895 a similar dwarf appeared on the grounds of Henry Eckford at Wem, England. There is also some evidence that a similar form was found in 1895 among plants of the old white grown in Southern France. This remarkable instance of synchronistic variation appeared in three or four widely separated localities within a period of two years. (Singularly enough, so far as known, all these dwarfs had white flowers, and white seeds and developed among white varieties. A notable and somewhat similar case was the appearance of the dwarf lima bean, but here we find the origin extending over a period of twenty years and the varieties are simultaneous only in the date of introduction. Moreover, we have very distinct varieties originating from very distinct climbing varieties of lima beans of two species.)

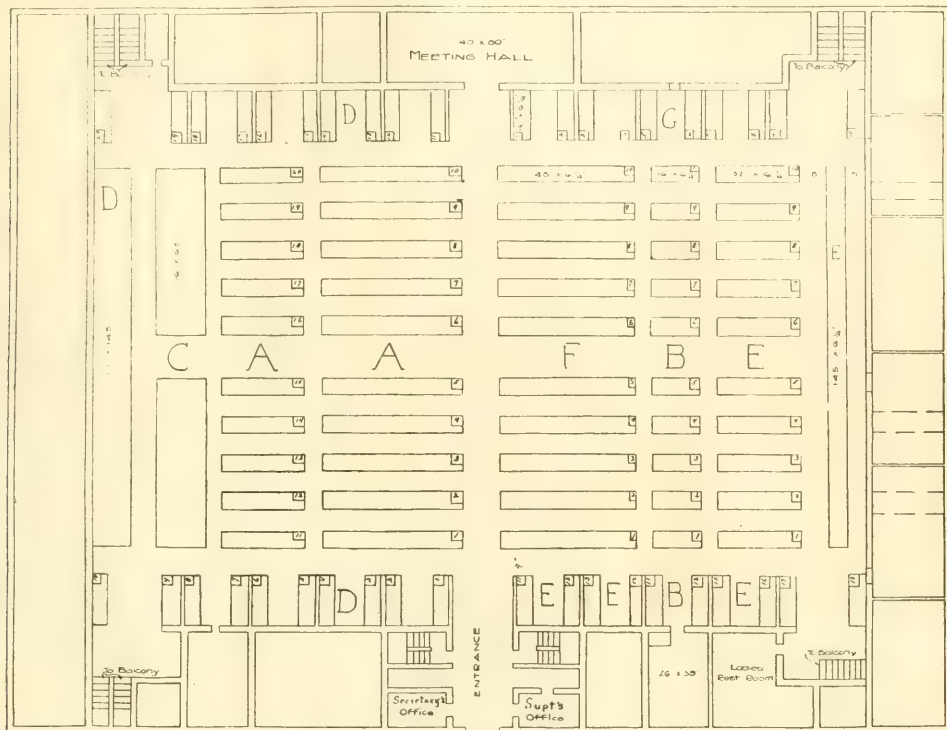
This novelty attracted great attention, especially among sweet pea lovers, everywhere, and was offered to the public in 1896. Unfortunately Cupid, afterward known as White Cupid, the forerunner of the race, was white seeded like the parent and germinated very poorly, especially the year of its introduction. It appears that even among white seeded peas it is probably the most sensitive to unfavorable condi-

all characteristics except its dwarf habit. A yellow sport found among White Cupid was introduced by Burpee in 1899 as Primrose Cupid.

During the seven years following the introduction of the original Cupid sweet pea a great number of varieties appeared reproducing all the known colors and types of the tall growing varieties. "Several of our best Cupids," says Morse, "were found originally in the tall varieties, but the majority were developed by crossing." Laxton Bros. of Bedford, England, began crossing upon Cupid soon after its introduction.



WINDOW BOXES AT MINNEAPOLIS CIVIC CELEBRATION, JULY, 1911.



PLAN OF EXHIBITION HALL OF THE S. A. F. CONVENTION AT BALTIMORE, MD., AUGUST 15-18.

for cutting, thus relieving them of the necessity of providing supports for the plants. The short stems of this type were therefore a disappointment to such persons and they unhesitatingly condemned it for any purpose. In answer to the claims made that the plant was adapted for use as an edging or for bedding, it was urged that the blooming period was too short, not allowing for the fact that the dwarf type behaves similarly to the tall type and ceases to bloom if the pods are not removed. For no other reason this sweet pea has been ignored by many seedsmen, while some inferior trailing plants are still offered in their catalogues. The dwarf sweet pea has the advantage of many border plants in its great variety of colors.

In part the unpopularity of the plant has been due to the fact that the White Cupid did not germinate very successfully, especially the first year of its introduction, thus affecting the popularity of this whole race. The black seeded varieties give a high percentage of germination so that poor germination is not an inherent fault of the race.

The dense foliage and growth of the plants make a thick carpet over the surface of the ground and in a wet season the result is usually failure. The flower buds drop off and the plants do not thrive even if they do not become subject to disease. The foregoing reasons explain why this type has not been very successful in English gardens.



Mack Richmond.

Superintendent of S. A. F. Trade Exhibition at Baltimore, August 15-18, 1911.

In California where the summers are long and dry, the Cupid sweet peas thrive. During hot, dry summers in our eastern states when the tall varieties are subjected to very trying conditions, the Cupid sweet peas grow

and bloom abundantly. Last season we grew ten, twenty foot rows of the different varieties of the dwarf type. When the tall kinds were having a struggle with the drought under a temperature of ninety degrees or more, the Cupids, in the highest and driest position, grew and blossomed profusely. They were admired by all who saw them, and many questions were asked as to what they were, whether they were of recent introduction (new) and where they could be obtained.

The conditions necessary for the successful culture of the dwarf sweet peas, appear to be a rather dry, moderately rich soil, a dry, hot season, good cultivation, prompt removal of the withered flowers and pods. The seed may be sown in single rows, twin rows or scattered in a broad drill, ten or twelve inches in width. For the purposes mentioned the distinct colors are preferred. Among the best varieties are White, Pink (Blanche Ferry Cupid), Countess of Radnor and Prima Donna.

#### Chicagoans at Cincinnati.

President H. E. Philpott and Secretary A. T. Pyfer of the Chicago Florists' Club left Chicago July 9, making a trip to Cincinnati and Dayton, O., and Louisville, Ky., being present at the meeting of Cincinnati Florists' Society July 10 and enjoyed the hospitality of the craft in the cities which they visited. The following account is given by Secretary Pyfer of the enjoyable journey:



Upon arriving at Cincinnati they were met by the president of the Cincinnati Florists' Society, C. E. Critchell, vice-president William Murphy, treasurer E. A. Forter, J. A. Peterson and R. Witterstaetter, who cordially welcomed them to Cincinnati and entertained them until after the society's meeting. It was election night with the society and there was a good attendance and the meeting was full of interest. On Tuesday an invitation was accepted to visit and dine with J. A. Peterson, the well-known grower of Begonia Gloire de Lorraine and other plants and in extending the invitation he was proud to say that he was the first in that vicinity to have tomatoes and corn from his own garden, and that they were good all can be assured, and especially fine was the spring chicken which was greatly enjoyed. Mr. Peterson and his wife left on the following Friday for a voyage to Europe. Trade was found to be very quiet in general, and with very little stock in the market.

The trip was then taken to Louisville, where they were met by George Schulz, son of Jacob Schulz, one of the leading florists of the city, and from the moment of their arrival until departure experienced a taste of real Kentucky hospitality. Nothing was left undone. The afternoon was spent in an automobile trip seeing the parks and other points of interest, and on the return with the family of Mr. Schulz and others supper was enjoyed in Shawnee Park. As an advertising novelty Mr. Schulz has something attractive in a huge electric sign across the street from his store, which catches everybody's attention. The sign is in the form of a rose; first the stem and leaves appear in green, then a pink bud, which later bursts into an American Beauty rose in full bloom. They found Louisville wide awake and ready to make a strong bid for the convention of the Society of American Florists in 1912. It is most certainly a beautiful city and with the number of new hotels, there would be no trouble for all the visitors to find accommodations.

Thence to Dayton, where a visit to Matthews the Florist found him busy as usual at his greenhouses. He is one of the popular and leading florists of the city, but dropped his business to give them a cordial welcome and take them around the city in an automobile for most of Friday afternoon. On the trip a call was made on George Bartholomew of the Miami Floral Co.,

who was preparing for a journey to Europe the following Monday. Returning to Mr. Matthews' establishment it was noted that he believes in advertising thoroughly and well. There were on hand caps of all sizes and quantity for the workmen, as well as palm leaf fans and drinking cups, in fact, any thing on which he could have his name which could be put into constant use. These are distributed freely, not only to his patrons but to anyone who has use for the handy article.

The trip was thoroughly enjoyed from the time of the arrival at Cincinnati until the departure from Dayton. The sentiment in favor of holding the convention at Louisville is very strong and there will be a large delegation attend the convention at Baltimore. Louisville will send enough to fill a special car and Cincinnati and surrounding territory will make up another car. These will be attached to the President's Special which leaves Chicago August 13, making one of the greatest trains to the convention at Baltimore.

ELKHART, IND.—W. H. Troyer was badly damaged by hail July 11.



Nick Wietor, Chicago, in Camp.

#### Sweet Peas at Floradale, Lompoc, Calif.

An exhibit of sweet peas grown at the W. Atlee Burpee & Co.'s seed farms, Floradale, Lompoc, Calif., was, by invitation, made at the Board of Trade rooms, Pasadena, Calif., on June 29, the same day as the meeting of the National Sweet Pea Society of America at Philadelphia, Pa. It was a little too early to make a large display as the crops are much later this year than they were a year ago. The quality of the blooms is shown in the illustration as they were arranged in the little greenhouse before being sent to Pasadena.

The interest which was taken in the exhibit is thus expressed by P. D. Barnhart, editor of the Pacific Garden, in a note to Edwin Lonsdale, manager of the seed farm. "The sweet peas arrived in perfect condition. I had a bevy of pretty girls unpack them and arrange them on the tables in a way that only girls can. Lonsdale, they were great, and no mistake. The crowds of people who visited that show, I think, took down every name, and absorbed the copies of the 'Thirty-fifth Anniversary Supplement' in no time. Not half enough of these were sent."

E. L.

#### Society of American Florists.

Preliminary programme, twenty-seventh annual meeting and exhibition, Baltimore, Maryland, August 15, 16, 17, 18, 1911.

TUESDAY, AUGUST 15.

Opening Session.

First Day, 2:00 p. m.

Address of Welcome.....

His Honor, the Governor of Maryland.

Address of Welcome.....

His Honor, the Mayor of Baltimore.

Response.....Robert Craig

President Asmus's address.

Report of Officers, Committees, etc.

Report of Committee on President's address.

Discussion.

Miscellaneous Business.

Judging of Trade Exhibits.

Evening Session.

First Day, 7:30 p. m.

President's Reception.

President Asmus wishes it distinctly understood that the reception will be informal and that the most comfortable costume will be the most appropriate.

WEDNESDAY, AUGUST 16.

Morning Session.

Second Day, 9:30 a. m.

Reciprocity with Canada on Floral

Products. From the American Standpoint .....P. Welch



OUTING OF THE FLORISTS' CLUB OF WASHINGTON, D. C., AT HUNTSVILLE, MD., JULY 12, 1911.

From the Canadian Standpoint....  
 .....E. I. Mepsted  
 Discussion.  
 Advisability of a Spring Meeting..  
 .....Wm. F. Kasting  
 Second Day, 10:30 a. m.  
 Selection of Next Meeting Place.  
 Nomination of Officers for 1912.  
 Report of Judges of Trade Exhibit.  
 Annual Meeting Ladies' Society of  
 American Florists.  
 Afternoon Session.  
 Second Day, 2:30 p. m.  
 The Private Gardener.....  
 .....Wm. Duckham  
 Discussion.

## SPECIAL RATES TO BALTIMORE.

Applications for special rates were made of all traffic associations. The Trunk Line Association has granted a rate of one and three-fifths on the certificate plan. Tickets may be secured not earlier than August 11 and not later than August 16, except from stations where it is possible to reach Baltimore by noon of August 17 when tickets may be secured on that date. Tickets will be good returning up to and including August 22.

In securing your tickets purchase a regular full one-way first-class fare and be sure to request a certificate. Inquire at your home station and ascertain

from 9 a. m. to 6 p. m. to validate certificates. No certificate will be signed before or after that date.

When returning, present your certificate at the railway ticket office and a ticket at three-fifths of the regular rate will be furnished you. These certificates are only good provided one hundred or more are presented.

For those living outside of the Trunk Line Association inquiry should be made of your local agent for rates to eastern points. There are many rates in force during August and it is possible to travel at a much reduced fare.

Where members are desirous of joining parties from the larger cities information concerning the trip may be secured by writing to the secretaries of the local florist organizations as follows:

Chicago, Ill.—A. T. Pyfer, 388 Dundan street, Joliet, Ill.

New York, N. Y.—John Young, 101 W. 34th street.

St. Louis, Mo.—J. J. Beneke, 1216 Olive street.

Cincinnati, O.—George Bartlett.

Boston, Mass.—Geo. Cartwright.

## HOTELS.

The local hotel committee furnishes the following list of the leading hotels of Baltimore with their location and rates:

Hotel Belvedere, headquarters, European plan, Charles and Chase streets—Rooms without bath, \$2.00 to \$4.00 per day; rooms with bath, \$3.00 to \$9.00 per day.

Hotel Rennert, European plan, Liberty and Saratoga streets—Rooms without bath, \$1.50 to \$4.00 per day; rooms with bath, \$2.50 to \$6.00 per day.

Hotel Stafford, European plan, Mt. Vernon place—Rooms without bath, \$2.00 to \$4.00 per day; rooms with bath, \$3.00 to \$7.00 per day.

Hotel Altamont (three squares from the convention hall), European plan, Eutaw place and Lanvale street—Rooms without bath, \$1.00 per day; rooms with bath, \$1.50 per day up.

New Howard, European plan, Howard near Baltimore street—Rooms without bath, \$1.50 to \$2.50 per day; rooms with bath, \$2.50 to \$3.50 per day.

Hotel Caswell, European plan, Baltimore and Hanover streets—Rooms without bath, \$1.50 to \$2.50 per day; rooms with bath, \$2.50 to \$3.50 per day.



SWEET PEAS AT FLORADALE, LOMPOC, CALIF.

The National Flower Show.....  
 .....F. R. Pierson  
 Discussion.  
 Evening Session.  
 Second Day, 8:00 p. m.  
 Illustrated Lecture, "Ornamental Horticulture Abroad".....  
 .....J. K. M. L. Farquhar  
 THURSDAY, AUGUST 17.

Morning Session.  
 Third Day, 9:00 a. m.  
 Sectional Meetings.  
 Florists' Telegraph Delivery.  
 American Gladiolus Society.  
 American Carnation Society.  
 American Rose Society.  
 National Sweet Pea Society.  
 Florists' Hall Association.

Third Day, 11:00 a. m.  
 Election of Officers.  
 Amendments to Constitution and By-Laws to be acted upon.

To amend Article IV, Section 2 to read as follows:

Section 2. Fees and Assessments.—Any eligible person may become a member of the Society on the payment of \$5.00, and such payment shall cover the annual dues for the balance of the calendar year.

The annual dues shall be \$3.00 per year, payable in advance on the first day of January. Any person may become a life member on payment of \$50.00 and be exempt from all further assessments.

Afternoon—No Session.

Third Day.  
 Bowling Contests and Other Sports.  
 Evening Session.

Third Day, 8:00 p. m.  
 In hands of Ladies' Society of American Florists.

FRIDAY, AUGUST 18.

In hands of the Baltimore Gardeners' and Florists' Club.

whether certificates and through tickets can be obtained to the place of meeting. If not, purchase your ticket to the nearest point where they may be secured and there purchase a through ticket and certificate. No reduction in fare will be made unless a certificate be secured at the time of the purchase of the ticket.

Immediately upon arrival at convention hall, present your ticket and twenty-five cents to the secretary. A fee of twenty-five cents is charged for each ticket validated. An agent of the association will be present at the office of the secretary on August 16-17.



WIETOR-SINNER FISHING PARTY AT WHITE SAND LAKE, WIS.



The New Carrollton, European plan. St. Paul near Baltimore street—Rooms without bath, \$2.00 up; rooms with bath, \$2.50 up.

Hotel Junker (strictly stag), European plan. 20-22 E. Fayette street—Rooms without bath, \$1.00 to \$1.50 per day (each person); rooms with bath, \$1.50 to \$2.50 per day (each person).

Hotel Raleigh, European plan, Holliday near Fayette street—Rooms without bath, \$1.00 to \$4.00 per day; rooms with bath, \$2.50 to \$4.00 per day.

Hotel Kernan, European plan, Franklin and Howard streets—Rooms without bath \$1.50 up; rooms with bath \$2.00 up.

It will be well to make application for rooms in advance and so avoid the disappointment on your arrival of finding all the best rooms taken. All information will be furnished by address-

office to pay their assessment. This will also be a great convenience to the secretary, who has many other duties to perform. Dues cannot be paid while meetings are in progress. A badge and membership receipt are absolutely necessary before any individual can sign the roll and receive invitation cards for any of the entertainments. This rule will be strictly enforced. Badges will also be necessary in order to get into the exhibition hall. All not having badges will be required to pay the admission fee.

On receipt of \$3.00 from those who have paid their 1910 dues or \$5.00 from all others, the secretary will promptly mail to the sender a certificate and badge. Bring your certificate to the convention with you.

Send your dues now to the secretary.  
H. B. DORNER, Sec'y.



#### HAIL HAVOC AT BALTIMORE.

Geo. M. Cook's Greenhouses at Wilmington After Storm.

ing William Feast, No. 331 North Charles street, Baltimore, Md.

#### THE TRADE EXHIBITION.

The trade exhibition will be held in the Armory which is, without exception, the best and largest hall ever offered for the use of the society. From reports coming from the superintendent the prospects are that the hall will be filled to overflowing. The most gratifying thing about the hall is that all the exhibits will be upon the same floor.

The meetings of the society will also be held in the Armory but in a separate room and free from the usual noise.

"Exhibitors are reminded that the duties of the judges are limited to the consideration of and the making of awards to novelties and imported devices only. Exhibitors are required to make previous entry of all such exhibits with the superintendent in writing." Full rules and regulations, together with rates, may be obtained by addressing "Mack" Richmond, Superintendent, 1813 Pulaski street, Baltimore, Md.

The trade exhibition will be open from the morning of Tuesday, August 15, to 10.00 p. m. of Friday, August 18. During this time no exhibitor will be allowed to pack up or remove any exhibit or part of exhibit until 10.00 p. m., August 18.

Notice is also given that the public will be admitted every evening from 7.00 to 10.00 p. m. and on Monday and Friday afternoons from 2.00 p. m. until closing time. Members should keep this in mind in the transaction of their business.

#### DUES.

All members should send in their dues in advance and secure their certificates and badges and so avoid the necessity of waiting at the secretary's

#### Two Good New Roses.

The modern rose enthusiast must possess a good stock of patience, for he may see a grand novelty exhibited, but he will of necessity have to wait perhaps one or two years before he can possess it. Last autumn S. McGredy and Son exhibited a rose which I venture to predict will be in every garden within a year or two after it is distributed. This variety was Mrs. Muir Mackean. In my opinion there is nothing like it among all our numerous hybrid teas. There is a combination, as it were, of the exquisite shades of Farbenkonigin and George C. Waud; and

even though we may know these two roses, this can give no adequate idea of the marvelous coloring of Mrs. Muir Mackean. I am certain it will take a high position among our show roses. It is one of those roses that arrest attention, even though surrounded by ever so many beauties, the more so as it carries its blooms on good stout stems, and as they are borne mostly singly, no disbudbing

#### Chicago Flower Growers' Association.

The Chicago Flower Growers' Association will open the doors of its new store at 176 North Michigan avenue to the inspection of the trade August 1, and be ready to make a bid for a share of the cut flower business which is supplied by the many wholesale houses of this city. The association has splendid quarters quite handy to all the other dealers with space ample enough to handle all the output of the many growers who compose the association. The association has been in process of formation for several months and consists of about 60 growers, representing more than 2,000,000 square feet of glass. The association is capitalized for \$10,000 and the following well known growers were on June 5 elected as officers:

J. F. Kidwell, president.

Edward Meuret, vice-president.

Anton Then, treasurer.

George C. Wieland, secretary.

Aug. Jurgens, Joseph Schoos, Charles McCauley and J. C. Meier, directors.

The management of the store will be in the able hands of Otto W. Frese, who is well known to the trade of this city and the other cities supplied from this market having been connected with the wholesale flower business here for more than twenty-five years, the last eight years with Poehlmann Bros. Co. The store which has been rented is very commodious and two floors and the basement will be utilized in conducting the business. The first floor will be used for the cut flower branch and the second floor as a plant market. It is the intention of the association when once fully established to also handle a full stock of supplies.

SAN FRANCISCO, CALIF.—W. H. Cornwell of Sievers & Cornwell caused the arrest of Leonard Strauss whom he accuses of the larceny of checks and money to the value of \$79.



H. C. ROWE'S STORE, CHICAGO.



George C. Wieland, Secretary.



J. F. Kidwell, President.



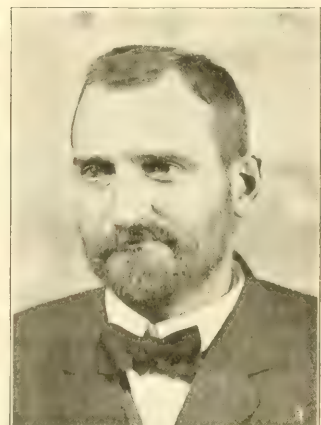
Anton Then, Treasurer.



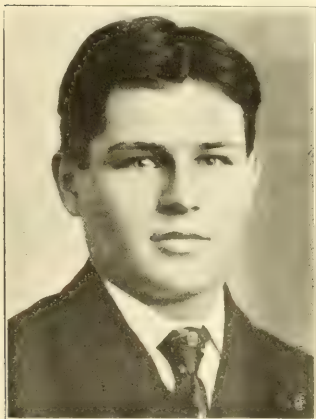
Chas. McCauley, Director.



Edw. Meuret, Vice-President.



Aug. Jurgens, Director.



J. C. Meier, Director.



Otto W. Frese, Manager.



Joseph Schoos, Director.

CHICAGO FLOWER GROWERS' ASSOCIATION OFFICERS AND DIRECTORS.



# THE AMERICAN FLORIST

1885 TWENTY SIXTH YEAR 1911

Subscription, United States and Mexico, \$1.00 a year; Canada, \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send be old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,  
440 S. Dearborn St., CHICAGO.

THIS ISSUE 56 PAGES WITH COVER

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SHAND'S MODEL is a new trailing lovia, said to be very effective for baskets, vases, etc.

IMMOERTELE prices will be much higher. Such are the indications by latest French cables.

QUARANTINE restrictions on account of the cholera scare may delay French bulbs at the seaports.

THIS weather favors the tramps who represent themselves as the friends or employees of well known men in the trade in seeking loans or in passing worthless checks. Look out for them.

## San Francisco 1915.

The National Educational Association is now holding its convention in San Francisco some 15,000 (fifteen thousand) strong. Why not the S. A. F. in 1915? EDWIN LONSDALE.

## Society of American Florists.

### DEPARTMENT OF REGISTRATION.

As no objections have been filed, public notice is hereby given that the registration of the rose "Wilhelmina" by Hoerber Bros., Chicago, Ill., becomes complete.

H. B. DORNER, Sec'y.

## Every Dealer Should Have a Directory.

### THE AMERICAN FLORIST Co.:

Your directory with my insertion in it received and I am pleased with the whole work. I believe every dealer ought to have a copy of this directory, for the information he can obtain from it is worth many times the money paid for it. Sincerely yours,

JOSEPH KOPCSAY.

South Bend, Ind.

## Boston to Baltimore.

The delegation to the S. A. F. convention at Baltimore will leave Boston by the Fall River Line at 6 p. m. Sunday, August 13, joining with the New York delegation at New York City, which leaves at 12 noon, August 14. The fare will be \$8.65 on the certificate plan, with a three-fifths rate returning by the same route. Anyone desiring to join the Boston party should notify W. A. Hastings, care of Boston Flower Exchange, C. Park street, Boston, Mass., state vice-president S. A. F., before August 11, that stateroom and passage may be secured.

## Cutting Down Production Costs.

Money is saved by growing roses and carnations more than one season in the same soil and benches. Carnations have been grown successfully two years this way and roses have been carried practically five years in the same soil and benches—the soil supplemented by an annual top-dressing—producing good crops each year. In this practice there is a saving of stock, soil and labor which compels attention in these days of high costs. There would appear to be increased danger of fungous and other diseases, but these, like the insect pests, are with us always.

## National Flower Guild.

The National Plant and Flower Guild was organized in 1903, and has extended to all parts of the country, its branches now numbering 300, located in north, south, east and as far west as California. The headquarters are in New York with Mrs. John Wood Stewart president, the national vice-presidents being Mrs. David Fairchild, Mrs. Alexander Van Rensselaer, Mrs. Ernest Iselin, Mrs. Margaret Deland and Mrs. Louise Klein Miller. The objects of the guild are to bring the city dwellers in touch with nature and to cheer the poor in tenements and hospitals with fruits, flowers, plants and delicacies. It also strives to awaken interest in the cultivation of fruits and flowers. These women are doing a noble work and are carrying cheer and refinement to many an unfortunate, assisting to lift the heavy burden which is weighing them down. It is a grand opportunity for the florists when there is a surplus of stock, to assist the local society and help these women to inculcate a love for flowers and give to the afflicted a few moments of pleasure.

## The President's Special to Baltimore.

The Chicago Florists' Club, at its regular meeting July 6, decided in favor of the Monon Railroad for the Baltimore convention trip and arrangements are being completed by which the President's Special will leave Chicago Sunday, August 13, at 11:30 p. m., arriving at Cincinnati at 7:50 Monday morning. There will be a stop-over at Cincinnati for a couple of hours to get together the various delegations from Louisville, St. Louis, Peoria, Indianapolis, Dayton, Toledo, Detroit and other nearby points. From Cincinnati the President's Special will proceed direct to Baltimore, arriving Monday at 11:00 p. m. The fare for the round trip, Chicago to Norfolk, via Baltimore, good for 30 days, is \$27.00. Lower berths, one way, are \$4.50, upper berths \$3.60. Many side trips can be arranged by rail or water to Washington, Philadelphia, New York, Boston, etc., at small additional cost. Reservations will be made at Chicago by Herbert Wiley, General Agent Passenger Department, Monon Railroad, 104 South Clark street. Telephone, Harrison 3306.

## Coming Exhibitions.

(Secretaries are requested to supply any omissions from this list and to correct any dates that may have been altered since the last advices.)

Chicago, September, 1911.—Exhibition of annuals, perennials and vegetables. Horticultural Society of Indiana, Inc., J. D. Burdett, secretary, 1620 West 104th Place, Chicago.

Cincinnati, O., November 13-18, 1911.—Fall exhibition. Cincinnati Florists' Society, Horticultural Hall-Music Hall, George S. Bartlett, secretary, 131 East Third street, Cincinnati.

Lenox, Mass., August 19, 1911.—Annual and perennial exhibition. Lenox Horticultural Society, Town Hall, Geo. H. Instone, secretary, Lenox.

Lenox, Mass., October 25-26, 1911.—Grand fall exhibition. Lenox Horticultural Society, Town Hall, Geo. H. Instone, secretary, Lenox. New Bedford, Mass., September 14-16, 1911.—Ninth annual fall exhibition. New Bedford Horticultural Society, Odd Fellows Hall, Jeremiah M. Taber, secretary, 117 Sycamore street, New Bedford.

New Haven, Conn., September 13-14, 1911.—First annual dahlia exhibition. New Haven County Horticultural Society, Harmon Bldg., F. H. Wirtz, secretary, 86 Nicoll street, New Haven, Conn.

New York, September 19-21, 1911.—Dahlia, fruit and vegetable show. American Institute of the City of New York, 19-21 West Forty-fourth street, Wm. A. Earleson, secretary.

New York, November 3-7, 1911.—Fall exhibition. Horticultural Society of New York, American Museum of Natural History, Central Park West and Seventy-seventh street, Geo. V. Nash, secretary, New York Botanical Garden, Bronx Park, New York.

New York, November 1-3, 1911.—Chrysanthemum Show. American Institute of the City of New York, 19-21 West Forty-fourth street, Wm. A. Earleson, secretary.

New York, November 3-12, 1911.—American Land and Irrigation Exposition, Madison Square Garden, Gilbert McCullough, general manager, Singer building, New York.

Milwaukee, Wis., November 13-19, 1911.—Fall Flower Show. Milwaukee Florists' Club, Auditorium, Gustav C. Mueller, secretary, 906 Ninth street, Milwaukee.

Springfield, Ill., September 29-October 7, 1911.—Illinois State Fair. J. K. Dickinson, secretary, Springfield.

St. Louis, Mo., November 7-11, 1911.—Fifth fall dahlia exhibition. West Central and Palmdale Horticultural Society, Coliseum, Jefferson and Washington avenues, Otto G. Koelke, secretary, 2224 Broadway, St. Louis.

St. Louis, Mo., November 7-11, 1911.—Annual exhibition. Chrysanthemum Society of America, in connection with the St. Louis Horticultural Society.

Stamford, Conn., November 3-4, 1911.—First annual exhibition. Westchester and Fairfield Horticultural Society, Casino, J. B. McCardie, secretary, Meritt building, Greenwich.

Tarrytown, N. Y., October 31-November 2, 1911.—Thirtieth annual exhibition. Tarrytown Horticultural Society, Music hall, E. W. Nebrand, secretary, Tarrytown.

Winnipeg, Man., September 1-3, 1911.—Flower show. Winnipeg Horticultural Society, W. J. Britton, secretary, 369 Maryland street, Winnipeg.

Worcester, Mass., November 9, 1911.—Chrysanthemum exhibition. Worcester County Horticultural Society, Industrial building, 18 Front street, Leonard C. Midgley, secretary, Worcester, Mass.

## Meetings Next Week.

Baltimore, Md., July 24, 8 p. m.—Gardeners' and Florists' Club of Baltimore. Florists' Exchange hall, St. Paul and Franklin streets.  
 Cleveland, O., July 24, 7:30 p. m.—Cleveland Florists' Club, Progress hall, 2810 Detroit avenue.  
 Hartford, Conn., July 26, 8 p. m.—Connecticut Horticultural Society, Country building.  
 Lake Forest, Ill., July 26, 8 p. m.—Horticultural Society of Lake Forest, Council Chamber, City hall.  
 Toledo, O., July 26.—Toledo Florists' Club.

## Wants, For Sale, Etc

## One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office, enclose 10 cents extra for cover postage, etc.

**Situation Wanted**—Gardener, German, 26 years old, wishes steady position in private place, experienced in landscape, greenhouse, vegetables etc.; best of references. Address  
 Key 469, care American Florist.

**Situation Wanted**—Practical gardener on private place; experienced in flowers, vegetables, fruits, greenhouse, shrubs and fowls; first class reference; ready Aug. 15, German single, age 40.  
 M. J. GINGRISH, Fairview III.  
 R. F. D. No. 1, care of A. Elinger.

**Situation Wanted**—By a middle aged German, first class grower of plants and cut flowers as working foreman or in section of operations, please state wages and particulars in first letter; no references will be sent; place near Chicago preferred. Key 470, care American Florist.

**Situation Wanted**—A young Dutchman, 22 with good references and a fair knowledge of the horticultural line, speaking English and German fluently, wants a situation in America, please apply to  
 JANSEN HENDRICKS, Buldgrower,  
 Heemstede, Haarlem, Holland.

**Situation Wanted**—An experienced German gardener, 26 years old, 15 years in this country, want a steady place by July 15, thoroughly versed in the growing of carnations, cyclamen, chrysanthemums and pot plants also in forcing and outdoor work; please state wages with offers.  
 FREDRICH JUNGE,  
 662 Diversey Blvd., Chicago, Ill.

**Situation Wanted**—Middle aged German gardener, propagator carnation grower, grower of flowers for the holidays and grower of ten good specialties for greenhouses, bedding plants and general greenhouse plants; perfect in nursery work and outside gardening; with good references; an independent; wishes situation in commercial or private garden. Address  
 Key 464, care American Florist.

**Help Wanted**—Six budders and six tyers; state experience and wages expected. Address  
 W. T. HOOD & Co., Richmond, Va.

**Help Wanted**—Experts for budding and grafting; applicant state salary required beginning about August 1.  
 ROYAL NURSERIES,  
 786 Granville St., Vancouver, B. C.

**Help Wanted**—At once, strong boy or young man as assistant in up-to-date carnation houses; must be willing to do all kind of work.  
 Key 472, care American Florist.

**Help Wanted**—10 live salesmen thoroughly acquainted with the florist, nursery and seed trade; must have A1 references; apply by letter only, stating qualifications in first communication.  
 Key 463, care American Florist.

**Help Wanted**—A young man who is thoroughly experienced in the retail florists' trade; a good permanent position to right man; references required. Apply, WRIGHTS FLORIST SHOP,  
 224 West Fourth St., Los Angeles, Calif.

**For Sale**—Four thousand feet of glass, three houses, very good; good chance for a young man with moderate means.  
 EDGAR EASTERDAY, Nokomis, Ill.

**For Sale**—Landscape gardening business in one of the best seashore resorts on the Jersey coast; good chance for a young man with moderate means.  
 B. TRONNEM, Wildwood N. J.

**For Sale**—Up-to-date greenhouse property; 3 acres, 3 nice houses, hot water heat, grand trade, in and out of city; population 8,500; big bargain if taken soon; must sell on account of ill health.  
 Key 473, care American Florist.

**For Sale or Rent**—An old established retail florist store in Chicago located on Wrightwood, Sheffield and Lincoln Aves. Greenhouse in connection. For further particulars call on or write  
 J. T. HELBOCK, 941 Wrightwood Ave., Chicago, Ill.

**For Sale**—The only greenhouse in Paulding County, Ohio; has exclusive trade in nine outside towns; two lots, two glass houses, hot water heating system, barn and wood six room cottage; owned by man 79 years old; will sell cheap; fine opportunity. Address  
 DONART & DONART, Paulding, Ohio.

**For Sale**—Genuine opportunity. Sacrifice: 41 years' established wholesale, retail general seed business—owner retiring; old age; \$40,000.00 annual business; \$10,000 next year's orders on hand; fine Iowa town; will take one-half cash, balance time, or trade for good farm; low rent; long lease.  
 CAMPBELL & CO.,  
 Fort Dearborn Bldg. Chicago, Ill.

**For Sale**—Sunrise Greenhouses for sale on account of ill health; one of the best in central Michigan; will sell for less than half what they cost; 11 greenhouses, over 20,000 feet of glass with three acres of land; all in running order in city of about 10,000 population, with best shipping facilities. Price, \$5,500.  
 JNO S. SCHLEIDER, Owosso, Mich.

**For Sale**—Two greenhouses, well stocked with Boston ferns and pot plants, one 20x125 feet and the other 6x20 feet; also a hot water boiler, three years old, and a large boiler in shed 20x24 feet; office 6x20 feet in connection; good location for retail trade; for further particulars call on or write.  
 AUG. KOEBELE,  
 4228 N. 40th Ave. Chicago, Ill.

## Wanted---Seedsmen

Who has had some experience in calling on country trade and capable of working in the house when road work is done. For months of the year road work balance of the time in the house.  
 Key 440, care American Florist.

## FOR SALE

## Furman Hot-Water Heater

4000 foot capacity; only used two years. Guaranteed in perfect condition. Address

R. C. COOK, Riverside, Ill.

## FOR SALE.

Three hot-water boilers, horse-shoe type, each capable of heating 6,000 square feet of 4-inch pipe; four years old; complete with front, grate bar and smoke box all good as new. Price on board car, \$200. 0-ach—Also one large Krossschell boiler 5x16 feet grate area 5x5 feet; boiler cost \$619.00 three years ago; will sell for half that price. Inquire or address

GEO. REINBERG, 162 N. Wabash Ave., Chicago.

## NEW YORK SALESMEN

We need men who are familiar with the greenhouse trade in and around New York. State age, experience and salary.

Address

## Boilers, of American Florist

## Wanted

Information from nurserymen or cut flower growers in the north where there is no Hay Fever, and where Peonies come in bloom in the middle of June or later. Object purchase; but there must be no Hay Fever. Want a place that can be made self-sustaining. Address  
 KENNICOTT BROS., 163 N. Wabash Ave., Chicago.

## NOTICE

—OF—

## STOCKHOLDERS MEETING

CHICAGO, July 13, 1911.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel Belvidere, Charles and Chase Streets, Baltimore, Md., Wednesday, August 16, 1911, at 3 o'clock p.m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.  
 M. BARKER, Sec'y.

## The Best Color Chart

For Florists, Seedsmen and Nurserymen.

ERFURT, GERMANY, May 9, 1911.

AMERICAN FLORIST Co., Chicago, U. S. A.

Dear Sirs:—If you have any copies left of the comparative color plate compiled by F. Schuyler Mathews, I shall be obliged if you will send me one, my copy having somehow got mislaid and I do not like to be without this excellent little production.

Yours truly,

ERNST BENARY.

Published and For Sale by the

American Florist Co.,

440 S. Dearborn Street,  
 CHICAGO.

Price One Dollar, Postpaid.



## Los Angeles, Calif.

## IMPORTANT BUSINESS CHANGE.

It was with considerable regret that the local trade here heard of the passing into other hands of the long established firm of Wolfskill Bros. For many years the name Wolfskill has been connected with all that was best in the business and many prominent men in the trade here and in other parts, are graduates from this firm. There is, however, one pleasing feature in the change and that is that our worthy friend Morris Goldenson succeeds to the business. Morris is one of the pillars of the trade here and will doubtless handle the increased business that will come to him from Wolfskill Bros.' customers to the best advantage. Mr. Goldenson has purchased the book debts of the firm and all the store fittings and utensils except the permanent fixtures, also the good will of the firm and will add these to his flourishing business on Third street. For some time the Wolfskill greenhouses have been leased by S. Watson and these are not included in the sale. Mr. Watson continuing to run them. The store on Fourth street has been leased to a talking machine agency and thus passes one of the brightest and best florists' windows in the city. All will wish Mr. Goldenson success in his new venture and it looked as though things were coming his way recently when 142 graduates of the Los Angeles high school invaded his store and each took a bouquet of Ulrich Brunner roses. "Johnny" Gordon, Goldenson's capable and hustling manager, is a busy man these days and it looks as though he will be still busier.

## NOTES.

During the few years that the Bauer Pottery Co. has been in business the proprietors have bought out the old Los Angeles pottery and several smaller concerns and now do a very large and constantly increasing business in the excellent pots they make. This firm is showing the local growers of the old school that good plants can be grown just as well in pots as in old tomato and kerosene cans. The clay used is good and the pots well burnt and porous and the firm deserves great credit for them.

At the Homer Laughlin place at East Hollywood, James Taylor the new superintendent is carrying out several important changes and these include a new lath house 112x160 feet, equipped with the Skinner watering system to be used for palm culture. Mr. Taylor is a Scotchman by birth and has learned his business thoroughly in his native land also in England, Ireland and in Cape Colony before coming to California.

H. R. R.

## Albany, N. Y.

At the July meeting of the Albany Florists' Club Louis Schaefer, chairman of the entertainment committee, reported that arrangements for the annual clambake were well under way and the tickets printed and ready for distribution. The bake will be held on September 3 at Shaffer's grove on the western turnpike. A programme of sports and amusements will be a feature. Fred Goldring was host for the club at the meeting and the occasion was the fourth visit to his fine place at Font Grove. The next meeting will be on the evening of August 3 at F. A. Danker's, Central avenue. The Florists' Club has received an invitation to attend a euchre party at the home of Fred and Mrs. Henkes, Newtonville, on the afternoon of July 29. The proceeds are for the benefit of St. Colman's Home for Orphans, Watervliet.

R. D.

# The President's Special

TO THE

Twenty-Seventh Convention

**S. A. F. & O. H.****Baltimore, Md.**

Will leave Chicago (Dearborn Station) at 11:30 p. m.  
Sunday, Aug. 13th, and arrive in Baltimore  
11 p. m. Monday, Aug. 14th,

VIA THE



**C. H. & D. Ry., B. & O. S. W. Ry.  
and B. & O. Ry.**

Daylight ride through the scenic West Virginia  
and Maryland Mountain Country and  
historic Potomac River.

Electric lighted Pullman Sleepers and Library  
Observation Car and Dining Car.

For reservations and information  
call on or address

## HERBERT WILEY

Gen. Agent Pass. Dept.,

104 So. Clark St.,

CHICAGO

Telephone Harrison 3309

# ANNOUNCEMENT!

---

---

We wish to announce to the trade that we will be open and ready to do business at our new store

**176 N. Michigan Avenue**

on **August 1**, at which time we will have a complete and full line of **CUT FLOWERS**. The local florists are cordially invited to call on us, inspect our stock and purchase whatever they may desire. Everything will be in readiness to receive telegraph and mail orders for shipments commencing that day. Our doors will open with stock from the **60 Growers** who comprise the Association.

We are mailing under special cover a letter in full detail which we trust will be carefully read by all. We hope that we may be favored with your esteemed patronage in the future.

**The Chicago Flower  
Growers' Association**

OTTO W. FRESE, General Manager

**176 N. Michigan Ave., CHICAGO**



# New Beauties

Fine large flowers on long stems with splendid foliage.

The Best In The Market.

Buy Direct of the Grower and Get Fresh Stock

We Grow all the Stock we Sell and Guarantee it to be Strictly Fresh.

## PRICE LIST

### AMERICAN BEAUTIES

|                  | Per doz.     |
|------------------|--------------|
| Extra long.....  | \$3 00       |
| 24-30-in.....    | 2 00         |
| 18 to 24-in..... | 1 50         |
| 12-in.....       | 1 00         |
| 8-in.....        | 75           |
| Short stems..... | Per 100 4 00 |

### Kaiserin, Rhea Reid, Maryland

|                         | Per 100        |
|-------------------------|----------------|
| Extra long select.....  | \$8 00         |
| Good Medium length..... | \$5 00 to 6 00 |
| Good Short.....         | 3 00 to 4 00   |

### Killarney, White Killarney, and Perle.

|                         | Per 100          |
|-------------------------|------------------|
| Extra long.....         | \$6 00 to \$8 00 |
| Good medium length..... | \$4 00 to 5 00   |
| Good short length.....  | 3 00             |

### CARNATIONS

|                                      | Per 100         |
|--------------------------------------|-----------------|
| Long O. P. Bassett.....              | \$3 00          |
| Long pink and white.....             | 3 00            |
| <b>HARRISII LILIES</b> .....per doz. | 1 50            |
| " ".....                             | \$8 00 to 10 00 |
| Lily of the Valley.....              | 3 00 to 4 00    |
| Gladioli.....                        | 6 00 to 10 00   |
| Adiantum.....                        | 1 00 to 1 50    |
| Asparagus Sprays.....                | 3 00 to 4 00    |
| Select Pink and White Peas.....      | 50 to 1 00      |
| Ferns, Eastern.....per 1000, \$1 50  | 20              |
| Galax, Green.....per 1000 1 25       | 15              |
| " Bronze.....per 1000 1 25           | 15              |
| Smilax.....per doz.                  | 2 00            |

Our Selection of Roses in lots of 500 at the rate of \$25 00 per 1000.

## BASSETT & WASHBURN,

Office and Store: 131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Illinois.

### Chicago.

#### GOOD STOCK VERY SCARCE.

A general shortage is the tale at all the wholesale stores, and with the exception of one or two the counters and refrigerators have an almost empty look. The retailer with much funeral work on hand has considerable difficulty in securing good stock to fill his orders. Roses and gladioli are the only flowers that are being received in any quantity and the roses are all sold out at an early hour. American Beauties are very scarce and selling at good prices. Other roses are coming in in small quantities and of varying quality. Lilies are being received in much shorter supply but both longiflorum and speciosum are on the market. The prices have, however, advanced, owing to the decreased cut. Water lilies are in fairly good supply and are extensively used. Asters are arriving in all kinds of condition, good, bad and worse, but not in any great quantities. The better grade are quickly picked up and sales are reported at \$4.00 to \$5.00 per hundred. Carnations are very few, on Saturday after 1 o'clock there was not a carnation to be obtained on the market. Gladioli are being received in good quantities and some magnificent blooms of Mrs. Francis King, America, Augusta and other select varieties are to be had. Sweet peas have been ruined by the continued hot weather and there are but few seen that are even of fair quality. Many of the wholesale houses have taken them off their list. Trade is not over active, and with the small amount of stock being received vacations, sports and the florists' picnic are the topics of interest discussed.

#### NOTES.

Otto Goerisch, with the A. L. Randall Co., is back from a Wisconsin and Michigan business trip. Eric Johnson

is again attending to his duties at the store after having had a most enjoyable visit in Wisconsin. Frank McCabe is now enjoying his vacation, having left Monday, July 17.

John Kruchten says that the gardenias at the Deerfield Nurseries are looking fine and that he expects to receive some large shipments of these flowers next month. Mr. Kruchten and wife returned from a brief visit in Milwaukee on July 17.

Fred Stollery is planning on attending the convention at Baltimore and visiting a brother in New Jersey. At present he is busy making repairs on his greenhouses. Joe Loebick, one of his valued employees, is visiting friends in Indiana.

Walter Scott, manager of the La Grange Seed & Floral Co., is shipping Poehman Bros. Co. some Mrs. Francis King gladioli with stems four feet long. The flowers are exceptionally fine and are of unsurpassed quality.

Miss K. N. Cooper, who so successfully managed the Aurburndale Goldfish Co.'s business, received a very complimentary write-up in a recent issue of the Illinois Statesman, a weekly magazine.

Miss Mary Misiewicz, daughter of the Milwaukee avenue florist, who recently underwent an operation for appendicitis at St. Elizabeth's hospital, is improving and will soon be able to be about.

Robert Northam, George Reinberg's store man, is enjoying a well-earned vacation at White Lake, Mich. Wait until Bob returns and we will hear some more fish stories.

The Athenian Floral Co., which recently opened a store on Van Buren street, is figuring on making further improvements and will commence operations soon.

Bassett & Washburn had a very busy day on July 15 when they filled twelve

pages of orders. E. O. Anderson, one of the employees, is away on his vacation.

The Black Gem Coal & Coke Co. under the management of M. A. Rolfe are doing an extensive and successful greenhouse coal business this year.

Curtis Kinder of the Radelin Basket Co. is planning to visit the firm's factories in Ebersdorf, Germany, and will leave some time in November.

President Asmus of the Society of American Florists says that this city will be represented by a large delegation at the Baltimore convention.

It is rumored that Stollery & Moore, the Evanston avenue florists, have dissolved partnership.

Joseph Foerster says that some of Kyle & Foerster's asters are bringing as high as four and five dollars a hundred.

Mrs. Kreiger has returned from her vacation in northern Wisconsin and is again on duty at the Canger & Gormley store.

M. Wolniewicz, 3301 North Claremont avenue, is spending his vacation in Wisconsin and Michigan.

Anthony Einweck of E. H. Hunt's has returned from a two weeks' visit in Worthington, Ia.

Thos. Fogarty and Ed. Enders are away on their vacation. No, they didn't go together.

Ernest Farley of the J. B. Deamud Co. is renewing old acquaintances in Indianapolis, Ind.

Ed. Armstrong is doing A. Lange's buying while his employer is away on his vacation.

Charles Drissler, one of Wietor Bros.' valued employees, is summing at Clear Lake, Wis.

Joseph Ziska Jr. left July 15 for a week's visit at Oxford Junction, Ia.

Miss Martha Gunterberg returned July 17 from Fenville, Mich.

# Poehlmann Bros. Co.

32-34-36 E. Randolph St., Long Distance Phone Randolph 35 CHICAGO, ILL.

## — Use Poehlmann's Fancy Valley —

Current Price List. — Subject to change without notice.

| AMERICAN BEAUTIES    | Per Doz.                        |
|----------------------|---------------------------------|
| Long, specials ..... | \$3 00                          |
| 30-inch .....        | 2 50                            |
| 24-inch .....        | 2 00                            |
| 18 to 20-inch .....  | 1 50                            |
| Short.....           | Per 100, \$1 00, \$6 00, \$8 00 |

| KILLARNEY, Special..... | Per 100        |
|-------------------------|----------------|
| Fancy.....              | \$10 00        |
| Medium.....             | 8 00           |
| Short.....              | \$4 00 to 6 00 |
|                         | 2 00 to 3 00   |

| RICHMOND, Special..... | 10 00          |
|------------------------|----------------|
| Fancy.....             | 8 00           |
| Medium.....            | \$4 00 to 6 00 |
| Short.....             | 2 00 to 3 00   |

| WHITE KILLARNEY, Special..... | 10 00          |
|-------------------------------|----------------|
| Fancy.....                    | 8 00           |
| Medium.....                   | \$4 00 to 6 00 |
| Short.....                    | 2 00 to 3 00   |

| MY MARYLAND, Special..... | Per 100        |
|---------------------------|----------------|
| Fancy.....                | \$10 00        |
| Medium.....               | 8 00           |
| Short.....                | \$4 00 to 6 00 |
|                           | 2 00 to 3 00   |

Cattleyas..... per doz., \$1 00 to \$6 00

| CARNATION, Special.....  | Per 100 |
|--------------------------|---------|
| Fancy white and red..... | 3 00    |
| Fancy.....               | 2 00    |

Harrisii Lilies..... per doz., \$2 00 15 00

Valley..... \$3 00 to 4 00

Daisies Shasta..... 1 50 to 2 00

Plumossus Sprays, Sprenger..... 3 00 to 4 00

Plumossus Strings, extra long..... per string, 60c

Galax..... per 100, \$1 25

Ferns..... per 1000, 1 50

Adiantum Croomanum..... per 100, 1 00

Gladioli..... \$8 00 to 10 00

Water Lilies..... 1 00 to 2 00

**POEHLMANN'S FANCY VALLEY** } We make these a specialty.  
**EXTRA FINE HARRISII LILIES** } Can supply them all the Year  
 Once tried you will have no other

E. E. Peiser has practically turned over the management of Kennicott Bros. Co.'s business to Michael Fink and N. P. Miller and will follow the advice of his physician and have as little to do with business affairs as possible. Messrs. Fink and Miller will prove equal to the task as both have had many years of experience on this market and are well known to the trade. Mr. Fink says that C. H. Ketcham's stock at South Haven, Mich., was in the best of condition when he was over there last week and also that Fisher Bros.' new store, which is under construction at Kalamazoo, will be a beauty. They are now receiving some very fine gladioli, a pure white which was labeled Reine d'Anjou, being exceptionally beautiful.

The H. A. Fisher Co. of Kalamazoo, Mich., owing to increased business, has found it necessary to incorporate. The new corporation is capitalized at \$10,000, the incorporators being Harry A. Fisher, George Fisher and Hermann Fisher. H. A. Fisher started the business in 1905, moving from Chicago, and the trade has increased rapidly. The store in the New Burdick hotel will be finished in white enamel and Italian marble and will be one of the finest in the state. Mr. Fisher has three brothers associated with him, George, who looks after the buying in Chicago, Hermann and Norris.

The Superior Machine and Boiler Works have secured orders for boilers from four local vegetable growers this week, namely, Joseph Zimmer, North California avenue; Joseph Jaeger and Mrs. Wm. Jaeger, Ridge avenue, and Nick Bach, Western avenue. Peter Weiler of this enterprising concern says that the fish that N. J. Wieter shipped him while he was away on his vacation were fine, "the best he never ate." Vaughan & Sperry's chief offerings this week are a splendid grade of America and Augusta gladioli. The

senior member of this concern says he was fortunate in receiving consignments of these flowers from a grower who had prepared himself with the Skinner system of watering.

H. Van Gelder of Percy Jones, who has been seriously ill for the past week, is feeling much better and an early recovery is hoped for. He is anxiously awaiting the time when he will again be able to be at the store where his presence is so much needed.

Chas. W. McKellar was absent from the store more or less this week while he was superintending the addition to his residence on East Ontario street. Henry Cohn is enjoying his vacation by making frequent trips across the lake.

Richard Rolston, formerly connected with J. F. Kidwell & Bro., will take charge of O. J. Friedman's new store, which will open August 1, 1911, at 63 West Congress street and to be known as the Western Floral Company.

The A. Dietrich Co., 2442 Sheffield avenue, are busily engaged filling many local orders, one of which is the new greenhouse for John Schoepfle at 933 Belmont avenue. The contract calls for a house 24x60 feet.

The Chicago Pump Co., 1053-55 Fulton street, has found it necessary to install a second telephone to take care of their rapidly increasing business. The number of the new phone is Haymarket 3911.

The stork paid a visit recently to the home of G. W. and Mrs. French at Morton Grove and left a bouncing baby boy. Mr. French is foreman of the carnation section of the Poehlmann Bros. Co.

R. E. Schiller is off on a vacation to Sioux Falls, Neb., while Herman is preparing for a two weeks' trip to Sister Lakes, Mich., whence he expects to leave for the convention next month.

Louis Winterson will leave on his vacation as soon as some of the E. F.

"The Busiest House in Chicago."

## J.B. DEAMUDCO.

160 N. Wabash Ave., CHICAGO.

Long Distance Phone, Central 3155.

Winterson Co.'s employes return. A. E. Benesh of the supply department left July 17 to enjoy a well-earned rest.

Mrs. Fred Struvy, who intends to try her hand at fruit growing in southern California, will dispose of her property at 1515 Clybourn avenue at the first opportunity.

A local retail concern is advertising in the programme of a popular resort \$1 boxes containing two and one-half dozen fresh roses "good enough for anybody."

Fred Krell had a very busy season at Larrabee and North avenue, and says the fishing at Lake Elcock, Wis., is good enough for him at present.

Geo. Goebel, the popular representative for the Adams Express Co., expects to leave this week for an outing at Big Sand Lake, Wis.

The Railway Gardening Association committee of arrangements will meet with the local committee at Vaughan's Seed Store July 24.

R. C. Whitsett, president of the R. C. Whitsett Coal & Mining Co., reports a 50 per cent gain in business over that of last year.

Poehlmann Bros. Co. are receiving a good supply of roses and with the exception of American Beauties are filling all orders.

Frank Ayers has received word that his mother is seriously ill and will leave soon for her home at Paris, Texas.

O. P. Bassett and wife have returned to their home in Pasadena, Calif.



# FULL CROP OF ROSES

**We Are Now Cutting WHITE and PINK KILLARNEYS  
of Extra Fine Quality**

**CURRENT PRICE LIST**—Subject to change without notice.

## BEAUTIES

|                   | Per doz. |
|-------------------|----------|
| Extra Select..... | \$3 00   |
| 36-inch stem..... | 2 50     |
| 30-inch stem..... | 2 00     |
| 24-inch stem..... | 1 75     |
| 20-inch stem..... | 1 50     |
| 16-inch stem..... | 1 25     |
| 12-inch stem..... | 1 00     |
| Short stem.....   | 75       |

|                              | Per 100         |
|------------------------------|-----------------|
| Killarney, select.....       | \$ 6 00         |
| "    medium.....             | \$ 3 00 to 4 00 |
| White Killarney, select..... | 6 00            |
| "    medium.....             | 3 00 to 4 00    |

|                                     | Per 100      |
|-------------------------------------|--------------|
| Richmond, select.....               | 6 00 to 8 00 |
| "    medium.....                    | 3 00 to 4 00 |
| Carnations, fancy.....              | 2 00         |
| "    good.....                      | 1 00 to 1 50 |
| Easter Lillies, medium.....         | 10 00        |
| "    long.....                      | 12 00        |
| Sweet Peas.....                     | 50 to 1 00   |
| Valley.....                         | 3 00 to 4 00 |
| Ferns.....                          | 1 50         |
| Sprengerl and Asparagus Sprays..... | 50           |

All Green Goods at market rates.

**ROSES, our selection, - \$3.00 per 100**

**WIETOR BROS., 162 N. Wabash Ave., Chicago**

The annual picnic of the Florists' Club will be held at Ehrhardt's grove, Park Ridge, July 23. Trains will leave on the Northwestern Railroad at 11 a. m. and 12:45 p. m. Tickets, including transportation both ways and admission to the grove, are 50 cents each and are now on sale at the wholesale commission houses. A liberal appropriation has been made for prizes in the various picnic events. "Bring your own bread and butter," etc.

Philip L. McKee and N. J. Rupp, of the John C. Moninger Co., are in Milwaukee again this week presenting their firm's claims for a new classification of greenhouse construction material, which if adopted, will lower the freights and benefit builders and growers alike. A private hearing was set for Thursday, July 20, the outcome of which will appear later.

John Schoepfle, who had a very prosperous year, is now tearing down his greenhouse on the east side of the street to make room for the new Lake View postoffice. He has placed a contract with A. Dietrich & Co. for another greenhouse 24x60 feet.

Emile Danz reports a very prosperous season and is now busy renovating his place. He has contracted for a new store front and a large electric sign. After these alterations are made he will leave for Mt. Clemens, Mich., on his vacation.

Louis Gresenz is kept busy with funeral work of late, and reports a very profitable season. He is now figuring on putting in a large up-to-date ice box which his rapidly increasing trade demands.

D. A. Robertson, with the Ernst Wienhoeber Co., and wife, left for Detroit July 13, where they will spend a few days with friends and proceed to Toronto on a brief vacation.

The Belmont Floral Co. under the management of Mrs. Gillam, has had a very good year. She is now preparing for a two weeks' sojourn at Lake Macatawa, Mich.

Fred Fischer is spending these hot days on week-end auto trips to Crystal Lake, Ill., but expects to wind up with a tour through Indiana.

Mrs. Malcher, who has had a strenuous season, is now seeking rest and

Headquarters for **ORCHIDS** and all Fancy Stock  
**CHAS. W. McKELLAR,**

**162 N. Wabash Avenue, CHICAGO.**

*Mention the American Florist when writing*

pleasure in the wilds of Columbus, Neb.

Adolph Malchow, who has been very ill this spring, is now recuperating in the arms of nature at Grandmound, Ia. Phil Foley is in St. Louis this week. Visitors: A. J. Graves, Bloomington; Carl Meier, Green Bay, Wis.; Ralph A. Latham and O. H. Carlson, Minneapolis, Minn.

## Indianapolis.

TRADE GOOD. STOCK SCARCE.

During the past week the demand for flowers has been good, but the supply has been inadequate. Carnations are of very poor quality and are very scarce and asters are not as plentiful as they should be. The wholesale market has been deprived of good asters in several instances by the neglect of the growers in taking care of their young plants earlier in the season. Gladioli are plentiful but of poor quality and consequently do not bring the prices that they usually do. If it were not for the good roses that are obtainable locally, the retailer would have very little to offer. All this scarcity of good cut flowers may be directly held to the hot dry weather that prevailed here for several weeks in the past. At present writing the temperature has dropped ten or fifteen degrees and has thereby relieved much suffering to humanity, but has not helped plant life much. The damage seems to be beyond repair to the out-of-door flowers.

NOTES.

Bertermann Bros. Co. will have its new Premier delivery automobile in commission next week. This machine was especially built for them and no doubt will surpass anything in the city.

A new greenhouse has been erected at the Indianapolis water works in place of the old one which has been in use for the past thirty years or more.

The firm of A. Wiegand & Sons is replacing some of its old conservatories with up-to-date ones. They are negotiating for a new pleasure car.

A new retail store has been opened on Virginia avenue near Fountain square, taking its name from the locality.

The annual florists' picnic is to be held on July 20 at Fairview park. Elaborate arrangements have been made by the committee.

Herman Junge has been appointed assistant superintendent of the floral exhibit at the coming state fair.

Adolph Bauer has taken his brother-in-law, A. F. Steinkamp, into partnership.

Karl Sonnenschmidt has just bought a fierce imported bulldog.

John Heidenreich and family are touring Germany.

A. W. B.

## Grand Island, Neb.

E. Williams is remodeling his greenhouse plant this summer, tearing down the smaller houses and rebuilding two larger ones, 16x85 feet and 24x116 feet. Trade is reported as good, the best season he ever had, and with all the dry weather stock is in pretty fair shape.

C. H. Green and wife of Fremont were recent visitors. He is rebuilding and installing a larger boiler.

The Nebraska florists are planning for a good display at the State Fair this fall. The Nebraska Horticultural Society will hold a meeting at the same time as most of the members are attending the fair.

E. W.

# BEAUTIES

**A Large Supply-Extra Fine Stock**

**Send Your Orders Direct to the Grower and They Will Be Taken Care of**

## PRICE LIST:

### AMERICAN BEAUTIES

|                       | Per doz.     |
|-----------------------|--------------|
| Extra long stems..... | \$3 00       |
| 36 inch stems.....    | 2 50         |
| 30 inch stems.....    | 2 00         |
| 24 inch stems.....    | 1 75         |
| 20 inch stems.....    | 1 50         |
| 15 inch stems.....    | 1 25         |
| 12 inch stems.....    | .75c to 1 00 |
| Short stems.....      | 50           |

Per 100

|                      |                               |
|----------------------|-------------------------------|
| Richmond.....        |                               |
| Killarney.....       | Select..... \$6 00 to \$ 8 00 |
| White Killarney..... | Medium..... 4 00 to 5 00      |
| My Maryland.....     |                               |
| Mrs. Field.....      |                               |
| Uncle John.....      | Select..... 6 00 to 8 00      |
| Bride.....           | Medium..... 4 00 to 5 00      |

|                           |                                 |
|---------------------------|---------------------------------|
| Ivory.....                | } Select..... \$6 00 to \$ 8 00 |
| Sunrise.....              |                                 |
| Perle.....                | } Medium..... 4 00 to 5 00      |
| Roses, our selection..... |                                 |

Per 100

|                        |      |
|------------------------|------|
| Carnations, fancy..... | 2 00 |
| “ good.....            | 1 50 |

|                           |              |
|---------------------------|--------------|
| Harrisil.....             | 12 00        |
| Valley.....               | 3 00 to 4 00 |
| Adiantum.....             | 1 00         |
| Asparagus, per bunch..... | 50           |
| Ferns, per 1000.....      | 1 50         |

**2,000,000 FEET OF MODERN GLASS.**

# Peter Reinberg,

**New No. 30 E. Randolph St., CHICAGO.**

### St. Louis.

#### TRADE SLOW.

The weather has been slightly cooler, but trade is slow, funeral work being the only outlet. Good stock of all kinds is very scarce, carnations being very poor. Sweet peas are poor and about over. Some good lilies and good colored American Beauties are seen. Gladioli are selling fairly well and tuberoses are just beginning to come in. Many of the funeral bunches are made of a variety of flowers.

#### NOTES.

The St. Louis Florists' Club held its monthly meeting July 13 with 35 members present. President Cannon in the chair. The following were nominated for the respective offices: For president, A. J. Windler; for vice-president, C. E. De Weaver, Frank Venemann; for secretary, J. J. Beneke; for treasurer, W. C. Smith; for trustee, three-year term, J. F. Ammann, F. H. Weber, one-year term, C. C. Sanders, W. C. Young. A communication was read from the Retail Association, inviting the club to endeavor to obtain legislation in regard to crepe pullers. It being rumored that the St. Louis Horticultural Society would also take up this matter.

F. H. Weber, vice-president of the S. A. F. for Missouri, 350 North Boyle avenue, has charge of all transportation arrangements to the convention.

Al Gumz, with Geo. Angermueller, has been taking his vacation this week, but will be on hand at the picnic to take charge of the games.

Bassett & Washburn of Chicago are shipping fine lilies and American Beauties of good color to this market.

Bert Helie, with the Routledge Seed & Floral Co. of Portland, Ore., was a visitor.

Frank Gorly, of the firm of Grimm & Gorly, will attend the S. A. F. convention after August 1.

Alex Siegel has been indisposed all week. W. F.

### Cincinnati.

#### A FAMINE OF FLOWERS.

There is a positive famine of flowers in this market. Every day the wholesalers must turn down large orders both from local people and from outside of the city. The reason for this appears to be in the fact that asters and gladioli seem to be slower in coming in than in past summers. Those that do come in realize top prices and sell readily. Their quality is as a whole very satisfactory. The only fault to find is the lack of quantity. Easter lilies, in fair supply, have helped splendidly to relieve the scarcity in the market. They have advanced slightly in price. The rose supply is short of the call for this line. The growers are all drying down

the old stock or replanting, while the summer roses are somewhat off crop. Some hardy phlox arriving help somewhat. This above list about completes the flowers offered in any quantity at all. The green goods line is adequate for all requirements. Fancy ferns are excellent, while greens from the south are generally arriving in good shape. The market wants flowers and lots of them.

#### NOTES.

J. M. McCullough's Sons Co. had on exhibition in their seed department a choice and large assortment of hardy phlox that made a very pretty appearance.

Mrs. P. J. Olinger and family are spending the summer with relatives at Evanston, Ill.

E. G. Gillett is summering, while in town, at a cottage above Coney Island. H.

WALLINGFORD, CONN.—The Rowden & Mitchell Co. are making extensive alterations to their greenhouses. The older houses have been taken down and rebuilt and new houses with concrete foundations erected.

MONTREAL, QUE.—The annual exhibition of the Montreal Horticultural Society and the Fruit Growers' Association will be held in Victoria Rides' armory Sept. 6-7. The schedule of prizes is being distributed by Secretary A. J. Boyle.



# We Are Headquarters For Good America **GLADIOLI** Augusta

**Also good Beauties, Roses, Sweet Peas,  
Valley and Carnations.**

and are prepared to fill your orders at all times. Write for prices.

## VAUGHAN & SPERRY

Long Distance Phone  
Central 2751.

**161 N. Wabash Ave., CHICAGO.**

### Baltimore.

#### TRADE QUIET AND STOCK POOR.

Trade is very quiet, the business for last week being extremely slow. The torrid weather still hangs on, and everything is drying up. The supply of stock coming in is not up to the usual standard and is poor in quality. Sweet peas are the leaders, there are a few roses and carnations, they are small, both in size and supply. Lilies are still on the market, and a few asters are coming in, but are rather scarce, and the flowers small, but they find ready sale. Coreopsis is in good supply and greens are more plentiful and have a good call. Considering the warm weather and drought, outside stock is fairly good, carnations are holding up extremely well, but so many plants were damaged in the storm that there is a good demand for stock which is scarce. Chrysanthemum stock is also very short and growers are finding it difficult to obtain plants for the benches. There is still a demand for bedding stock owing to so much replanting. Ferns are having a good call.

#### CLUB MEETING.

The Gardeners' and Florists' Club held a meeting July 10, which was largely attended notwithstanding the intense hot weather. President Graham occupied the chair and after the routine business was transacted the discussion was upon the arrangements for the coming convention. The arrangements are nearly completed and it was the general opinion that this would be one of the greatest conventions in the history of the S. A. F.

#### NOTES.

Mack Richmond desires that all exhibitors should send their orders to him for signs, as all these are to be uniform and no others will be allowed. He reports the exhibition space as selling fast but a limited quantity remaining unsold.

The hot weather has interfered with the reglazing the houses damaged by the hail storm, it becoming so hot that work had to be stopped, but the growers are making good headway and by fall will have everything in readiness.

Two large banners 10x20 feet announcing the convention have been hung over the principal street. Visitors will meet with a genuine southern welcome, and all latch strings will be out.

Vacations are in order at the stores, many are now out of town. They got away so as to be back and take part in the coming convention. J. L. T.

### Buffalo.

#### STOCK GETTING POORER.

The summer stock has been getting poorer, suffering for want of what we got last night, a grand rain that has gone down about three feet into the ground. Trade has been as good as could be expected for July, funeral work comprising about all there was. Liliun rubrum are coming in fine and are our best flower. Sweet peas have dwindled down to almost no stem and inferior flowers. Asters have made their appearance and of fair quality. Gladioli in red are coming in now.

#### NOTES.

A pleasing event the past week was the reunion of the Forbach family, of which Conrad Forbach of Pine Ridge is one. Two sisters and one brother beside Conrad and another brother in Germany, who paid a visit to the sisters and brothers in Buffalo. They were left orphans when very young and given over to different families to bring up. Each learned a trade or profession and have all been successful. It is very gratifying to have one like "Coonie," as we call him, with us and making the success that he is at Pine Ridge.

Another wedding among the florists. John L. Kramer, who is associated with his father on Chippewa Market, was married last Wednesday to Miss Emma Darmstadter of Emslie street. After an extended wedding trip they will be at home to their many friends at 317 Landon street. Congratulations from the craft to the newlyweds.

W. F. Kasting has returned from Milwaukee where he headed the Orpheus Singing Society as their president. We were all sorry to hear of Wallace Eliss' withdrawal from the W. F. Kasting Co. to engage in other business. John Jerome of this firm is in Port Huron on his vacation.

Robert C. Avery of West Seneca, or Limestone Hill as it is better known, reports a larger business than ever and also that he has erected a new store and office at his place. It is constructed of concrete blocks; a large glass front gives it a very pretty appearance.

There was no meeting of the Florists' Club last week owing to the extreme heat. BISON.

### Stamford Horticulturists.

The regular meeting of the Westchester and Fairfield Horticultural Society was held July 14 at Royal Arcanum hall, Stamford, Conn., President Stuart occupying the chair with all the

officers and 75 members present. Two life, three honorary and nine active members were elected to membership and 10 propositions received. There are now 150 members. The executive committee reported that arrangements were completed for the first annual outing and games at Bonnie Brae Inn, New Rochelle, N. Y., July 26. The contests and games start at 10:30 a. m. and dinner will be served on the lawn at 2 p. m. The committees have arranged for everything possible to make the affair most enjoyable for all. There will be contests and games (prizes for all events), music and colored quartette and Bonnie Brae famous dinner. Tickets \$2.00. Be sure and come and bring your friends, other friends of yours will be there.

The exhibits at the meeting were of very fine quality. The awards of the judges were as follows:

Honorable mention to Jas. Stuart for *Achimenes coelestinum*; Geo. Woundy for *Dendrobium nobile*; A. Peterson for display of sweet peas; P. W. Popp for *Lilium auratum* and sweet peas; Chas. Adcock for *Tomato Ponderosa*. Highly commended: Alex. Geddes for mushroom *Heisteria* King; A. Patterson for collection of sweet peas in varieties. Vote of thanks to A. S. Pederson for *Hydrangea arborescens alba grandiflora*. The exhibitors gave short talks and answered questions regarding the culture of their exhibits. This is one of the interesting features of our largely attended meetings.

It is hoped that all the members and their friends will be at the first annual outing and help make the occasion one long to be remembered.

J. B. MCARDLE, Sec'y.

ROSSVILLE, N. Y.—Carl Dicte is erecting a Queen Anne cottage at a cost of \$2,000.

NORTH ADAMS, MASS.—A. J. Boothman at North Summer street is improving his greenhouse property.

BAYONNE, N. J.—G. F. Ripp has taken a few days from business cares and is at Johnstown, Pa., where his wife and daughter are staying for the summer.

WATERTOWN, N. Y.—A grass fire in the Arsenal street cemetery, on July 5, is believed to have been started by the sun heating a piece of tinfoil until it ignited the dry grass.

MUNCIE, IND.—Articles of incorporation have been filed by the Muncie Floral Co. with a capital stock of \$2,000. The directors are Louis and Zora M. King and W. H. Fisher.

# Cut Flowers E. H. HUNT

FOR ALL OCCASIONS.  
FLORISTS' SUPPLIES TOO.

— SEND FOR PRICE LIST. —  
131 N. Wabash Ave., CHICAGO

## E. C. AMLING CO.

THE LARGEST,  
BEST EQUIPPED,  
MOST CENTRALLY LOCATED  
WHOLESALE  
CUT FLOWER HOUSE  
IN CHICAGO.

68-70 E. RANDOLPH STREET,  
CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Mention the American Florist when writing

## HOERBER BROS.

Wholesale Growers of Cut Flowers,

Telephone Randolph 2758.

Greenhouses DES PLAINES, ILL.

Store, 162 N. Wabash Avenue CHICAGO

New Orleans.

Business just now is at a standstill. The exodus of our summer tourists is now about complete and there is hardly anything for the florist to do except a few wedding and funeral orders. The prospects for a brisk fall and winter trade are very bright and the florists are now busy making preparations, to increase their stock in trade. The chrysanthemum crop has suffered very much for the last two months and if it keeps up the crop will fall far short of last year.

### HORTICULTURAL SOCIETY OUTING.

On Wednesday, July 12, the New Orleans Horticultural Society held its annual outing at Mandeville this year and spent a most delightful day, at Mugnier's hotel, where a most delightful dinner was served, and about 40 members and guests participated. President R. Eichling decorated the tables with roses, tuberose and asters and a quantity of Asparagus plumosus and Sprengerii. Secretary Panter acted as toastmaster and called on Superintendent Baker of the New Orleans Parking Commission, who told about the labors of the florists in general and concluded with the reading of the annexed original poem:

He was followed by President R. Eichling, who for the society said that the organization has always been a premier factor in the advancement of New Orleans, especially in making the metropolis of the south the beauty spot of the far end of this great republic. C. R. Panter voiced his hearty welcome to the guests and said that the programme of speeches had to be curtailed, because of an impromptu arrangement to take a run to Covington on the electric car line. At the conclusion of the dinner the members boarded the train for Covington and returned in time for the departure for the city on the steamer Louis Dolive, whose commander, Captain Ed. Bordeaux, was very attentive to the wants of his passengers.

## J. A. BUDLONG

82-86 East Randolph Street, CHICAGO.

ROSES, VALLEY  
and CARNATIONS  
A Specialty.....

WHOLESALE  
GROWER OF

## CUT FLOWERS

### Wholesale Flower Markets

| CHICAGO, July 19.               | Per doz.    |
|---------------------------------|-------------|
| Roses, Beauty, specials.....    | 3 00        |
| " " 30-in.....                  | 2 50        |
| " " 24-in.....                  | 2 00        |
| " " 18 to 20-in.....            | 1 50        |
| " Shortstem.....                | 50¢         |
| " Killarney.....                | 3 00@ 10 00 |
| " White Killarney.....          | 3 00@ 10 00 |
| " Richmond.....                 | 3 00@ 10 00 |
| " My Maryland.....              | 3 00@ 10 00 |
| " Kaiserin.....                 | 3 00@ 6 00  |
| " Bride.....                    | 3 00@ 8 00  |
| " Bridemaid.....                | 3 00@ 8 00  |
| " Rhea Reid.....                | 3 00@ 8 00  |
| Carnations.....                 | 1 50@ 3 00  |
| Gladiolus..... per doz.         | 1 00@ 1 50  |
| Harrisii..... per doz.          | 50¢         |
| Sweet Peas.....                 | 3 00@ 4 00  |
| Valley.....                     | 3 00@ 4 00  |
| Adiantum Croweanum.....         | 1 00        |
| Ferns..... per 1000             | 1 50        |
| Galax.....                      | 1 25        |
| Leucothea.....                  | 75          |
| Plumosus String..... each       | 60          |
| Smilax..... per doz.            | 2 00@ 3 00  |
| Sprengeri, Plumosus Sprays..... | 3 00@ 4 00  |

### Work and Rest.

The gardener's life is a busy one,  
If you want to prove it watch him;  
He's on the go from morn to night,  
You will find it hard to "catch" him.

He starts in the morning before the sun,  
For it's always his busy day;  
At noon he belts his lunch on the run,  
For that's the gardener's way.

He spades and weeds and hoes and digs  
As much as any two men;  
Yet he's not content when the day is spent,  
If he can't show the work of three men.

And thus with all his labor and toil,  
He ought to be crowned with success;  
But you know, when it comes to growing plants,  
The outcome one never can guess.

These dear little things have a way of their own,  
You can study them through and through,  
And just as you think they're come to their  
prime,  
They bid you a kindly adieu;

For each takes its turn to give us concern,  
As every gardener knows;  
When his crop is just right, in one night comes  
a blight,  
And it turns up its sweet little toes.

The roses get spot, the lily bulbs rot,  
Carnations don't do as they "oughter,"  
Chrysanthemums go in a way that's not slow,  
Because they've had too much water.

Then the flies and the bugs, with some fungus  
and slugs,  
Do their share in the general flurry  
To keep him awake, till he hollers, "Great  
snake!"  
There's no end to a gardener's worry!"

But you can't keep him down, for the sun's  
burnt him brown,  
So, he makes a fresh start without fear;  
And who shall say nay, if he lightens the way  
With an occasional glass of beer?

Now, take all the clan; each one is a man  
Whose hand I clasp as no other,  
For way down through, his heart is true  
As that of a great big brother.

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12 o'clock (noon) Saturdays & Sundays.

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1324 Pine Street, ST. LOUIS, MO.

Boston.

A VARIABLE MARKET.

Now you see it and now you don't—that seems to be the way of the flower business. The law of supply and demand in every business regulates prices. A week ago trade was off. Saturday seems to be the best day in Boston. Last Saturday was a record good day for July. Carnations are in the last ditch. They have put up a grand struggle, but prostration assisted by red spiders have brought them almost to their finish. Some were sold Saturday that would have been thrown away at other times. In fact, the growers would have been ashamed to have owned them, but they sold and sold without protest. Sweet peas are very poor. What are coming in are short stemmed and lack the vitality of former days. All indications point to a scarcity of flowers for August. Roses are in short crop and some Brides were sold in the market cut from young plants that were just like little buttons. The longest stemmed rose now is the Radiance, which seems to revel in hot weather. Killarneys from both young and old plants have that tired looking feeling, but they are flowers and are picked up. How long these conditions will last depends a good deal on the weather, which has been very hard on them. Candytuft from outside is being sold with roots attached; probably the grower wishes to give as much value as possible. The wholesalers are happy and unhappy; they have plenty of orders, but in most cases they have not the quality of goods that the customers require. Uneasy lies the head that wears a crown, but the same ought to apply to the wholesaler who is placed in the above position. They talk about divinity hedging a king, but there is no such thing as a hedge among the wholesalers. With a customer on the other end of the line who does not understand the market conditions, there is no divinity, but a choice collection of cuss words moulded in up-to-date form. Be easy, gentlemen; remember excitement is bad in hot weather and excitement in any weather is not good. The extreme heat has left us and the weather is now quite bearable. Where is the professor who in January prophesied that we were in the wet cycle for ten years? Now we are told the hot dry weather is being caused by comets. Will some philosopher arise and tell us the unvarnished truth? The hot weather has made a good many candidates for the Ananias Club and the end is not yet. During the hot spell coal went up 25 cents a ton; some of the Wall street

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| BOSTON, July 19.               | Per 100     |
|--------------------------------|-------------|
| Roses Beauty best .....        | 25 00/25 00 |
| " medium .....                 | 15 00/25 00 |
| " culls .....                  | 2 00/2 4 00 |
| " Bride Bridesmaid .....       | 2 00/2 4 00 |
| " Extra .....                  | 4 00/2 8 00 |
| " Killarney and Richmond ..... | 2 00/2 8 00 |
| " My Maryland .....            | 2 00/2 8 00 |
| " Carnot .....                 | 2 00/2 8 00 |
| Carnations, select .....       | 1 00/2 2 00 |
| " fancy .....                  | 2 00/2 3 00 |
| Callas .....                   | 8 00/12 00  |
| Cattleyas .....                | 25 00/25 00 |
| Gardenias .....                | 6 00/12 00  |
| Lilium Longiflorum .....       | 5 00/10 00  |
| Lily of the Valley .....       | 2 00/2 4 00 |
| Smilax .....                   | 12 00/16 00 |

| MILWAUKEE, July 19.              |             |
|----------------------------------|-------------|
| Roses, Beauty, per doz., 75¢     | 3 00        |
| " Killarney .....                | 3 00/2 8 00 |
| " Kaiserin .....                 | 3 00/2 8 00 |
| Carnations .....                 | 1 00/2 3 00 |
| Daisies .....                    | 50¢         |
| Gaillardia .....                 | 50          |
| Lilium Giganteum, per doz., 1 50 |             |
| Lily of the Valley .....         | 3 00        |
| Snappdross .....                 | 50          |
| Swansons .....                   | 50          |
| Sweet Peas .....                 | 50          |
| Adiantum .....                   | 1 50        |
| Asparagus .....                  | 50          |
| " Sprenger per bunch ..          | 25          |
| Boxwood .....                    | 25          |
| Ferns, Fancy .....               | 1 50        |
| Smilax .....                     | 2 50        |

| ST. LOUIS, July 19.             |             |
|---------------------------------|-------------|
| Roses, Beauty, long stems ..... | 20 00/25 00 |
| " short stems .....             | 2 00/2 4 00 |
| " Bride Bridesmaid .....        | 2 00/2 5 00 |
| " Killarney .....               | 3 00/2 5 00 |
| " My Maryland .....             | 3 00/2 5 00 |
| Carnations .....                | 5 00/2 2 00 |
| Easter Lilies .....             | 10 00/12 50 |
| Valley .....                    | 3 00/2 4 00 |
| Adiantum .....                  | 1 25        |
| Asparagus Sprenger .....        | 2 00/2 3 00 |

| CINCINNATI, July 19.           |             |
|--------------------------------|-------------|
| Roses, Beauty, per doz., 1 00¢ | 4 00        |
| " Bride Bridesmaid .....       | 2 00/2 6 00 |
| " Golden Gate .....            | 2 00/2 6 00 |
| " Killarney .....              | 2 00/2 6 00 |
| " Richmond .....               | 2 00/2 7 00 |
| " Pres. Taft .....             | 3 00/2 8 00 |
| Lilium Longiflorum .....       | 10 50/12 50 |
| Lily of the Valley .....       | 3 00/2 4 00 |
| Sweet Peas .....               | 50¢         |
| Adiantum .....                 | 1 00/2 1 50 |
| Asparagus Plumosus .....       | 25          |
| " per string ..                | 50          |
| Asparagus Sprenger .....       | 25          |
| Smilax .....                   | 12 50/21 00 |

operators probably wanted new autos or vacation money. The steel trade is a sure factor to gauge the state of business. The United States Steel Co. for the month of June showed an increased unfilled tonnage of nearly a quarter of a million tons. This is certainly an indication of business activity. Copper is getting scarce, the reduction for June was 8½ million pounds. Copper is going up. With the above and an estimated increased yield of wheat and corn, the florist business ought to get its share of good times, for the people are flush, and the millenium is surely at hand, the express companies have announced a voluntary reduction in rates.

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STOCK VERY SHORT.

Stock of all kinds is shortening up considerably, the extreme heat and the dry weather holding everything back, and it must be some years since anyone has seen such conditions as prevail at the present time. While there is perhaps a fair amount of stock for July, business has been good and the stock received seems small in comparison. Killarney, White Killarney and My Maryland arrive in fair shape notwithstanding the warm weather and sell readily but are mostly short stems. American Beauties are perhaps the most sought after flower on account of the keeping qualities and stock is exceptionally fine for July, both in long and short stems. Water lilies are a "life saver" just now, perhaps more being sold this year than for some years past. Gladioli are still conspicuous by their absence, very few coming into the local market. The crop of sweet peas is shortening up. Easter lilies are good stock just now, Japanese lilies, both pink and white, and long and short stems, are plentiful. Carnations continue scarce, asters, too, are very few in numbers. Gypsophila is a good filler and sells well. Greens of all kinds are plentiful. Until outdoor stock arrives, there will be little relief from the present shortage in flowers.

C. F. B.





## New York.

The results of the bowling Friday, July 14, by the members of the Astoria and New York Florists' Club, both of which will be represented at Baltimore, was as follows:

|          |     |     |     |
|----------|-----|-----|-----|
| Chadwick | 189 | 190 | 201 |
| Dalton   | 173 | 191 | 179 |
| Kakuda   | 156 | 153 | 153 |
| Meisem   | 181 | 194 | 186 |
| Scott    | 146 | 130 | 144 |
| Cook     | 134 | 129 | 143 |
| Manda    | 167 | 177 | 175 |

## Washington.

## BETTER WEATHER CONDITIONS.

Though there has been no soaking rain there were several heavy showers within the past week which brought relief to the parched land and cooled the air, making life more endurable. It may here be noted for the benefit of those who have, in past years, pointed to Washington as a particularly hot place in summer, that during this torrid week, fierce as it has been, there has been less suffering here than in any other city in the country within the heat zone. Though there were a number of heat prostrations there were but few deaths among adults that were caused directly by heat. The infant mortality here, as elsewhere, has been higher. Our benevolent Secretary of Agriculture has under him a bureau for the enlightenment of the people on the care of animals. It would appear that a bureau for the protection of children would be a wise and humane proposition as they appear to suffer more from ignorance and carelessness or both than the horses and dogs. In the matter of stock about the same conditions prevail as were noted a week ago. There is an abundance of short roses that can be used in funeral work but very few that could be given any rating. The old carnations have held out remarkably well but their finish is at hand. Though now very small they continue to sell for \$1.50 per 100 but the old plants must go to make room for the young stock. Some very good lilies, for the season, have been received from outside points during the past week and the orchids and lily of the valley have been used to good advantage in funeral work.

## CLUB OUTING.

The annual outing of the club was held at Hunt's park, Huntsville, Md., on the afternoon of July 12. The weather was favorable, a shower in the morning having cooled the air. About 200 attended and everybody seemed to enjoy themselves. For the small sum of fifty cents, the committee furnished transportation by electric cars to the park and return and this included an abundance of ice cream, cake and light drinks. There was a baseball game, quoits, bowling and a variety of other races for women and children. The ball game was between wholesalers and retail teams. Milton Thomas and a band of husky followers from the market represented the wholesalers. The retail team was made up from employees of different stores. Wholesale team—Redman, Reynolds, Riley, Smith, Johnson, Richard, Sutton, Price and Donnelly. Retail team—Thompson, Smith, Seaton, McCabe, M. Smith, Dalglish, McCabe, Schores and Eicker. The game was decided in favor of the wholesalers, 4 to 3. Some of the retailers thought that they were playing against a combination of wholesalers with the umpire but no violence was attempted. In quoits, Jos. Hardy was first, Geo. C. Shaffer second and Geo. H. Cooke third. Mr. Cooke is somewhat handicapped in games by his lame hand. In pitching the ball in the basket, Mrs. Geo. C. Shaffer won first prize, Mrs. Holts second. In a similar event for young ladies, Florence Guttman was first, Mary Kirmael second. Secretary

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Oehmler, W. W. Kimmel and others of the committee managed a number of games for the little boys and girls and the tots enjoyed themselves immensely. President Mayberry, W. H. Ernest and Geo. Walker looked after the refreshment booth, Capt. Ernest being particularly interested in seeing that everybody received a plentiful share with no "swiping." The members of the bowling team generously turned over the alleys to the amateurs, who, if they made no high scores, got practice and amusement out of it. The venerable W. R. Smith was present and when he talked was always the center of an interested group. Among his good sayings was, "I am proud of my profession and if I had it to do over again I would do the same thing." For all that makes for the elevation of the business you can count on this grand old man's support. There was considerable disappointment over the absence of W. F. Gude.\* Plying machines are getting to be everyday sights around this city and it happened that Aviator Atwood selected that day to alight on the White House grounds and visit the President. As they always need a florist at any notable event, Mr. Gude was selected to escort Mrs. Atwood, mother of the aviator, to the White House and present her to the President. A. F. F.

\*The Washington Post of July 13 relates how W. F. Gude was found by a fellow aviator a mile from Huntville with the batteries of his electric runabout exhausted. The runabout was abandoned and he was motored to the outing.

## Massachusetts Horticultural Society.

The annual sweet pea exhibition was held in the society's hall July 15-16, but was not as large as in previous years, owing to the great heat and unprecedented drought of the last few weeks. W. J. Clemson (J. O. Christiansen, gardener) of Taunton had a fine display of sweet peas. R. & J. Farquhar & Co. exhibited a remarkably beautiful assortment of lilies, among which were rare specimens discovered in northern China by E. H. Wilson. Two tables filled with vases of Lillium miriophyllum with a background of hardy, herbaceous plants, including hemerocallis Japanese iris and other plants made a most beautiful display. A fine exhibit of Iris Kaempferi was made by Dr. Harris Kennedy of Milton. Following are the awards:

Sweet Peas—Display of thirty distinct named varieties filling thirty vases, twelve sprays in each vase, cut with their own foliage: W. J. Clemson, first. Best twelve varieties, named, six sprays of each: Frederick Mason, first. Fifty sprays any named white variety: Frederick Mason, first; W. J. Clemson, second. Fifty sprays, light pink or blush: W. J. Clemson, first. Fifty sprays Rose: W. J. Clemson, first. Fifty sprays lavender: W. J. Clemson, first; Frederick Mason, second. Fifty sprays blue or purple: W. J. Clemson, first. Fifty sprays of crissums: R. J. Clemson, first. Fifty sprays orange or salmon: W. J. Clemson, first; W. J. Clemson, second. Frederick Mason, third. Fifty sprays any other color: W. J. Clemson, first. Gratiolus—Frederick Mason, collection of sweet peas: Mrs. E. M. Gill, display of cut flowers. Silver Medal—R. & J. Farquhar & Co., display



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of Lillium miriophyllum. Certificate of merit—R. & J. Farquhar & Co., for sweet pea, Lathyrus latifolius White Pearl. Honorable Mention—R. & J. Farquhar & Co., display of new unnamed lilies; Dr. Harris Kennedy, display of Japanese iris; R. & J. Farquhar & Co., display of Japanese iris; Dr. Harris Kennedy, Iris Kaempferi.

Raspberries—Two quarts of Cuthbert; Wilfrid Wheeler, first; P. Andersen, second. Two quarts of any other variety, red: Mrs. R. Goodnough, first. Two quarts of any other variety, black: Wilfrid Wheeler, first, Black Cup. Currants—Two quarts of any red variety: William Whitman, Fay's Prolifer, first; W. G. Kendall, Wilder, second. Two quarts of any white variety: W. G. Kendall, White Grape, first; Wm. Whitman, White Grape, second. Collection, six baskets, one quart each: Wm. Whitman, first. Gooseberries—Two quarts of Chautauqua: W. J. Clemson, first. Two quarts of Industry: W. J. Clemson, first. Two quarts of any other variety: P. Andersen, Worden, first; W. G. Kendall, Bates, second. Largest and best collection of midsummer fruits arranged for effect with their own foliage: Geo. V. Fletcher, first. Gratiolus: Mrs. R. Goodnough, Black Eagle Cherry; Mrs. Alice A. Warburton, Black Currants; William C. Winter, Hale Early Peach. Honorable Mention: Geo. V. Fletcher, Black Tartarian Cherry.

Beans—Half-peck Wax: Wm. Whitman, first; Mrs. Alice A. Warburton, second; W. J. Clemson, third. Half-peck, Green: W. J. Clemson, Farquhar's Plentiful, first; Wm. Whitman, Bountiful, second. Beans—Twelve specimens: Frederick Mason, Crosby Egyptian, first; Mrs. Alice A. Warburton, Egyptian, second; W. J. Clemson, Crosby Egyptian, third.

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NEW YORK, July 19.

|                                  |            |
|----------------------------------|------------|
| Roses, Beauty, special.....      | 10 00@2 00 |
| " extra and fancy.....           | 6 00@2 80  |
| " No. 1 and No. 2.....           | 1 00@2 30  |
| " Bride, Bridemaid, special..... | 3 00@2 50  |
| " extra and fancy.....           | 2 00@2 30  |
| " No. 1 and No. 2.....           | 50@2 100   |
| " Killarney, My Mary Ind.spl     | 3 00@2 50  |
| " extra and fancy.....           | 2 00@2 30  |
| " No. 1 and No. 2.....           | 50@2 100   |
| " Richmond.....                  | 1 00@2 600 |
| Carnations.....                  | 1 00@2 300 |
| Callas.....                      | 50@2 500   |
| Cattleyas.....                   | 35@75      |
| Gardenias.....per doz.           | 50 @2 00   |
| Lilium Longiflorum.....          | 2 00@2 500 |
| Lily of the Valley.....          | 1 00@2 300 |
| Sweet Peas.....per doz.bchs.     | 35@1 00    |

BUFFALO, July 19.

|                                  |             |
|----------------------------------|-------------|
| Roses, Beauty, special.....      | 20 00@25 00 |
| " fancy.....                     | 15 00@20 00 |
| " extra.....                     | 10 00@12 00 |
| " No. 1.....                     | 8 00@10 00  |
| " No. 2.....                     | 2 00@3 00   |
| " Bride Maid, Killarney.....     | 2 00@2 60   |
| " Killarney, White and Pink..... | 2 00@2 50   |
| Carnations.....                  | 1 00@2 200  |
| Gladiolus.....                   | 4 00@2 600  |
| Lilium Longiflorum.....          | 8 00@10 00  |
| Lily of the Valley.....          | 3 00@4 00   |
| Sweet Peas.....                  | 40@2 50     |
| Adiantum Crownatum.....          | 75@1 50     |
| Asparagus per bunch.....         | 35@50       |
| Asparagus Sprengerii.....        | 35@50       |
| Asparagus Str.....               | 50@60       |
| Ferns.....per 1000               | \$1 50      |
| Galax, bronze.....per 1000.      | 1 00        |
| Smilax.....                      | 15 00       |

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Prompt and satisfactory. Consignments solicited**M. C. FORD**

Successor to FORD BROS.

Receivers and  
Shippers of **FRESH FLOWERS.**

121 West 28th St., NEW YORK

Telephone 3870-3871 Madison Square

Mention the American Florist when writing



# HYDRANGEAS

## For Summer Flowering

We have an unusually fine lot of Hydrangeas, which have been held dormant all winter. These plants are now in bud and bloom, and will flower in fine shape during July and August. We have a fine lot of **Blue H. drangeas**, as well as pink. Plants are in splendid shape for immediate use, and will flower during July and August—at a time in the year when they are in the greatest demand. We can furnish these plants in ordinary butter tubs at \$2.00 and \$3.00 each.

Plants in new cedar tubs, painted green, with handles, as follows: Well budded plants in 14-in. tubs, \$3.00 each; 16-in. tubs, \$4.00 and \$5.00 each.

# FERNS

We have an exceptionally fine lot of **Boston Ferns** of the *Harrisii* type; also a splendid lot of **Pierson Ferns**. Good bushy, well-grown plants in 8-in. pots that will please the most critical buyer, **\$1.00 each**.

## Lilium Harrisii, The Bermuda Easter Lily.

We offer a selected and carefully grown stock of the original pure *Harrisii*. There are only one or two lots of bulbs on the island as good as the stock that we offer. We take pleasure in offering this stock, because it will be found to be very superior to the average stock that is generally offered. This is one of the healthiest and cleanest lots, and will give much better satisfaction than the stock usually obtainable. Our customers who had *Harrisii* from us last year stated it was the best they had received in years. We have only a limited stock, which we are offering, and when stock is exhausted, we shall have no more to offer this season.

Fine selected bulbs, 6-7 inch, 350 to the case, **\$16.00** per case, or full 1000 lots at **\$45.00** per 1000; 7-9 inch, 200 to the case; **\$17.00** per case, or full 1000 lots at **\$80.00** per 1000; 9-11 inch, 100 to the case, **\$18.00** per case, or full 1000 lots at **\$175.00** per 1000.

**F. R. PIERSON CO.,**  
Tarrytown-on-Hudson, New York.

**\$3.00**

POSTPAID TO  
Any ADDRESS



**SAVES MANY TIMES  
ITS PRICE**



THE AMERICAN FLORIST COMPANY'S DIRECTORY saves many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 590 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically; firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

Published annually by the

**American Florist Co.**  
440 S. Dearborn St. CHICAGO.

**THE**  
**Baltimore Convention**  
**WILL UNITE**  
**The Solid South**  
**The Nearby East**  
**and The Great West**  
**FOR VERY MUCH SUPERIOR**  
**BUSINESS RELATIONS**  
**THAN HERETOFORE.**

**The American Florist**  
**Convention Number**

**To Be Issued August 10**

**WILL SHOW IN ITS ADVERTISING COLUMNS**  
**WHAT THE TRADE HAS TO OFFER IN**

**Seeds, Bulbs, Plants and Supplies**

Advertising rates are as usual, \$1 per inch, single column width, \$30 per page of 30 inches, with the usual discount on time contracts.

**The American Florist** 440 S. Dearborn St.,  
**CHICAGO.**

 **The Early Advertisement Gets There.**



# Heacock's Palms and Ferns

Home Grown, Strong, Clean and Well Established

Order Now for Fall Delivery

We grow all our Kentias, above 6-in. sizes, in cedar tubs made especially for us, avoiding breakage of pots in shipments and giving better satisfaction to our customers; and while they cost us a great deal more than pots, we sell the plants for the same money. We order these tubs by the carload. With more glass, our stock is much larger than ever before.

When in Philadelphia, call and see our stock before placing your order.

20 minutes ride by rail; 100 trains every weekday; Railway Station Jenkintown.

## Joseph Heacock Company's Price List

### Areca Lutescens

| Pot   | Plants in pot | In. high      | Each   |
|-------|---------------|---------------|--------|
| 6-in. | 3             | 26 to 28..... | \$1 00 |
| 7-in. | 3             | 36.....       | 2 00   |
| 8-in. | 3             | 42.....       | 3 00   |
| Cedar |               |               |        |
| Tub   | Plants in tub | In. high      | Each   |
| 9-in. | Several       | 48 to 54..... | \$5 00 |
| 9-in. | "             | 5-ft.....     | 7 50   |

### Cocos Weddelliana

| Pot    | In. high      | Each    |
|--------|---------------|---------|
| 2½-in. | 8 to 10.....  | \$10 00 |
| 2½-in. | 10 to 12..... | 15 00   |

### Kentia Belmoreana

| Pot    | Leaves | In. high     | Each          | Doz.        |
|--------|--------|--------------|---------------|-------------|
| 2½-in. | 4      | 8 to 10..... | \$            | 1 50        |
| 3      | -in.   | 5            | 12.....       | 2 00        |
| 5      | -in.   | 6 to 7       | 18.....       | \$0.50 6 00 |
| 6      | -in.   | 6 to 7       | 24.....       | 1.00 12 00  |
| 6      | -in.   | 6 to 7       | 26.....       | 1.25 15 00  |
| 6      | -in.   | 6 to 7       | 28 to 30..... | 1.50 18 00  |

### Kentia Belmoreana

| Cedar | tub  | Leaves | In. high          | Each   | Doz.    |
|-------|------|--------|-------------------|--------|---------|
| 7     | -in. | 6 to 7 | 34 to 36.....     | \$2 50 | \$30 00 |
| 7     | -in. | 6 to 7 | 36 to 38.....     | 3 00   | 36 00   |
| 9     | -in. | 6 to 7 | 40 to 45.....     | 4 00   | 48 00   |
| 9     | -in. | 6 to 7 | 42 to 48 Hvy. Ea. | 5 00   |         |
| 9     | -in. | 6 to 7 | 48 to 54 Hvy. Ea. | 6 00   |         |

### Kentia Forsteriana

| Pot   | Leaves | In. high | Each   | Doz.    |
|-------|--------|----------|--------|---------|
| 6-in. | 5 to 6 | 28 to 30 | \$1 00 | \$12 00 |
| 6-in. | 6      | 34 to 36 | 1 50   | 18 00   |

### Cibotium Schiedel

| Cedar | tub.             | Spread           | Each |
|-------|------------------|------------------|------|
| 9-in. | 4 to 5 feet..... | \$1 00 to \$5 00 |      |
| 9-in. | 5 to 6 feet..... | 6 00             |      |

### Kentia Forsteriana

Made Up

| Cedar  | tub | Plants | In. high   | Each   | Doz.    |
|--------|-----|--------|------------|--------|---------|
| 7-in.  | 4   |        | 36         | \$2 50 | \$30 00 |
| 7-in.  | 4   |        | 36 to 40   | 3 00   | 36 00   |
| 9-in.  | 4   |        | 40 to 42   | 4 00   | 48 00   |
| 9-in.  | 4   |        | 42 to 48   | 5 00   | 60 00   |
| 9-in.  | 4   |        | 4-ft. Hvy. | Each   | 6 00    |
| 12-in. | 4   |        | 6-ft. Hvy. | Each   | 15 00   |

### Phoenix Roebelinii

|                                 |              |        |  |        |
|---------------------------------|--------------|--------|--|--------|
| Pot                             |              |        |  | Each   |
| 5-in. Nicely characterized..... |              |        |  | \$1 00 |
| 6-in. 18 to 20-in. spread.....  |              |        |  | 1 50   |
| Cedar                           |              |        |  |        |
| tub                             | High         | Spread |  | Each   |
| 7-in.                           | 18-in.       | 24-in. |  | \$2 00 |
| 7-in.                           | 20 to 24-in. | 2-ft.  |  | 2 50   |

**Joseph Heacock Company,**

**Wyncote, Pa. Railway Station, Jenkintown.**

# Shipping Labels for Cut Flowers

Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Size 6½x4½.



Price per 500, \$2.85; per 1000, \$4.50. Send for sample.

ELECTRO OF THIS LEAF, POSTPAID, \$1.25.

**American Florist Co., 440 S. Dearborn Street, Chicago.**

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Established in 1857.



739 Buckingham Place,  
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Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY  
Mention the American Florist when writing

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## "WILSON"

9 and 5 Greene Ave. and 339 to 347 Greene Ave.  
Greenhouses: Short Hills, N. J.

Deliveries in

NEW YORK, LONG ISLAND and NEW JERSEY.  
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NEW YORK  
**Malandre Bros.**

2094 Broadway, cor. 72nd St.

We carry the highest grade of Cut Flowers, and are adjacent to the Theatrical and Steamship Districts. References or cash with orders from unknown parties.

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## S. A. Anderson,

440 Main St., Buffalo, N. Y.

Mail, Telephone and Telegraph orders filled promptly with the choicest stock.

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New York.

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2654 Broadway. Tel. Riverside-8730.

Will carefully execute and deliver orders in any part of New York and to out-going steamships.

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FLORISTS  
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Washington, D.C.: Cor. 14th and G Sts.

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FLORISTS

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## Washington,

## D. C.

14th and H Street

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Also

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J. DAN BLACKSTONE

Chicago.

## A. LANGE,

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Los Angeles, Calif.

## Wolfskill Bros. and

## Morris Goldenson

Cut Flower Merchants

We solicit telegraph orders Regular trade disc.  
229 WEST THIRD STREET.

Mention the American Florist when writing



FROM NEW YORK EXCEPT AS NOTED

July 25.

Kronprinzessin Cecilie, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

FROM BOSTON, Franconia, Cunard, East Boston Pier.

July 26.

Campania, Cunard, Piers 54 and 56, North River.

Olympic, White Star, 3 p. m., Piers 60 and 61, North River.

FROM BALTIMORE, Main, No. Ger. Lloyd, 2 p. m., Pier 9, Locust Point.

July 27.

La Touraine, French, 10 a. m., Piers 57, North River.

Prince Frederick Wilhelm, No. Ger. Lloyd, 10 a. m., Hoboken Pier.

July 28.

FROM QUEBEC, Empress of Ireland, Can.-Pac., 3:30 p. m.

FROM MONTREAL, Corsican, Allan.

July 29.

Caronia, Cunard, Piers 54 and 56, North River.

Baltic, White Star, 11 a. m., Piers 60 and 61, North River.

Finland, Red Star, 10<sup>1</sup> a. m., Pier 59, North River.

Furnessia, Anchor, 10 a. m., Pier 64, North River.

St. Paul, Amer., 9:30 a. m., Pier 62, North River.

President Lincoln, Ham.-Amer., 1 p. m., Hoboken Pier.

FROM PHILADELPHIA, Merion, Amer., 10 a. m., Pier 54.

FROM MONTREAL, Teutonic, White Star-Dom., daylight.

FROM MONTREAL, Ascania, Cunard.

FROM MONTREAL, Ionian, Allan.

Great Britain.

## WILLS & SEGAR,

Royal Exotic Nurseries,

Onslow Crescent, S. Kensington, LONDON.

Florists To His Majesty The King.

We shall be pleased to carry out commissions from our American confreres to deliver Cut Flowers, Floral Baskets, Designs, etc., to any part of Great Britain.

Cablegrams—"Flosculo, London."

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## Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Stock in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Kansas City, Mo.

## WILLIAM L. ROCK

## Flower Co.

Will carefully execute orders for Kansas City, and any town in

Missouri, Kansas or Oklahoma

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All orders receive prompt attention. Choice Beauties, Orchids and Valley always on hand

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Telephone 2065-2066 Madison Square.  
42 West 28th Street.

To out-of-town florists  
We are in the Heart of **NEW YORK**  
And give special attention to steamer and Theater orders. Prompt deliveries and best stock in the market.

Terre Haute, Ind.

**John G. Heintz & Son,**  
129 South Seventh St.

Telephone 247.  
We are in position to fill promptly all mail, telephone, telegraph and cable orders with best quality stock in season.

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**The Texas Seed and  
Floral Company**

Orders for cut flowers and designs solicited for delivery in any part of Texas.

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**GEO. H. COOKE**

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**LEADING FLORISTS OF THE NORTHWEST.**

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1122 Grand Ave. Will fill all orders for Cut  
Kansas City and Flowers, Funeral Designs,  
Pleasant Hill, Mo. Wedding and Birthday Gifts  
that may be entrusted to them

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Write, Wire or Phone Your Orders to

**YOUNGS**

1406 Olive Street,

Regular discount allowed on all orders, either  
Plants or Cut Flowers.

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"Penn, The Telegraph Florist"

Telegraph us and we will reciprocate. We  
cover all points in New England.

**43 BROMFIELD STREET.**

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Successor to Sievers & Boland

**FLORIST**

**60 KEARNEY STREET.**

Denver, Colo.

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Floral Co.**

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**Robert Kift,**

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Personal Attention to all Orders.

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**Matthews,**

—FLORISTS—

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Flowers in any arrangement for all occasions.  
for Dayton and vicinity. Long dis. Phones.

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We Cover All Points in Ohio.



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Established 1846

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**FLORAL DECORATORS**

2139-2141 Broadway

Telephones: 1552-1553 Columbus. **Choice Cut Flowers**

Mention the American Florist when writing

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**Podesta & Baldocchi**

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Prompt and careful attention to orders  
from out-of-town florists.

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Long Distance Phone.

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**M. A. Bowe**

IN THE HEART OF NEW YORK CITY

Phone 6404 Madison Sq. 12 West 33d St.

Our Motto—THE GOLDEN RULE.

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Michigan.

Orders will be carefully  
cared for by

**HENRY SMITH,**

Wholesale and Retail Florist of GRAND RAPIDS

Mention the American Florist when writing

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**"The Saltford Flower Shop"**

Vassar College and Bennett School.

Rockford, Ill.

**H.W. Buckbee**

Colorado Springs, Colo.

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**GRAND RAPIDS FLORAL CO.**

ALFRED HANNAH & SONS. Will fill your  
orders for Designs and Cut Flowers in Michigan.

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**John Breitmeyer's Sons**

Corner Miami and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.



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D. C.**

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Pittsburg, Pa.

**A. W. SMITH CO.**

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Largest Floral Establishment in America  
Established 1874. Incorporated 1909.

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Best Quality on Shortest Notice

**DANIELS & FISHER**

Order by mail, telephone, telegraph or cable. Cable address "Daniels, Denver"

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The Most Central Location in City.

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Boyle and Maryland Aves.

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(Successor to Geo. A. Teinl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.

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Send flower orders for delivery in

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New England Points**

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124 TREMONT ST.

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FLORISTS.

Phones: Home 1388. Cumb. Main 1388 A.

.....634 Fourth Avenue.

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Established 1874.

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Bell Phone 281. All orders receive prompt attention

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Grand Rapids, Mich.—Grand Rapids Floral Co.

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Louisville, Ky.—Jacob Schuler, 650 S. 4th Ave.

Louisville, Ky.—F. Walker & Co., 634 4th Ave.

Milwaukee—C. C. Pollworth Co.

Montreal—McKenna.

Nashville, Tenn.—Gony Bros.

New York—M. A. Howe.

New York—D. Clark's Sons, 2139 Broadway.

New York—Dard's, 44th and Madison Ave.

New York—Hartmann's Rosary, 2054 B'way.

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New York—Malandra Bros., 2094 Broadway.

New York—Myer, Florist, 609 Madison Ave.

New York—J. H. Small & Sons, 1153 B'way.

New York—Frank Valentine, 158 E. 110th.

New York—Young and Nugent.

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Philadelphia—Robert Kirt, 1725 Chestnut.

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Washington—Gude Bros.

Washington—Geo. C. Shaffer, 14th and I Sts.

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**Alexander McConnell,**

611 Fifth Ave., cor. 49th Street.

**NEW YORK CITY.**

TELEGRAPH Orders forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 487 and 488 38th St.

Cable address: ALEXCONNELL,  
Western Union Code.

Mention the American Florist when writing

Chicago.

**CANGER & GORMLEY**

187 N. State St.

HIGH GRADE OF FLOWERS.

Phones: Central 5196 All orders are very  
2190 carefully execute

Buffalo, N. Y.

**W. J. Palmer & Son,**

304 Main Street.

Members Florists' Telegraph Association.

Cleveland, O.

**The Cleveland Cut  
Flower Co.**

Will fill your orders for designs and cut flowers in  
**NORTHERN OHIO.**

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**Geo. C. Shaffer,**

FLORIST

Phone 2416 Main 14th & Eye Sts., N. W.

Write, Telegraph or Telephone!

Albany, N. Y.

**EYRES,**

Flowers or Design Work.

Delivered in Albany and Vicinity on  
Telegraphic Order.

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Toronto, Can.

Canada's best known and most reliable florist

Only the **Dunlop's**  
Best

96 Yonge Street.

We deliver anywhere in Canada and guarantee  
safe arrival.

Milwaukee, Wis.

**C. C. Pollworth Co.**

Will take proper  
care of your orders in Wisconsin



## The Seed Trade.

### American Seed Trade Association.

Leonard H. Vaughan, Chicago, President;  
Marshall H. Duryea, New York, First Vice-  
President; Edgar Gregory, Marblehead,  
Mass., Second Vice President; C. E. Kend-  
el, Cleveland, O., Secretary and Treasurer.  
Next annual convention, June, 1912.

FRENCH cables, July 17, report free-  
zias a short crop and under grade.

ALPENA, MICH.—Rogers Bros. report  
that peas are being cut very short by  
the drought.

IMMORTELE prices will be much  
higher. Such are the indications by  
latest French cables.

QUARANTINE restrictions on account  
of the cholera scare may delay French  
bulbs at the seaports.

PRESIDENT LEONARD H. VAUGHAN is  
at Cleveland this week consulting with  
Secretary Kendel on American Seed  
Trade Association matters.

THIS weather favors the tramps who  
represent themselves as the friends or  
employees of well known men in the  
trade in seeking loans or in passing  
worthless checks. Look out for them.

VISITED CHICAGO: Arthur B. Clark,  
of the Everett B. Clark Seed Co., Mil-  
ford, Conn., enroute to Sister Bay,  
Wis.; A. Sluis, representing Sluis Bros.,  
Enkhuizen, Holland, on his maiden  
trip, calling on the seed trade.

GOING standpat congressmen one bet-  
ter, not satisfied with trying to put  
the seed business under a prison pen-  
alty law, Mr. Reeves, a representative  
in the Georgia legislature, introduced  
Bill No. 97 June 30 to prevent the sale  
of cotton seed from August 15 to De-  
cember 1. Will Mr. Reeves kindly ex-  
plain why the proposed bill gives the  
cotton seed dealers three and one-half  
months vacation?

### The New York State Seed Bill.

A seedsman in position to know says  
"Assemblyman Gregg's pure seed bill,  
as it stands, looks to us to be uncon-  
stitutional, as, on page 2 line 12 it  
reads: "No wholesale or retail dealer,"  
which in our opinion would make the  
bill class legislation, in that it permits  
the farmer or producer to dispose of his  
seed to any person without making him  
liable to the law, whereas the dealer is  
held strictly accountable for every  
pound of seed he may sell.

## Braslan Seed Growers Co.

Lettuce, Onion, Sweet Peas,

Growers for the Wholesale  
Trade Only.

SAN JOSE, CALIF.

### California Seed Crops.

The Braslan Seed Growers Co. re-  
ports conditions of California seed crops  
July 11 as follows:

Onion prospects good, but risks of  
blight are still in front of the crop.

Carrot, one-third crop; Long Orange  
a failure.

Radish—we expect to make a good  
delivery.

Celery, endive, lettuce and mustard,  
good.

Parsley and parsnip, very short.

Salsify, delivery will be low.

Sweet peas, far below average.

### French Bulbs.

The French growers of bulbs are try-  
ing to strengthen the wavering position  
of those members who have not yet  
sold their crops and to prove that the  
demand will finally equal their supply.  
Whether all will finally be sold or  
called for evidently neither the growers  
nor dealers there, much less importers  
here, can at this writing predict. We  
translate from a French trade publica-  
tion an account of one of these grow-  
ers' meetings, held Sunday, July 2, in  
the Cafe Ghilla, at O—S railway station.

Toulon, France.—A reunion of the  
growers of Narcissus Paper White  
Grandiflora was held July 2, compris-  
ing those of the syndicate and those  
outside of the syndicate. M. Lazare  
was secretary. Chairman Bevilacqua  
explained the conditions under which  
the Syndicate of Defense of Agricul-  
tural Interests of the Coast fixed the  
rate at 20 francs per 1,000 with, as  
they believed, full knowledge of good  
reasons therefor. M. Pichaud of the  
Syndicate of Growers of Flowering  
Bulbs of Ollioules declared that there  
will be a deficit of 60 per cent of the  
normal crop. M. Simon Emeric pro-  
duced figures to show that those grow-  
ers who have sold at 18 francs under  
erroneous estimate of crop yield will  
with difficulty be able to deliver 50 per  
cent on the basis of sales of preceding  
years. M. Albert Oudinot pointed out  
the advantages obtained by the syn-  
dicate which holds at the service of any  
embarrassed grower the capital supplied  
from the rural Toulonnaise fund of  
mutual agricultural credit. At the  
close of the meeting a resolution was  
adopted urging those growers of Nar-  
cissus Paper White Grandiflora who  
had not sold to 20 francs per 1,000  
formerly fixed. The members were also  
pledged not to sell bulbs of the size of  
12 centimeters and under, these not be-  
ing of merchantable measure and their  
sale prejudicial to the best interests  
of the growers of this crop. At this  
meeting many growers joined the syn-  
dicate.—P.

## Pieters-Wheeler Seed Company

Growers of  
High Grade  
SEED

Hollister,  
California



Onion,  
Lettuce,  
Radish,  
Sweet Peas,  
Etc.

Correspondence  
Solicited.

### Clark Company's New Buildings.

The Green Bay, Wis., newspaper an-  
nounces that The Everett B. Clark  
Seed Co., of Milford, Conn., has recent-  
ly purchased a building site adjoining  
its present property at Green Bay, Wis-  
consin, and now owns a block of land  
178x410 feet, bounded on one side by  
the tracks of the Chicago and North-  
western railway, on another by the  
tracks of the Green Bay and Western  
railway and on the third side by the  
water.

On the site recently acquired, the  
company now has in process of erection  
an addition to its seed warehouse 60x  
100 feet, three stories and a basement.  
The construction is of brick. Additional  
equipment is being provided in the way  
of equipment for 95 additional pickers,  
an additional Otis elevator, an addi-  
tional clipper cleaner and so on. Con-  
tract specifies that the addition shall be  
ready for occupancy by October 1, 1911.  
The company's other warehouses used  
for the handling of seed, peas and  
beans are located at Sister Bay, Wis.,  
and East Jordan, Mich.

This same company is also erecting  
a seed warehouse of brick construction  
at Milford, Conn., adjacent to the  
freight depot. The building at Milford  
is to be 38x62 feet, three stories and a  
basement and will be completed in time  
for use this coming fall.

### Catalogues Received.

W. Atlee Burpee & Co., Philadelphia,  
Pa., wholesale list of turnip, radish and  
spinach seed; Alex. McConnell, New  
York, nursery stock; Dingee & Conard  
Co., West Grove, Pa., roses; Heller  
Bros. Co., New Castle, Ind., roses; J.  
M. Thorburn & Co., New York, whole-  
sale trade list of turnip seed, etc.;  
Peter Henderson & Co., New York,  
midsummer list of strawberries and  
vegetable seeds and plants; J. Murray  
Bassett, Hammon, N. J., dahlias  
and hardy plants; G. H. Hunkel Co.,  
Milwaukee, Wis., trade list of bulbs  
for fall planting; Ebbert Seed Co.,  
Rocky Ford, Colo., seeds; Bertrand H.  
Farr, Reading, Pa., bulb and plant  
specialties; Western Gardening and  
Forestry Co., Chicago, landscape con-  
struction work; T. E. Steele, Palmyra,  
N. J., strawberry plants; Auburndale  
Goldfish Co., Chicago, wholesale list of  
goldfish, florists' supplies, etc.; Martin  
Grate Co., Chicago, grates; Quaker  
City Machine Co., Richmond, Ind., ven-  
tilating apparatus; Taylor Steam Spe-  
cialty Co., Battle Creek, Mich., return  
traps; McClave-Brooks Co., Scranton,  
Pa., grates and blowers; Chicago Arti-  
ficial Flower Co., Chicago, artificial  
flowers; Thatcher Furnace Co., Chi-  
cago and New York, boilers and hot  
water heaters.

W. van Kleef & Sons, Boskoop, Hol-  
land, wholesale list of nursery stock;  
L. Gaarkeuken, Hazerswoude, Holland,  
wholesale list of nursery stock; Stuart  
Low & Co., Bush Hill Park, Middlesex,  
England, best new roses; F. H. Burn-  
ing, Pty. Ltd., Melbourne, Australia,  
seeds, bulbs, etc.; Segers Bros., Lisse,  
Holland, wholesale list of bulbs, roots,  
etc.; M. Herb, Naples, Italy, bulbs and  
seeds for autumn sowing.

Established 1810.

**Denaiffe & Son,**  
CARIGNAN, NORTHERN FRANCE,  
G-rowers on Contract  
Highest Grade Seeds.  
Specialties: Beet Cabbage, Carrot, Celery, Let-  
tuce, Onion, Parsley, Radish, Rutabaga, Turnip.  
Sole Agent for U. S. and Canada,  
CHARLES JOHNSON, Marietta, Pa.



**GIANT PANSY SEED****The KENILWORTH Strain**

must not be compared with the flimsy Trimardeau; it is much larger and of good substance. The immense flowers of  $3\frac{1}{2}$  to 4 inches are of perfect form; every tint and shade is produced in striking combinations and endless variations of beautiful colors and markings: it is the result of years of selections. The stock plants are selected from many thousands of plants grown for market. It is rich with shades of brown, bronze, red, mahogany and numerous others. 1911 seed now ready light, medium or dark mixtures. 2,000 seeds, 50c; 5,000, \$1.00;  $\frac{1}{4}$  oz., \$1.25; oz., \$5.00.

**Pansies in Separate Colors**

Giant Adonis beautiful light blue.  
Giant Emperor William, ultramarine blue.  
Giant King of the Blacks, coal black.  
Giant Beaconsfield, violet, shading to white.  
Giant Golden Queen, yellow.  
Giant Golden, yellow, with dark center.  
Giant Masterpiece, beautifully ruffled with a wide range of rich colors.  
Giant White.  
Giant White, with large violet center.  
Giant Royal Purple, fine large flowers.  
Giant Orchard flowering, rare shades.  
Giant Bronze and copper shades.  
Giant Light Blue, delicate shades of blue.  
Giant Dark Blue, deep blue shade.  
Trade pkt., 25c; any 5 for \$1.00; any 11, \$2.00.

Rainbow is a blend of over 50 of the latest introduction of Giant Pansies of the most beautiful gorgeous colors: blotched, striped, veined, margined etc. With every \$1.00 worth of Pansy Seed I will send 1000 of Rainbow free, and with other amounts in like proportion.

**Chas. Frost**  
Kenilworth,  
N. J.

Mention the American Florist when writing

**Giant Pansies**

The finest large flowering varieties, critically selected. 6000 seeds, \$1.00;  $\frac{1}{2}$  packet, 50c; oz., \$2.50. A liberal extra packet of Giant Pansy Seed added to every order for Pansy Seed.

**Chinese Primrose**, finest grown, single and double mixed. 600 seeds, \$1.00;  $\frac{1}{2}$  packet, 50c; 1000 seeds, \$1.50. Colors separate also. Cash. We can please you.

**JOHN F. RUPP**, Shiremanstown, Pa.

Mention the American Florist when writing

**Florists and Seedsmen - Scratch or Poultry Food**

Sell Your Own.  
We will make it for you under your own brand, for \$28.00 per ton. Send today for sample 100 lb. bag \$1.50. Mr. C. E. Jensen, of Atlantic City, N.J., on Oct. 27th, 1910, writes as follows: "I want to state that your three grades of Poultry Food—Chick Starter, Developing Food and 'Square Deal' Scratch or Poultry Food—stands without an equal today. They are perfect mixtures and round in grain and a pleasure to handle."  
**J. BOLDIANO & SON**, Importers and Wholesalers (Established for 92 years). Baltimore, Md.

Mention the American Florist when writing

**H. WREDE, LUNEBURG, GERMANY PANSY SEED**

178 First Prizes, the highest awards  
Chicago, Paris, London, Bruxelles.  
1000 seeds, finest mixed... 25c  
1 oz. \$2.25

Price list on application. Cash with order

Mention the American Florist when writing

**GET RICH QUICK**

Grow Cold Storage Lilies.

A case of 200 7-9 Giganteums cost you \$14.00. Will produce in 10 weeks at least 40 dozen flowers. Figure out your profits. Get a case at once from C. C. POLLWORTH CO., Milwaukee, Wis.

# Vaughan's

## Roman Hyacinths

## Narcissus P. W. Grand.

## and Freesias

(Calif. Freesias Ready.)

are afloat! Will arrive soon.

**LILIUM HARRISII NOW READY**

Let us quote or add other supplies to ship with these and **SAVE FREIGHT.**

**DO IT NOW.**

**Vaughan's Seed Store,**

CHICAGO --- NEW YORK.

**S. M. Isbell & Co.,**

Jackson, Mich.

**CONTRACT SEED GROWERS,**  
Bean, Cucumber, Tomato, Pea, Muskmelon,  
Squash, Watermelon, Radish, Sweet Corn.  
Correspondence Solicited.

**Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,  
Vine Seed and Field Corn.  
Correspondence Solicited.

**George R. Pedrick & Son,**  
PEDRICKTOWN, N. J.

**Waldo Rohnert**

GILROY, CAL.

**Wholesale Seed Grower,**

Specialties: Lettuce, Onion, Sweet Peas, Aster,  
Cosmos, Mignonette, Verbena in variety.  
Correspondence Solicited.

**Henry Fish Seed Co.**  
**Bean Growers**

For the Wholesale Seed Trade.

**CARPINTERIA, CALIF.**

**Telegraph Code**  
**Am. Seed Trade Association**

—\$2.00—

In either stiff or flexible cover. Address orders

AMERICAN FLORIST CO., CHICAGO.

**J.C. Robinson Seed Co.**

Waterloo, Neb.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin Seed; Sugar Flint and Field Seed Corns.

ESTABLISHED IN 1824.

**Bridgeman's Seed Warehouse,**

RICKARDS BROS., Props.,

37 East 19 St., bet. Broadway and 4th Ave., New York

Telephone 4235 Gramercy.

**Asparagus Plumosus Nanus SEED**

Fresh, true to name and highest germination.  
For Quick Sale

\$1.75 per 1000; 25,000 and over at \$1.50

**DRAKE POINT GREENHOUSES, YALAHUA, FLORIDA.**

**ROUTZAHN SEED CO.**

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists

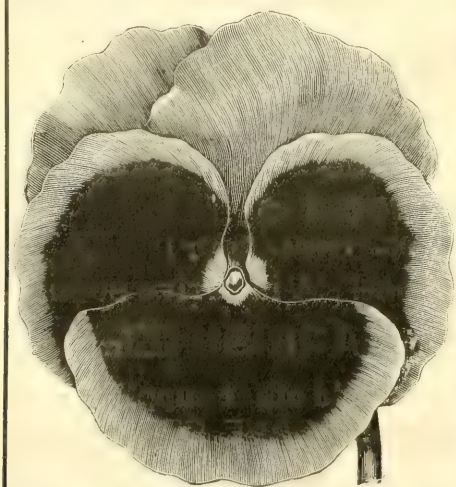
Wholesale Growers of full list of

**FLOWER and GARDEN SEEDS****The Everett B. Clark Seed Co.**  
**Growers for the Trade**

Beans, Peas, Sweet Corn, Onion, Turnip,  
Radish, Beet, Etc.,

Branches: Michigan and Wisconsin. **MILFORD, CONN.**





# PANSIES SOW NOW

We are making a specialty of Pansies. Our collection is the richest in variety of quality ever offered in this country. If you want the finest pansies that it is possible to obtain, make your selection from the following list of seeds:

## MIXTURES OF GIANT FLOWERED PANSIES

**Holmes' Triumph of the Giant.** Robust compact growing plants; heavy foliage surmounted by enormous flowers of perfect form and great substance, on strong tall stalks. Petals overlapped and undulating. Rich and rare colors. Trade packet, 50c: 1-16 oz., \$1.00; 1/2 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.00; oz., \$8.50.

**Bugnot's Giant Spotted.** Trade packet, 40c: 1-16 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.50; 1/4 oz., \$4.00; oz., \$7.50.

**Holmes' Mammoth Five-blotched.** Cassier type, but flowers double size, magnificent colors. Trade packets, 35c: 1-16 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.00; 1/4 oz., \$3.50; oz., \$6.00. **Giant Cassier.** 1/4 oz., \$1.75; 1/2 oz., \$3.00; oz., \$5.00. **Mme. Perret.** Great American Giant. "Red, White and Blue": 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.00.

**Odier Five-spotted Beauties.** 1/4 oz., \$1.25; 1/2 oz., \$2.00; oz., \$3.50.

**Goll-th and Orchid (Cattleya) flowered.** same price as Odier.

**Giant Trimardeau.** 1/4 oz., \$1.00; 1/2 oz., \$1.50; oz., \$2.50.

**Trimardeau, Great Spotted Persian.** 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.00.

**Cassier and Trimardeau Mixture.** 1/4 oz., \$1.00; 1/2 oz., \$1.75; oz., \$3.00. **Holmes' Giant Masterpiece.** Enormous flowers, 4 inches across daintily ruffled edges, clearly distinct markings, and, in fact a flower of recent introduction that has won volumes of praise from lovers of this particular flower. It is a master indeed of its class. 1/4 oz., \$1.75; 1/2 oz., \$3.00; oz., \$5.00.

**HOLMES SEED CO.,**

**Harrisburg, Pa.**

## DITLEV ELTZHOLTZ & CO.

**Ringe, Denmark.**

Offer for delivery Autumn 1911,  
Cauliflower Seed, Danish Snowball Cab-  
bage—Danish Ballhead.

Please ask for our prices.

## FROM SUNNY SPAIN

### Specialties:

Onions, Peppers, Early To-  
mato Cauliflowers, Beans, 97  
varieties, Melons, Celery, Egg  
Plants.

SEEDS: Grown on contract for the United States  
Seedsmen by

Federico C. Varella, Tenerife, Canary Islands;  
Spain. Enquiries  
requested: I do not supply growers direct.

### Locust Trees From Seed.

The seeds of locust are very hard and dry, and if planted in this condition many will fail to germinate, and all of them will be very slow. They should be first treated with hot water, states the news letter of the Colorado Agricultural College, in the following manner: Place about one-half pound of seed in any can or jar that will hold about one gallon, and which will not be broken by hot water. Pour two or three quarts of boiling water upon the seeds, cover and allow to stand over night. When the water is poured off, it will be found that many of the seeds have doubled in size and become softened. These can be selected and planted immediately, while those that remain should be again treated until all of them have swollen. Plant in garden soil about one inch deep and after the plants break through the ground they should be cultivated. It is best to dig the trees at the end of the first season, tie in bundles, and bury in a well drained location, covering with six inches of earth. The next spring they can be planted in their permanent quarters.

LEXINGTON, KY.—Miss Fannie D. White, who purchased the greenhouses of W. S. Bell on West Main street, is building and re-modeling the place, and has begun to plant five houses with carnations. The place on Georgetown street will be devoted to decorative and bedding plants. A fine lot of poinsettias for Christmas are in splendid condition.

## Clean Up on ROSE STOCK

1000 American Beauty plants, 4-in., at \$10.00 per 100.

500 each Bride, Maid, Richmond, Chatenay, Ivory, Queen Beatrice, Bon Silene, Pink Killarney and Golden Gate, 4-in., at \$8.00 per 100.

## GRAFTED STOCK

200 each Chatenay, Ivory, Golden Gate and Uncle John, at \$15.00 per 100, 3-in. stock.

**CHARLES H. TOTTY, Madison, N. J.**

Mention the American Florist when writing

## John Bodger & Sons Co.

**Los Angeles, California**

Wholesale growers of Sweet Peas,  
Tomatoes, Lima Beans, Lettuce, Asters,  
Cosmos and other Flower Seeds.

GET QUOTATIONS FROM

## LANDRETH

SEEDS which SUCCEED

Bloomersdale  
Farm.

**Bristol, Pa.**

## SEEDS

OF ALL KIND APPLY TO

**W. W. JOHNSON & SON, Limited,**  
Boston, England.

## BAY TREES

STANDARD or TREE SHAPED.

| Stems          | Crowns         | Each    | Pair    |
|----------------|----------------|---------|---------|
| 24 30 inch.... | 22 24 inch.... | \$ 7 50 | \$14 00 |
| 38 44 inch.... | 22 24 inch.... | 6 50    | 12 00   |
| 42 46 inch.... | 24 inch....    | 6 75    | 12 50   |
| 45 48 inch.... | 26 inch....    | 7 50    | 14 00   |
| 45 48 inch.... | 28 inch....    | 8 00    | 15 00   |
| 45 48 inch.... | 30 inch....    | 10 00   | 18 00   |
| 46 54 inch.... | 40 inch....    | 15 00   | 28 00   |

PYRAMIDAL SHAPED.

6 ft. high, 26 28 inch diam. Each Pair

eter at base ..... \$10 00 \$18 00

**Asparagus Plumosus Nanus**

Seedlings..... per 100, \$1 50; per 1000, \$12 00

**Primula Obconica Grdfl.**

Rosea and Mixed Doz. 100

24 in. pots ..... \$10 50 \$4 00

F. O. B. Western Springs.

**Vaughan's Seed Store,**

31-33 W. Randolph St., 25 Barclay St.,  
CHICAGO. NEW YORK.

Greenhouses, Trial Grounds and Nurseries,  
Western Springs, Ill.

# PANSY SEED TIME



CHALLENGE PANSIES.

|                                                           | Trade pkt. | 1/4 oz. | oz.           |
|-----------------------------------------------------------|------------|---------|---------------|
| Giant Pretiosa. Crimson-rose, white margin, violet blotch | .....      | \$0.15  | \$0.60 \$2.00 |
| Giant White. Violet spot, the largest white               | .....      | .10     | .50 1.50      |

## PANSY—BODDINGTON'S "CHALLENGE"—ALL GIANTS

This mixture contains all the finest Giant strains—the leading Pansy Specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched etc., all carefully mixed in proportion—the finest that money can buy—the best your money can buy. A florist who has grown it said, "Why don't you call it Defiance?"

Trade pkt., 50c; 1/4-oz., 75c; 1/2-oz., \$1.50; 1/2-oz., \$2.75; oz., \$5

## CHOICE VARIETIES OF GIANT PANSIES

|                                                                                                                                              | Trade pkt. | 1/4 oz. | Oz.           |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------------|
| Giant Trimardeau. Improved mammoth flowerer and in good range of color                                                                       | .....      | \$0.15  | \$0.50 \$1.50 |
| Giant Masterpiece (Frilled Pansy). Petals beautifully waved, exquisite colors                                                                | .....      | .15     | .85 3.00      |
| Cassier's Giant. A fine strain of large highly colored flowers                                                                               | .....      | .15     | .85 3.00      |
| Giant Buxton's Stained. Exhibition. Extra choice flowers, large and plenty of light colors                                                   | .....      | .50     |               |
| Giant Madame Perret. A recent introduction, by a celebrated French specialist; of strong, free growth. Especially rich in red shades         | .....      | .15     | .85 3.00      |
| Giant Fire King. Brilliant reddish yellow, with large brown eyes                                                                             | .....      | .25     | 1.00 3.00     |
| Giant Lord Beaconsfield. Deep purple violet, top petals light blue                                                                           | .....      | .15     | .50 1.50      |
| Giant Canary Bird. A five-spotted yellow variety. Ground color is a deep golden yellow and each petal is marked with a dark blotch.          | .....      | .15     | .85 3.00      |
| Giant Orchidaceaflora, or orchid-flowered Pansy. Splendid variety. Beautiful shades of pink lilac, orange, rose, terra cotta, champagne etc. | .....      | .25     | 1.25 4.00     |
| Giant Emperor William. Ultramarine blue, purple-eye                                                                                          | .....      | .10     | .50 1.50      |
| Giant Golden Queen. Bright yellow, no eye                                                                                                    | .....      | .15     | .60 2.00      |
| Giant Golden Yellow. Yellow, brown eye                                                                                                       | .....      | .15     | .75 2.50      |
| Giant King of the Black. Black                                                                                                               | .....      | .15     | .60 2.00      |
| Giant President McKinley. Golden yellow, large dark blotch                                                                                   | .....      | .15     | .85 3.00      |
| Giant Prince Bismarck. Yellowish bronze, dark eye                                                                                            | .....      | .25     | .75 2.50      |
| Giant Rosy Lilac                                                                                                                             | .....      | .15     | .60 2.00      |

**ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street NEW YORK**

## Ferns for Dishes

|                                                                                                      | Per 100 | Per 1000                                       |
|------------------------------------------------------------------------------------------------------|---------|------------------------------------------------|
| 2 1/2-in                                                                                             | .....   | \$3.50 \$30.00                                 |
| Asparagus Plumosus, 2 1/2 inch                                                                       | .....   | \$3.50 per 100;                                |
| \$30.00 per 1000.                                                                                    |         |                                                |
| Poinsettias, strong 2 1/2 inch pot plants                                                            | .....   | \$5.00                                         |
| per 100; \$45.00 per 1000.                                                                           |         |                                                |
| Primroses, Obconica, Chinese and Kewensis, best large flowering strain, strong 2 1/2 inch pot plants | .....   | \$3.00 per 100 \$25.00 per 1000.               |
| Chrysanthemums for pot culture mostly for single and pom-pom, strong bushy plants                    | .....   | 4 1/2-inch pots \$1.00 per doz. \$5.00 per 100 |
| Christmas Peppers, 2-inch pots \$2.50 per 100.                                                       |         | 500 at 1000 rates. Cash with order.            |

**FRANK OECHESLIN,**

4911 Quincy St., CHICAGO

## For Fall Planting

Lilium Tenuifolium, Hansoni, Davuricum, Henryi, Elegans and Wallacei; Daphne Cneorum, Delphinium Formosum, Syringa Japonica, German and Japan Iris. Fall list issued in August.

**E. S. MILLER, Wading River, N. Y.**

Field-Grown Carnation Plants of

## Bright Spot

ready after August 1.

**Nic. Zweifel, North Milwaukee, Wisconsin.**

## Flower Colors

Use our COLOR CHART in describing them  
PRICE, \$1.00 POSTPAID.

**American Florist Co.,**

440 S. Dearborn St., CHICAGO

## ORDER NOW

### Ayres' Superior Christmas Sweet Pea Seed

Christmas Pink Christmas White Christmas Red,  
Christmas Blue Christmas Lavender Pound,  
\$1.50; 1/4 pound, 50c; ounce 20c.

Write for catalogue of many other varieties.

**S. B. AYRES CO.,** Sunnyslope, Independence, Mo.  
Florists—Nurserymen—Seedsmen

—10 Miles East of Kansas City, Mo.—

## POINSETTIAS

(TRUE TYPE)

JULY AND AUGUST DELIVERY

We will have a fine lot ready early in July. Strong 2 1-2 in. pot plants.

Price, \$5.50 per 100;  
\$50.00 per 1000.

**A. HENDERSON & CO.,** 162 N. Wabash Ave.  
CHICAGO.

## CARNATIONS

**F. DORNER & SONS CO.**

La Fayette,

Indiana.

## PANSIES

### Brown's Improved Giant Prize Pansy Seed

Finest Strain in the Market.  
1911 Crop, Mixed Seed:

|        |       |        |        |       |         |
|--------|-------|--------|--------|-------|---------|
| 1/8 oz | ..... | \$1.00 | 1 oz   | ..... | \$ 5.00 |
| 1/4 oz | ..... | 1.50   | 1/4 lb | ..... | 14.00   |
| 1/2 oz | ..... | 2.50   | 1/2 lb | ..... | 25.00   |
| 1 lb   | ..... |        |        |       | \$50.00 |

Separate colors: Giant Yellow, Giant White, Lord Beaconsfield, Emperor William, same price. Cash with order.

**PETER BROWN, Lancaster, Pa.**  
Please mention the American Florist when writing.

## Perfectly Clean Boston Ferns

for growing on, we have 15,000 of them

|                                              |       |                              |
|----------------------------------------------|-------|------------------------------|
| 3-inch                                       | ..... | \$8.00 per 100               |
| Asparagus Seedlings, prepaid we have 200,000 |       |                              |
| Plumous                                      | ..... | 90c per 100; \$7.50 per 1000 |
| Sprenger                                     | ..... | 60c per 100; \$5.00 per 1000 |

— Cash, please.—

**THE REESER PLANT COMPANY**

Exclusively Wholesale  
Plasmen  
SPRINGFIELD OHIO

**J. D. Thompson Carnation Co.**

Carnation Specialists

JOLIET,

ILL.



## Market Gardeners

### Vegetable Growers' Association of America.

B. L. Watts, State College, Pa. President;  
H. F. Hall, Boston Mass., Vice-President;  
S. W. Severance, 508 Illinois Life Building,  
Louisville Ky., Secretary; M. L. Rustenik,  
Cleveland, O., Treasurer.  
Annual meeting at Boston Mass., 1911.

### Asparagus Palmetto.

ED. AMERICAN FLORIST:

Not having had much experience, will you kindly advise me in regard to the culture of Asparagus Palmetto? During the growing season should all the growths not fit for the table be cut or pulled away and nothing left but the strong crowns? When should cutting be stopped and everything allowed to grow?

ANXIOUS BEGINNER.

The culture of Asparagus Palmetto will not differ from the other varieties. There are certain rules that apply to all asparagus. The most important rule is to feed liberally, so much so that it may almost be said asparagus cannot be overfed. This means manure and fertilizers both. Any fertilizer should abound in potash in some form. A young asparagus bed should not be cut at all the first season, nor the second; the third year if strong cut everything clean for a short period, which is thirty days. The fourth year the normal cutting can be practiced, which means about 60 days, cutting everything as fast as of proper size. When cutting ceases the field should be carefully cleaned of weeds and well cultivated and fertilized, and from then on nothing should be cut away until hard freezing weather, when the tops can be mowed off and burned to destroy their own seed, which is as much a nuisance as any weed seed. It must be borne in mind that any spring growth for cutting is really built up the previous season, hence we must get a strong growth soon for next year's cut. Any summer neglect cannot be remedied in the spring.

Summary: Well drained land, plenty of room, ample feeding, clean culture, several years' start before cutting, are the essential points to asparagus growing.

MARKETMAN.

### Does it Pay to Spray Potatoes?

For the last four years the weather has been dry and unfavorable to potato blights and rots, and potato growers have been asking this question for many years. "Does it pay to spray potatoes?" The New York Agricultural Experiment Station has been carrying on a ten year experiment, starting in 1902 with the idea of solving the question. Beside these experiments for eight years the station has co-operated with farmers in different parts of the state in so-called business experiments and 207 volunteer experiments were carried on during seven years. The results at the station were to date an average increased yield of 98 bushels per acre where the vines were sprayed every two weeks and 72 bushels per acre where sprayed three times. In the business experiments the average increase in yield per acre was 38.4 bushels with a net profit of \$15.25 per acre, and the average gain for seven years in the volunteer experiments was 53.4 bushels per acre.

### Irrigation.

This season has been an excellent one to bring out the weak and strong points of irrigation. After a cold and wet April we jumped into a hot May, so to speak spring was cut out altogether; it was a change from winter to summer. At this date it is more than five weeks since the last rain coupled with extremely high temperature and dry winds.

We have part of our ground covered with overhead sprinkling pipes. During the month of May we were very short of water owing to the slow completion of a contract for a well. Since the first of June we have had ample water, but the capacity of our machinery is insufficient to cope with the large acreage and the fierce drouth. These conditions have brought out some remarkable results, well worth noting. As before said we were short of water in May—hence had to use it sparingly. We decided to use the scant supply to spray our crops during the latter part of the day, rather than soak any one piece. The result was very satisfactory, because there was enough sub-soil moisture to feed the plants.

A good many people have an idea that water shall not be thrown on plants in full sunlight. No greater mistake could be conceived. The damage to a crop occurs during the noon hours, and if we could spray our fields between nine and three o'clock, say once an hour, we could overcome severe drouths very well. In our case there was never enough water used to wet the earth so as to form a crust; we used the wheel hoe freely to keep the soil much in shape and only enough water to prevent flagging in the hot sun. The results obtained were beyond expectations. Plants made excellent progress and the cost of this treatment would be no greater than the constant weeding and hoeing needed in a wet season; added is the high market prices for all goods of fine quality.

Since the first of June conditions have changed as the subsoil moisture is slowly playing out and we must resort to heavy watering if rains do not come soon. We find we can maintain proper moisture easy enough in quiet weather, but in driving winds the spray

is evaporated as fast as supplied. During such spells the night must be used to put water into the ground as evaporation is less. MARKETMAN.

THE Northern Indiana florists had their picnic at Winona Lake July 19.

MAPLEWOOD, MASS.—BURGESS & COONEY are erecting an addition to their greenhouse plant on Lebanon street.

BROOKLYN, N. Y.—The steamships Minias Geras and Zulia which arrived July 6 and 9 respectively both had large shipments of orchids in their cargoes.

LOS ANGELES CALIF.—The Ingleside Floral Co. has been incorporated with a capital stock of \$25,000. The directors are F. E. Gray, A. W. Ross and H. D. Ross.

BELOIT, WIS.—The John C. Moninger Co., Chicago, has secured the contract of John Rindfleisch for two ranges of greenhouses consisting of 25,000 feet of glass. The contract includes the glass, boilers and all other necessary equipment.

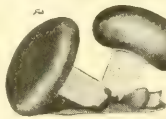


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REVISED AND ENLARGED EDITION.

A new and larger edition of this well known work on market gardening. It contains everything a market gardener wants to know, and in a form easily understood. It is an invaluable guide to any one in the business from the beginner to the most experienced.

PRICE \$1.10

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Cabbage, Wakefield All Head Succession and other varieties \$1.00 per 1000; 10.00 and over 85c per 1000.

Lettuce, Grand Rapids Big Boston. B. ston Market and Tennis Ball. \$1.00 per 1000; 10.00 and over 85c per 1000.

Beet, Crosby Egyptian and Eclipse. \$1.25 per 1000 Cash with order.

R. VINCENT, JR., & SONS CO., White Marsh, Md.

Mention the American Florist when writing

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER AND EXPORTER on the VERY LARGEST SCALE of all  
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1874.)

Specialties: Beans, Beets, Cabbages, Carrots, Kohi Rabi, Leek, Lettucens, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbena, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$5.00 per oz., \$1.50 per ¼ oz., 75c per 1-16 oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

I ALSO GROW LARGELY SEEDS ON CONTRACT.

# We Are Making This Extraordinary Offer IN ROSE PLANTS Because We Need the Room

If you are in need of good choice Rose Plants, order of us immediately, to-day, **NOW**, before they are all sold.

## GOOD STOCK AT THE FOLLOWING PRICES:

| From 3-in. pots.       |         |          |
|------------------------|---------|----------|
|                        | Per 100 | Per 1000 |
| American Beauties..... | \$5.00  | \$40.00  |
| Perle.....             | 5.00    | 40.00    |

| From 2 1/2-in. pots. Per 100 Per 1000 |        |         |
|---------------------------------------|--------|---------|
| American Beauties.....                | \$3.00 | \$25.00 |
| White Killarney.....                  | 5.00   | 40.00   |
| Maryland.....                         | 5.00   | 40.00   |
| Perle.....                            | 3.00   | 25.00   |

| From 2 1/2-in. pots. Per 100 Per 1000        |        |         |
|----------------------------------------------|--------|---------|
| Uncle John.....                              | \$2.50 | \$20.00 |
| Ivory.....                                   | 2.50   | 20.00   |
| Asp. Sprengerl, 2 1/2-in. pots, per 100..... | \$2.5  |         |

**PETER REINBERG, 30 East Randolph St., Chicago**

## Field Grown Carnation Plants Direct from the Grower.

|                             | Per 100 | Per 1000 |
|-----------------------------|---------|----------|
| Light Pink Enchantress..... | \$7.00  | \$60.00  |
| Lawson E. Chantress.....    | 7.00    | 60.00    |
| Rose Pink Enchantress.....  | 7.00    | 60.00    |
| White Enchantress.....      | 8.00    | 70.00    |
| White Perfection.....       | 7.00    | 65.00    |
| Sangamo.....                | 8.00    | 75.00    |
| Alvina.....                 | 7.00    | 65.00    |
| Dorothy Gordon.....         | 8.00    | 75.00    |
| May Day.....                | 7.00    | 65.00    |
| Pink Delight.....           | 7.00    | 65.00    |
| Victoia.....                | 7.00    | 60.00    |
| Georgia.....                | 7.00    | 60.00    |
| Afterglow.....              | 7.00    | 60.00    |
| Winsor.....                 | 6.00    | 55.00    |
| Beacon.....                 | 7.00    | 60.00    |
| Victory.....                | 7.00    | 60.00    |
| Harlequin.....              | 6.00    | 55.00    |
| M. A. Patten.....           | 6.00    | 55.00    |
| B. Market.....              | 6.00    | 55.00    |
| Queen.....                  | 6.00    | 55.00    |
| Lady Bountiful.....         | 6.00    | 55.00    |

All of the above plants are in fine condition, clean, thrifty and vigorous guaranteed in every way. If on receiving any of the above plants, they are not as represented, they can be returned at once and your remittance will be refunded. It pays to buy good stock such as we grow. They will produce twice as many blooms as the cheaper grade offered. Stock ready for shipment July 10.

Cash with order.

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## Geraniums

Rooted cuttings ready to grow of Nutt, Ricard, and Post-vine, \$10.00 per 100. Orders booked for fall delivery at same price.

### SMILAX

Pot plants on and after Aug. 15 at \$10.00 per 100.

### SPRENGER

Pot plants at \$1.50 per 100.

### IRIS

The best early true blue, yellow and lavender at \$1.50 per 100.

### LIME

Hydrated pulverized and bagged, will keep is the best you can buy and a paying investment at \$4.50 per one-half ton.

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## Am. Beauties

H. P's and Mosses, 2 1/2 and 4-inch.

THE LEEDLE FLORAL COMPANY - SPRINGFIELD, OHIO.

**Poinsettias** Place your order for Poinsettias NOW to insure early delivery. We will have strong 2 1/2-in. ch pot plants ready in July, \$6.00 per 100; \$50.00 per 1000.

Katalog for the asking.



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### SPECIAL OFFER

#### Roses Ready to Plant

- 2,000 Double Pink Killarney, grafted, 3-inch.
- 5,000 Killarney, grafted, 3-inch.
- 1,000 Bridesmaid, grafted, 3-inch.
- 1,000 Bride, grafted, 3-inch.
- 500 Bon Silene, grafted, 2 1/4-inch.
- 2,000 Mrs. Aaron Ward, grafted, 2 1/4-inch.

\$12.00 per 100; \$100.00 per 1000.

- 2,000 White Killarney, grafted, 2 1/4-inch.
- 5,000 Killarney, grafted, 2 1/4-inch.

\$10.00 per 100; \$80.00 per 1000.

Mention the American Florist when writing

## HYDRANGEA Souvenir de Claire

The New Hydrangea of Begonia Lorraine Shade.

Strong plants from 8 inch pots, for growing on.

Price, \$5.00 per 100; \$50.00 per 1000.

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|                   | 2 1/2 in. | 3 in.   | 4 in.   | 5 in.   | 6 in.   | 7 in.   | 8 in.    |
|-------------------|-----------|---------|---------|---------|---------|---------|----------|
| Bostons.....      | \$5.00    | \$10.00 | \$15.00 | \$25.00 | \$30.00 | \$40.00 | \$100.00 |
| Whitman.....      | 6.00      | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Amerpholli.....   | 6.00      | 12.50   | 20.00   | 35.00   | 60.00   | 85.00   | 125.00   |
| Pieronii.....     |           |         |         | 35.00   |         |         |          |
| Superbissima..... |           |         |         | 35.00   |         |         |          |
| Plumosa.....      | 3.50      | 8.00    | 15.00   | 25.00   | 50.00   | 100.00  |          |
| Sprengerii.....   | 2.50      | 5.00    | 12.50   | 25.00   |         |         |          |
| Maiden Hair.....  | 5.00      | 15.00   | 25.00   |         |         |         |          |
| Small Ferns.....  | 5.00      |         |         |         |         |         |          |

GEO. A. KUBL, Wholesale Florist, 423 Main Street, Peoria, Ill

## Poinsettias

From 2 1/2-in. pots. Strong, well established plants. Ready July 1. \$5.00 per 100; \$45.00 per 1000.

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**PAINESVILLE NURSERIES.**  
CATALOGUES AND PRICE LISTS  
FREE ON APPLICATION.....

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## The Nursery Trade

### American Association of Nurserymen

J. H. Dayton, Painesville, O., President.  
W. H. Wyman, North Abington, Mass., Vice-President.  
President: John Hall, K. Chester, N. Y., Sec'y.  
Thirty seventh annual convention to be held at Boston, Mass., 1912.

### The Catalpas at Arnold Arboretum.

In the "Bulletin of Popular Information" issued by the Arnold Arboretum June 20, attention is called to the catalpas, philadelphus, ligustrums, potentillas and rhamnus (buckthorns). Of the catalpas the following is published:

The Western, or, as it is sometimes called, the Hardy Catalpa, *Catalpa speciosa*, is in flower this week. The true characters of this tree were overlooked by botanists until about thirty years ago when the remarkable durability of its wood first called much attention to it. It is a native of the valley of the Mississippi where on the rich, moist and often inundated bottomlands of streams it sometimes attains the height of one hundred feet. It differs from the other American species, *Catalpa bignonioides*, which will not be in flower for two or three weeks, by the longer points of the leaves, by the larger flowers only slightly spotted on the inner side of the corolla and borne in short open few-flowered clusters, and by the stouter pods. It is a much harder tree than the more southern species and has a more erect habit, and it grows more rapidly; indeed it often grows too rapidly and then sometimes suffers in cold winters from splits in the trunk. At one time much was expected of this tree and the agricultural and horticultural journals were filled with descriptions of its many virtues. All the catalpas have only a thin layer of sapwood, and the whole trunk is therefore almost entirely composed of heartwood; this resists decay for a long time, and there are well authenticated records of catalpa fence-posts having remained in the ground for half a century without deterioration. For the production of fence-posts, telegraph and other poles, no other tree gives a better yield if it is planted in rich soil. Catalpa wood is very soft, and the claims that this tree would supply the railroads with the best possible ties have not been fulfilled for the wood is too soft to resist the cutting of the rails. If as a timber tree the Western Catalpa is less valuable than was at one time supposed, it is the handsomest of all the catalpas which have flowered in the United States and a fast-growing, desirable, ornamental tree.

*Catalpa ovata* (sometimes called *Catalpa Kaempferi*), a native of central and western China, although first brought to this country from Japan where it has been cultivated for more than two centuries, is not yet in flower. This is a small tree which in July produces in great profusion its small light yellow flowers which are succeeded by slender pods. It is harder than either of the American species but very inferior to them as an ornamental tree. A hybrid of this tree and one of the American species, *Catalpa Tzeilii*, is a valuable ornamental tree. It appeared several years in the nursery of J. C.

Teas in Indiana, and is a perfectly hardy and fast-growing tree with larger leaves than either of its parents and enormous flower-clusters containing from two hundred to three hundred flowers. The corolla is slightly tinged with yellow and is marked by broad purple stripes. This hybrid will not be in flower until next month.

*Catalpa Bungei* is established in the arboretum where it appears perfectly hardy. This small tree is a native of northern China where it is often planted in temple gardens and was introduced by the Arboretum into the United States and Europe a few years ago. It has very dark green leaves and small yellow flowers in small clusters and, although it has not yet flowered here or in Europe, it will probably be of slight value as an ornamental tree. There is another plant usually called *Catalpa Bungei*. This is a dwarf, round-headed bush which is often planted in formal gardens where it is frequently seen grafted on the tall naked stems of one of the tree species. This dwarf, which never flowers, is really a form of *Catalpa bignonioides* and how it got the name of *Catalpa Bungei* is a mystery which will probably never be cleared up. The right name is *Catalpa bignonioides*, var. *nana*, but nurserymen will probably continue to sell it as *Catalpa Bungei*. Two Chinese catalpas raised from seeds collected by Mr. Wilson in the eastern part of the empire have passed successfully through the winter but it is too soon to speak of their value. The catalpas are planted in a large group on the eastern slope of Bussey Hill between the ashes and the elms, and above the bank occupied by the lilac collection.

### The Chestnut Bark Disease.

In the report of the botanist of the Connecticut Agricultural Experiment Station for 1909-10 we find the following with reference to the chestnut bark disease, which has caused such extensive ravages in many places during the past five or six years: "In 1908 we gave an account of this trouble. At that time it had been reported in every one of the twenty-three towns of Fairfield County, and in eight towns in New Haven County, making thirty-one towns altogether. At the time of writing this article (March 20, 1911), its known distribution is as follows: Fairfield County, twenty-three towns; New Haven County, twenty-one towns; Litchfield County, fourteen towns; Hartford County, seven towns; Middlesex County, two towns; Tolland County, three towns; Windham County, one town; New London County, one town. This makes a total of seventy-two towns, of which only seven are east of the Connecticut River. We have no doubt that a more thorough survey of that region would reveal its presence, in an inconspicuous way, in quite a few more towns.

"This increased distribution in the last three years may indicate that the disease has spread to those new localities, or it may mean that a more thorough search has revealed its presence, and that it has also become more prominent because of the four years of drought that have occurred, beginning with 1907. There are those who believe, however, that unfavorable weather conditions have nothing to do with the prominence of this disease,

which they suspect to be a recent importation into this country from Japan. If this theory is true, then we are just beginning to feel the effects of its devastation in this state. Personally, we have not yet found convincing proofs to cause us to change our views expressed in the above-mentioned Report. These views, briefly given, are (1) that the fungus is a native, weak parasite, usually very inconspicuous in its damage, and therefore rarely noticed; and (2) that the unusual winter of 1904, by severely injuring chestnut trees, gave it a chance to spring into unusual and sudden prominence, which it has since maintained and even increased by reason of four successive years of drought, that have injured not only chestnuts, but many other trees.

"We do not, and never have, questioned its seriousness. Trees that have been marked in two localities by the botanical and forestry departments have uniformly showed injury greatly in excess of that indicated when first examined. If our theory is correct, we do believe, however, with the return of several normally wet years the trouble will gradually grow less rather than more conspicuous as it should if weakened vitality of the trees has nothing to do with its development."

NEW BEDFORD, MASS.—An exhibition of rambler and other roses was held in the library building July 7 by the New Bedford Horticultural Society. In the evening the members listened to a paper by A. J. Fish on rose culture. Many of the prize winners at the show held June 27 have donated their premiums to the Society to be awarded again next year.

### Fruit Trees Apple and Peach. Large Stock. Fine trees. Prices reasonable.

MITCHELL'S NURSERY, Beverly, Ohio

## Phoenix Nursery Company

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Wholesale catalogue for Spring 1911 now ready

### Jacs Smits & Co., NAARDEN, (Holland)

Azaleas, (hardy), Berried Plants, Bleeding Hearts, Blue Spruces, Boxwood, Clematis, Climbing Plants, Conifers, Evergreens, Funkias in sorts, Hydrangea P. O., Japan Maples, Peonies, Pot-grown Plants, (Lilacs a specialty), Rhododendrons, Roses, Spiraeas, Valleys.

Price List Free on Demand.



### Arbor Vitæ

(Thuja Occidentalis.)

A splendid sort of 3 to 4 ft. and 4 to 5 ft. trees.

Write for descriptions and prices.

The Wm. H. Moon Co., MORRISVILLE, PA.

## LARGE TREES

OAKS and MAPLES  
Pines and Hemlocks

ANDORRA NURSERIES.

Wm Warner Harper, Prop.

Chestnut Hill.

PHILA., PA.

# Vaughan's Pansies

## And Other Flower Seeds For Summer Sowing:::

**10 Per Cent Special Cash Discount**

On orders over \$2.00 for Flower Seeds, if the cash is enclosed, 10 per cent. The discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.



### CALCEOLARIA HYBRIDA Extra Choice Mixed

Our mixture is composed of the choicest selection of the tigered, marbled, spotted and variegated varieties, and we know will give entire satisfaction. Trade pkt. (1,000 seeds), \$0.50. 3 trade pkts. for \$1.40.

### GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted tigered, edged, marbled and splashed sorts of the upright and horizontal type, and includes such choice new sorts as Emperor William and Frederick, Princess Louise, DeLancey, etc., and we know that better seed is not to be had at any price. Trade pkt. (1,000 seeds), \$0.50; 3 trade pkts. for \$1.40.

### MIGNONETTE

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower. The plants grow from two to three feet high, and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Trade pkt. (about 1,000 seeds), 50c; per oz., \$7.00; ¼ oz., \$1.00.

### VAUGHAN'S INTERNATIONAL PRIMULA MIXTURE

This mixture is composed of the most salable colors of Single Flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone.

Trade pkt. of 350 seeds, 50c; 5 trade pkts., \$2.00; per 1-16 oz., \$3.25.

### ASPARAGUS SPRENGERI

100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.25.

Our list of "Seeds for Summer Sowing," now ready; if you have

### VAUGHAN'S GIANT PANSIES Vaughan's Cut Flower Mixture

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Pansies are easily grown as really, require little care and bring better returns. Trade pkt. 50c, ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$8.00.

### Vaughan's "Giant Pansy Mixture"

Embraces besides all the separate shades and colors, five special strains not listed elsewhere, and which can only be had in this and our International mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain. Trade pkt. 25c, ¼ oz. 60c, oz. \$4.00, ¼ lb. \$14.00.

### Vaughan's International Pansies

#### The World's Best

This is one of the specialties which has established and held the reputation of Vaughan's Flower Seeds, and this is one which we maintain most carefully, not alone as to quality, but in vitality and germination. You are beginning right in Pansy growing when you start with Vaughan's International Mixture. Trade pkt. 50c, ¼ oz. \$1.50, ½ oz. \$5.00, oz. \$10.00.

### CINERARIA

#### Vaughan's Columbian Mixture

It consists of a mixture made up by ourselves of the choicest English, French and German strains, and cannot be excelled in variety of colors, size, shape and substance of flowers, and perfect habit of plant. Trade pkt. (500 seeds), 50c; 3 trade pkts., \$1.40.

### Vaughan's Giant-Flowered Cyclamen

Pure White (Mont Blanc); Dark Crimson, Rosa von Marienthal, "Daybreak" pink; Dark Rose, White with Crimson Eye. Per 100 seeds, \$5.00; 1,000 seeds, \$5.00; 250 seeds of a color at the 1,000 rate. Giant-Flowered Cyclamen, extra choice mixed. Per 100 seeds, \$0.50, 250 seeds, \$1.15, 1,000 seeds, \$4.50, 5,000 seeds, \$20.00. This mixture is made up from the above separate colors. New Salmon (Glory of Wandse). Per 100 seeds, \$1.35; 250 seeds, \$2.85; 1,000 seeds, \$10.50.

### Giant Orchid-Flowered Cyclamen

These are exceptionally fine, with large flowers that are frilled and fringed in wonderful fashion. Pure White, Red, Pink, White with Carmine Eye, and Lilac Colored.

Each, per 100 seeds, \$1.00; per 1,000 seeds, \$8.00. Giant Orchid-Flowered Cyclamen, in choicest mixture: 25 seeds, \$0.25; 100 seeds, 85c; 1,000 seeds, \$7.00.

### English Grown Giant Cyclamen

Price, 100 Seeds, \$1.00; 1,000 Seeds, \$8.00. Princess May, Pale pink. "Princess of Wales, Giganteum variety, Pink. Mauve Queen, Giganteum variety, Mauve. "Duke of Connaught, Giganteum variety, Purplish crimson. "Duke of Fife, Giganteum variety, Dark rose. Salmon Queen, New extra choice color. Rosy Morn, Giganteum variety, Delicate rose color, Claret base. Picturatum, Light rose tinted, with claret base. "Grandiflora alba, The largest giant white flower. Excelsior, White, with red base. Extra large flowers.

### SMILAX

Trade Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

Not received a copy, please write for same.

31-33 W. Randolph St.,  
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## VAUGHAN'S SEED STORE

25 Barclay St.,  
NEW YORK

Greenhouses, Trial Grounds and Nurseries: Western Springs, Illinois.

### Nassau County Horticultural Society.

The regular monthly meeting of the society was held in Pembroke hall July 12, President Trepass occupying the chair. Messrs. Everett, McKenzie and Carter were appointed judges of the exhibits and their decisions were as follows: Society's prize, 25 white sweet peas, J. McDonald, first; 25 pink sweet peas, J. McDonald, first; 25 any other color, J. McDonald, first. J. Ingram special prize, 12 varieties sweet peas, 25 sprays of each. Geo. Barton, first. Honorable mention was awarded H. Grant for sweet peas; F. Petrocchia for cucumbers; and the thanks of the society to F. Petrocchia for Zepplin beans. The secretary read a list of those who had offered special prizes for the fall show and it was moved and seconded that a very hearty vote of thanks be accorded to all donors.

It was decided that the dahlia show be held in Pembroke hall September 29 and the executive committee were requested to draw up a schedule for the dahlia show and report at the next meeting. It was decided to have the annual outing on August 10 and it was left with the executive committee to make all arrangements and issue the tickets for sale.

F. Adams of Quogue, L. I., gave a very able talk on "Hum Leaf Mold," which is being produced by Francis & Camerden, Quogue, L. I. Mr. Adams was accorded a hearty vote of thanks. Eugene Moquin of Roslyn was elected to active membership.

The society's prize in August will be for 12 asters mixed, six Japanese lilies and 12 gladioli. Mr. Ingram's prize for four vases of asters, one each, white, pink, blue and rose.

E. WESTLAKE, Sec'y.

BROOKLYN, N. Y.—The plans for a \$40,000 laboratory and greenhouse addition to the Brooklyn Institute Museum on Eastern parkway were registered through the architects, McKim, Mead & White.

MINNEAPOLIS, MINN.—The premiums for the first nasturtiums grown by each boy or girl in the 13 wards have been awarded. The seed was distributed to the school children and the first flowers were picked 39 days after the children were given the seed.

WATERBURY, CONN.—The certificate of incorporation of Alexander Dallas, Inc., was filed with the secretary of state July 7. The capital stock is \$40,000 and the incorporators are Alexander Dallas, Catherine Dallas and Walter Dallas.



## THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.

440 So. Dearborn St.  
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### Greenhouses for Bedding Stock.

ED. AMERICAN FLORIST:

Can you inform me what size houses would be the best for growing bedding stock for park purposes?

Answering the inquiry of "H. H. T." one should know within reasonable limits what quantity of stock should be grown in order to answer the question intelligently. To my notion the ideal plant house is 18 feet wide and 100 feet long. The 18-foot width gives three five-foot benches and two 18-inch walks. If it is desired to have the walk a trifle wider the benches may be made 4 feet, 10 inches and then there will be two 21-inch walks.

If more than one house is to be built, they can be on the ridge and furrow plan with some of the iron gutters which are now so popular and without partition walls. Of course the understanding is that the houses will run north and south and be even span. It will be advisable to build them seven feet in the clear at the gutters and give the roof a good strong pitch. In this way head room will be gained so that one can walk from one house to another under the gutters. It will probably not be profitable to operate an establishment of less than one 18x100 ft. house so built as to allow future additions—that is with a gutter along one side which may be utilized when the next house will be built. Of course it will be possible to build two 50-foot houses side by side and subsequently lengthen them. But this is an expensive proposition, as in lengthening them, it is not only necessary to take out the ends of the houses but also to change the heating pipes, while with a house built 100 feet long, no change in the old house is necessary at all. In building the addition the old gutter is utilized and a new one set up on the other side so that houses may be added indefinitely.

The writer does not believe that houses over 100 feet long are advisable for growing stock, as the travel in carrying in and carrying out the plants is so great in long houses. W. N. RUDN.

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Richmond, American Beauty,

2 1/4-inch pots, \$7.00 per 100; 3-inch pots, \$9.00 per 100.

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Stock ready for shipping in small pots.

Standard varieties of CARNATIONS ready in cuttings or 2 1/4-inch pots.

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..... per 1000. \$17.50..... 2 00

Pansy Seed, Giant flowering..... oz., \$4.00.

Cash.  
Please.

JOS. H. CUNNINGHAM, Delaware, O.

### Perennials for Next Season.

ED. AMERICAN FLORIST:

Will you kindly furnish me with the names of a few perennials that can be grown in frames that will make blooming plants for bedding out next season? What is the best manner for treating such plants? S. G. N. Kansas.

It is not too late to sow most of the seeds of hardy plants and get good strong roots to plant out next season, but they must have frame protection at the time of sowing and afterwards through winter until spring. A good seed bed may be made by using as many sash as are needed, make the soil fine, sow in drills, and protect with either lath screens or cotton cloth after sowing to keep the frame cool and moist. When large enough the seedlings may be transplanted, shaded for a week or two until established and then let them grow until winter when protection must be given first with a sash and later straw or hay on top to keep the young plants from freezing and thawing. The covering may be taken off early in spring and plenty of air given to keep them dormant as long as possible until it is time to bed them outdoors.

Should any seeds fail to grow this year, they may come in spring after a freezing. This is often the case with some perennial seeds such as columbines, trolius, asphodels or crenurus. Seeds that ripen later on may be sown in the greenhouse after January and be strong plants to set out in spring fol-

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Ready August 1.

Per 100

Chinese Obsc. Alba, Rosea and Forbesi..... 2 00

Obconica Gigantea and Sanguinea, 2 1/4 in. pots..... 3 00

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2500 Killarneys, 3 in..... 4c  
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1000 Asp. Plumosis Nanus..... 7c

All fine stock. Cash with order.

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lowing. Most of these will bloom the same year. The dianthus, sweet williams, delphiniums, coreopsis, agrostema, campanula, hollyhock, Lobelia cardinalis, gaillardias, Papaver orientale and the dwarf perennial kinds, all these will make growth enough to winter well if sown at once.

E. O. ORPET.

### Nierembergias.

ED. AMERICAN FLORIST:

Can you inform us when the seeds of Nierembergia should be sown in order to have good specimens for May?

S. G. N.

To have nice plants of Nierembergia for May the seed should be sown the first of February and potted up as required. If large plants are wanted cuttings can be made in August and grown on in the cool greenhouse on a light, airy shelf and potted in 5-inch pots in March in which they will flower and can be transplanted to beds or vases when the weather will permit in the spring.

W.

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A Fine Assortment of Pompons,  
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| My Maryland, 3½-in.    | ..... | 120.00   |
| My Maryland, 2½-in.    | ..... | 80.00    |
| Beauties, 3-in.        | ..... | 65.00    |
| 2-in.                  | ..... | 50.00    |

| GRAFTED STOCK.          |       | Per 1000        |
|-------------------------|-------|-----------------|
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| Pink Killarney, 3½-in.  | ..... | 65.00           |
| Perles, 3½-in.          | ..... | 75.00           |
| Pink Killarney, 2½-in.  | ..... | 65.00           |
| My Maryland, 2½-in.     | ..... | 65.00           |
| Richmond, 2½-in.        | ..... | 45.00           |
| White Killarney, 2½-in. | ..... | 65.00           |
| Stevia, 2½-in.          | ..... | per 100, 2.50   |
| Sprenger, 3½-in.        | ..... | per 1000, 45.00 |

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Clematis Paniculata, strong, from 4 in. pots.  
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plants, 3 year old 24 to 26 inches high, 75c to  
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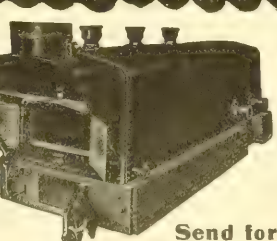
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Bedding stock, geraniums, 2 1/4-in., \$1.50 per 100; \$12.50 per 1,000. Verbenas, phlox, alyssum, dusty miller, fuchsias, Asparagus Sprenger, smilax, 2 1/4-in., \$2 per 100; \$20 per 1,000. J. C. Schmidt, Bristol Pa.

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15,000 Bouvardia (single), good, strong, 2 1/4-in. pluk, white and a few red, \$2.50 per 100; \$22.50 per 1,000. Cash. Morel Bros., 622 E. Market St., Scranton, Pa.

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| Beacon            | 7.00    | 65.00    |
| O. P. Bassett     | 7.00    | 60.00    |
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30 Grand Ave., Ft. Thomas, Ky.

Carnations, strong, well branched field plants, APPLE BLOSSOM (Grown and endorsed by Patten & Co., carnation specialists, Tewksbury, Mass.), PINK DELIGHT, DOROTHY GORDON, DON, Wanoka Greenhouses, Barneveld, N. Y.

Enchantress and Rose Pink, field-grown, \$6 per 100; \$50 per 1,000. White Perfection, second, \$4 per 100; \$30 per 1,000. Cash with order. E. A. Raubke, Holland St., near Woodville St., Toledo, O.

Carnations. For varieties and prices see advertisement elsewhere in this issue. Howard F. Kleinhaus, 60 Centre Square, Easton, Pa.

Carnation Washington, \$10 per 100; \$75 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations. For varieties and prices see advertisement elsewhere in this issue. John F. Sabransky, Kenton, O.

Carnations. Wood Bros., Fishkill, N. Y.

Carnation Bright Spot, N. Zweifel, North Milwaukee, Wis.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dörner & Sons Co., La Fayette, Ind.

Carnations, leading varieties. Chas. H. Totty, Madison, N. J.

## CHRYSAANTHEMUMS.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Fockelman Bros. Co., Morton Grove, Ill.

Chrysanthemums, mostly single and pompons. 4½-in. 1¢ per doz.; \$8 per 100. Frank Oechslin, 4911 Quincy St., Chicago.

### CHRYSAANTHEMUMS.

#### Rooted Cuttings.

|                            |                            |
|----------------------------|----------------------------|
| White.                     | Pink.                      |
| 260 Early Snow.....\$2.00  | 100 Ivory.....\$2.00       |
| 100 Mrs. Buckbee 2.00      | 200 Mary Mann.....2.00     |
| Pink.                      | Red.                       |
| 250 Rosiere.....2.00       | 800 Intensity.....2.00     |
| 400 Monogram.....2.00      | 300 Black Hawk.....2.00    |
| Pompons—Rooted Cuttings.   |                            |
| 200 B. Margaret.....\$2.00 | 300 Mrs. F. Beu.....\$2.00 |
| 250 Lulu.....2.00          | 200 Black Hawk.....2.00    |
| 100 Garza.....2.00         | 800 Baby.....2.00          |
| 500 Emilie.....2.00        |                            |

#### Cut Back Plants.

|                        |                          |
|------------------------|--------------------------|
| 500 Rosiere.....\$2.00 | 900 Intensity.....\$2.00 |
| 500 Toussent.....2.00  | 300 Black Hawk.....2.00  |
| 100 Nagoya.....2.00    | 300 Mary Mann.....2.00   |

### WEITOR BROTHERS,

162 N. Wabash Ave. Chicago.

Chrysanthemums, novelties and standard varieties. Chas. H. Totty, Madison, N. J.

Chrysanthemums, leading vars. Wood Bros., Fishkill, N. Y.

## CINERARIAS.

Cinerarias, stellata, 3-in., 4c. Mosback Greenhouse Co., Onarga, Ill.

## CLEMATIS.

CLEMATIS DUCHESSE OF EDINBURGH, 6-in., \$4 per doz. CLEMATIS JACKMANI, 6-in., \$1 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Clematis paniculata, 4-in., \$10 per \$100; 3-in., \$5. C. Elesele, 11th and Westmoreland Sts., Philadelphia.

## COLEUSES.

Coleus, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, Standard varieties, 2½-in., 1½c. Mosback Greenhouse Co., Onarga, Ill.

Coleus, 2-in., \$2 per doz.; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## CROTONS.

CROTONS, 3-in., \$10 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Crotone, 4-in., \$2 per doz.; 3-in., \$1 per doz. C. Elesele, 11th and Westmoreland Sts., Philadelphia.

## CYCLAMENS.

Cyclamen, best plant commercial strain, 8 separate colors or mixed, 2-in., 4c. J. L. Schiller, Toledo, O.

Cyclamen, well grown, fine strain, 4-in., \$15 per 100; 5-in., \$25 per 100. Skidsley & Irwin Co., 1215 Betz Bldg., Philadelphia.

Cyclamens, 2½-in., \$5 per 100; 3-in., \$7 per 100. Scranton Florist Supply Co., Scranton, Pa.

## CYPERUS.

CYPERUS (umbrella plant) 3-in., 75c per doz.; \$6 per 100. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## DAHLIAS.

Dahlias. Peacock Dahlia Farms, Williams-town, Junction, N. J.

Dahlias. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## DRACENAS.

DRACAENA MASSANGIANA, strong, 5-in., \$1.25 each. DRACAENA FRAGRANS, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3 per doz., 5-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Dracena indivisa, 4-in., \$10 per 100; 2-in., \$2 per 100; \$18 per 1,000. Wettlin Floral Co., Hornell, N. Y.

Dracena indivisa, 2½ in., 3c. Mosback Greenhouse Co., Onarga, Ill.

Dracena indivisa, 4-in., \$10 per 100. Geo. M. Emmans, Newton, N. J.

## FERNS.

CIBODIUM SCHIEDEL, 7-in., \$2.50 each, fine plants. FERNS FOR DISHES, 2-in., nice plants, \$3 per 100; \$25 per 1,000. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Nephrolepis Glaziersii, 2½-in., \$8 per 100; \$75 per 1,000; 4-in., \$25 per 100. Geo. Glaziers, 463 Summit Ave., West Hoboken, N. J.

Ferns, Boston. Harrell type; also Pierson ferns, 8-in., \$1 each. P. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Adiantum Farleyense, 2½-in., \$15 per 100. J. A. Peterson, Westwood, Cincinnati, O.

BOSTONS, 8-in., \$1 each; \$10 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Ferns, mixed for dishes, 3-in., 55c per doz.; \$6 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Boston, 3-in., \$8 per 100. Reeser Plant Co., Springfield, O.

Ferns, Whitman, 4-in., 25c each; 5-in., 35c; Boston, 5-in., 25c. GEO. M. Emmans, Newton, N. J.

Ferns for dishes, 2½-in., \$3.50 per 100; \$30 per 1,000; 500 at 1,000 rate. Frank Oechslin, 4911 Quincy St., Chicago.

Ferns. John Scott, Rutland Rd. and E. 45th St., Brooklyn, N. Y.

Ferns. Bobbink & Atkins, Rutherford, N. J.

## GERANIUMS.

Nice young stock from 2½-in. pots, Nutt, Grant (double), Poltevine, Buchner, \$2 per 100; \$17.50 per 1,000. Cqsb. The W. T. Buckley Co., Springfield, Ill.

Geraniums, Nutt, Perkins, Grant, La Favorite, R. C. \$1.25; 2-in., \$2; 3-in., \$4 per 100. Viand, Castellane, Poltevine, Jaulin, Ricard, Buchner, R. C. \$1.50; 2-in., \$2.50; 3-in., \$5. Geo. M. Emmans, Newton, N. J.

Geraniums, standard sorts, 3-in., \$3 per 100; 2-in., \$18.50 per 1,000. Novelities, one each of 50 sorts, \$5. Ivy geraniums, scented and variegated geraniums. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, R. C. Nutt, Ricard, Poltevine, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

## GREENS.

Greens, dagger and fancy ferns, \$1 per 1,000. Galax, 90c per 1,000. Boxwood, 50-lb. case, \$7.50. Laurel Wreaths, 10-in., \$1.75 per doz.; 12-in., \$2.25; 14-in., \$3; 16-in., \$4.50. Laurel trimming, 4c and 5c per yard. J. Jansky, 19 Province St., Boston.

Greens, southern wild smilax, log mosses, natural and perpetuated. E. A. Beaven, Evergreen, Ala.

Greens, evergreen, fancy and dagger ferns. Brodiaea and green galax. Geo. Cotsman & Co., 50 W. 28th St., New York.

Greens, wild smilax and decorative greens. George M. Carter, Evergreen, Ala.

Loretta, \$1.50 per case. Henry M. Robinson & Co., McWilliams, Ala.

## HARDY PLANTS.

Herbaceous plants, Bobbink & Atkins, Rutherford, N. J.

## HELIOTRCPES.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

Heliotrope, 2-in., \$2 per 100; 3-in., \$3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

## HYDRANGEAS.

Hydrangea Souvenir de Claire, the new hybrid of Lorraine begonia shade. Strong plants from 3-in. pots, for growing on, price \$5 per 100; \$50 per 1,000. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Hydrangea Avalanche, 2½-in., pots, 50c each; \$3.50 per doz.; \$25 per 100. W. & T. Smith Co., Geneva, N. Y.

## LILACS.

Lilacs. Jacs Smits, Ltd., Naarden, Holland.

## LILY OF THE VALLEY.

### To Import

Lily of the valley. Jacs Smits, Ltd., Naarden, Holland.

Lily of the valley. Otto Mann, Leipzig, Saxony, Germany.

### From Storage.

Lily of the valley, cold storage pips, case of 1,000, \$13; case of 3,000, \$36. J. M. Thorburn & Co., 35 Barclay St., New York.

Lily of the valley. H. N. Bruns, 3038-42 W. Madison St., Chicago.

## MOSS.

Sheet log moss, \$1.25 per 2 bus. sack. Chas. H. Cramer, Uniontown, Pa.

## MUSHROOM SPAWN.

Write for samples and attractive figures on Niagara Pure Culture Spawn, direct and transfer. Niagara Mushroom and Spawu Co., Lockport, N. Y.

Mushroom Spawn. Lambert's Pure Culture. American Spawu Co., St. Paul, Minn.

## NURSERY STOCK.

Nursery stock, evergreens, Conifers and pines, flowering shrubs, fruit trees, vinea and climbers. Bobbink & Atkins, Rutherford, N. J.

Nursery stock, large trees, oaks, maples, pines and hemlocks. Andorra Nurseries, Chestnut Hill, Philadelphia.

Nursery stock, apple and peach trees. Mitchell's Nursery, Beverly, Ohio.

## ORCHIDS.

Orchids of all kinds. Lager & Harrell, Summit, N. J.

## PANDANUS.

Pandanus Veitchii, \$1 to \$3 each. J. A. Peterson, Westwood, Cincinnati, O.

## PALMS.

PALMS. Kentia Belmoreana and Forsteriana, 2½-in., \$1.50 per doz.; 3-in., \$2 per doz.; 4-in., \$3.60 per doz.; 5-in., \$5 per doz.; Latania Borbonica, 3-in., 8c each; \$1 per doz; \$6 per 100; 4-in., \$3 per doz.; \$20 per 100. Phoenix Reclitana, 3-in., \$25 each; \$3 per doz. Phoenix Robetiani, 6-in., \$2.50 each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Palms. For varieties and prices see advertisement elsewhere in this issue. G. Aschmann, 1012 W. Ontario St., Philadelphia.

Palms. For varieties and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wycoate, Pa.

CYCAS, 4-in., 25c to 35c each; 5-in., 35c to 50c each; 6-in., 75c to \$1 each; 7-in., \$1 to \$1.50 each. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

## PEONIES.

300,000 peony plants. Let me figure with you. Can make prices that will interest you. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. All the leading varieties. The Good & Reese Co., Springfield, Ohio.

Peonies, all the leading varieties, Peterson Nursery, 59 N. La Salle St., Chicago.

Peonies, all vars. Jacs Smits, Naarden, Holland.

## PEPPERS.

Christmas Peppers, 2-in., \$2.50 per 100. Frank Oechslin, 4911 Quincy St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It

## POINSETTIAS.

POINSETTIA HEADQUARTERS.  
Strong, stocky plants. 100 1000  
2 1/2-in. .... \$5.00 \$40.00  
2 1/2-in., extra select. .... 6.00 50.00  
3-in. .... 8.00 70.00  
All orders filled strictly in rotation. Cash, please. ROBER & RADKE, Maywood, Ill.

Poinsett 2 1/2-in., \$5 per 100; \$45 per 1,000. Frank Oechalin, 4911 Quincy St., Chicago.

Poinsettias, 2 1/2-in., \$5 per 100. C. Eisele, 11th and Westmoreland Sts., Philadelphia.

Poinsettias, 2 1/2-in., \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 162 N. Wabash Ave., Chicago.

Poinsettias, 2 1/2-in., \$6 per 100; \$50 per 1,000. Skidelsky & Irwin Co., 1215 Betz Bldg., Philadelphia.

Poinsettias, 2 1/2-in., \$5 per 100; \$45 per 1,000. Scranton Florist Supply Co., Scranton, Pa.

Poinsettias, 2 1/2-in., \$5 per 100; \$45 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

## PRIMULAS.

Primulas from 2-in. pots, frame grown, no better strains in existence. Chinese, the best plant fringed, 12 separate colors, or mixed, 2c. Obconica grandiflora, Ronsdorfer and Lattmann, unrivaled hybrids. 14 colors or mixed, 2 1/2c. Obconica gigantes, 5 colors or mixed, 3c. J. L. Schiller, Toledo, O.

Primroses, Chinese, obconica, alba, rosea and Forbesii, \$2 per 100. Obconica gigantes and Sanguinea, 2 1/2-in., \$3 per 100. Jos. H. Cunningham, Delaware, O.

Primroses, obconica, Chinese and Kewensis, 2 1/2-in., \$3 per 100; \$25 per 1,000. Frank Oechalin, 4911 Quincy St., Chicago.

Primula obconica grandis rosea and mixed, 2 1/2 in., 60c per doz.; \$4 per 100. Vaughan's Seed Store, Chicago and New York.

## ROSES.

ROSES. Per 100. Per 1,000.  
American Beauty, 2 1/2-in. .... \$6.00 \$50.00  
J. C. John, 2 1/2-in. .... 3.00 25.00  
Richmond, 3 1/2-in. .... 6.00 50.00  
Pink Killarney, 3 1/2-in. .... 6.00

## WEITZER BROTHERS,

162 N. Wabash Ave. Chicago.

Roses, strong clean stock, own roots, Brides Maids and Bridesmaids, \$6 per 100. Kaiserin Augusta Victoria, Pink Killarney and Richmond, \$6 per 100. Grafted Richmond, White Killarney and Pink Killarney, \$12 per 100. P. R. Quinlan, Syracuse, N. Y.

Large 4-in. RICHMOND. 100 1,000  
Rose plants ..... \$4.00 \$35.00

## GOOD STOCK.

## GEORGE REINBERG,

162 N. Wabash Ave. Chicago.

Roses, Am. Beauty, 4-in., \$10 per 100. Brides Maids, Richmond, Chateaufort, Ivory, Queen Beatrix, Bon Silene, Pink Killarney and Golden Gate, 4-in., \$8 per 100. Grafted, Chateaufort, Ivory, Golden Gate, Uncle John, \$15 per 100; 3-in. stock. Chas. H. Totty, Madison, N. J.

PINK KILLARNEY, WHITE KILLARNEY, RICHMOND, and BRIDE, fine plants, immediate shipment, 2 1/2-in., \$4.50 per 100; \$40 per 1,000. WEILAND & RISCH, 154 N. Wabash Ave., Chicago.

Roses, strong, clean, own root stock from 3 1/2 and 4-in., few hundred left. Killarney and White Killarney. White for prices. Castle Grove Greenhouses, J. J. Curran, Supt., Danville, Pa.

ROSES, strong 3-in., ready to bench, White and Pink Killarney, Richmond and Perle, \$6 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Roses, for varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., Morton Grove, Ill.

Roses, for varieties and prices see advertisement elsewhere in this issue. Peter Reinberg, 30 East Randolph St., Chicago.

Roses, for varieties and prices see advertisement elsewhere in this issue. J. L. Dillon, Bloomington, Pa.

Roses, Killarney, 3-in., 4c.; Am. Beauties, 3 1/2-in., 7c. L. B. Coddington, Murray Hill, N. J.

LADY GAY or PINK BABY RAMBLER, strong, 7-in., \$5 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses on own roots, budded, bedding, H. P.'s hybrids and teas. W. & T. Smith Co., Geneva, N. Y.

DOROTHY PERKINS, 4-in., \$2 per doz.; 5-in., \$3 per doz. THE GEO. WITTBOLD CO., Edgebrook, Chicago, Ill.

Roses, Kaiserin, Rheia Red, Killarney, Bon Silene and Saffron. W. H. Elliott, Brighton, Mass.

Roses, for varieties and prices see advertisement elsewhere in this issue. A. N. Pierson, Inc., Cromwell, Conn.

Roses, Leedle Floral Co., Springfield, O.

## SEEDS.

Seeds, onion, peppers, early tomato, cauliflower, beans 97 vars.; melons, celery, egg plant, Federico C. Varela, Teneriff, Canary Islands, Spain.

Seed, onions, lettuce, sweet peas, carrot, celery, leek, mustard, parsley, parsnip, radish, salsify, C. C. Morse & Co., 48-56 Jackson St., San Francisco, Cal.

Seeds, beans, peas, sweet corn, onion, beet, turnip, Everett B. Clark, Seeley, W. H. Milford, Conn.; East Jordan Mich.; Slater Bay, Wis.

Seeds, Brown's Giant Pansy, 1/4 oz., \$1; 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$5; 3/4 lb., \$14; 1 lb., \$25; 1 lb., \$50. Peter Brown, Lancaster, Pa.

Seeds, pansies. For varieties and prices see advertisement elsewhere in this issue. Holmes Seed Co., Harrisburg, Pa.

Seeds, giant pansies and Chinese primroses. See advertisement elsewhere in this issue. Arthur J. John F. Rupp, Shiremanstown, Pa.

Seeds, Ayres' Christmas sweet peas, 1 lb., \$1.50; 1/2 lb., 50c; oz., 20c. S. B. Ayres Co., Sunnyslope, Independence, Mo.

Seeds, Vaughan's flower for summer sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, pansy. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, 342 W. 14th St., New York.

Seed, Asparagus plumosus nanus, \$1.75 per 1,000; 25,000 r d over, \$1.50 per 1,000. Drake Point Greenhouses, Yahala, Fla.

Seeds, cabbage, cauliflower, carrot, mangold, Swede and turnip. Chr. Olsen, Odense, Denmark.

Seeds, aster, best standard varieties. Elmer D. Smith & Co., Adrian, Mich.

Seeds, pansy, \$4 per oz. Jos. H. Cunningham, Delaware, O.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Luneburg, Germany.

## Contract Growers.

Seeds, Cucumbers, cantaloupe, watermelon, squash and pumpkin, sugar hint and field seed corn. The J. O. Robinson Seed Co., Waterloo, Neb.

Seeds, Cauliflower Danish Snowball. Cabbage Danish Ballhead. Dittlitz Eitzholtz & Co., Ringe, Denmark.

Seeds, beets, cabbage, carrot, celery, lettuce, onion, parsley, radish, rutabaga, turnip. Deuffe & Son, Carignan, Northern France; Chas. Johnson, Marietta, Pa., agent.

Seeds, beans, cucumbers, tomato, radish, pea, muskmelon, squash, watermelon, sweet corn. S. M. Ishell & Co., Jackson, Mich.

Seeds, sweet peas, tomatoes, Lima beans, lettuce, asters, cosmos and other flower seeds. John Rodger & Sons Co., Los Angeles, Calif.

Seeds, lettuce, onions, sweet peas, aster, cosmos, nigella, verbena. Walde Rohner, Gilroy, Calif.

Seeds, grower and exporter of vegetable, flower and farm seeds. Henry Mett, Quedlinburg, Germany.

Seeds, field, garden and flower. Rontzahn Seed Co., Arroyo Grande, Calif.

Seeds, beans. Henry Fish Seed Co., Carpinteria, Calif.

Seeds, Growers for the wholesale trade only. Braslan Seed Growers' Co., San Jose, Calif.

## SMILAX.

Large 3-in. SMILAX PLANTS. .... \$3.00 100 1,000  
GOOD STOCK.

## GEORGE REINBERG.

162 N. Wabash Ave. Chicago.

Smilax, strong from 2-in. pots, 2c. J. L. Schiller, Toledo, O.

Smilax, 300 strong 2 1/2-in., 2c. or \$5.50 for the lot. Thomas Fletcher, Warren, O.

Smilax, 300 strong 2 1/2-in., 2c. or \$5.50 for the lot. Thos. Fletcher, Wood St., Warren, O.

Smilax, 2 1/2-in., \$3 per 100; \$25 per 1,000. The Good & Reese Co., Springfield, O.

Smilax, not plants, \$10 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax. Wood Bros., Fishkill, N. Y.

## SNAPDRAGONS.

Snapdragons, white and pure pink, best seller of all snapdragons. 2 1/2-in., \$2 per 100; \$18 per 1,000; 60c at 1,000 rate. Cash. Clement S. Levis, Aidan, Del. Co., Pa.

## STEVIA.

Stevia, 2 1/2-in., \$2.50 per 100. Pochmann Bros. Co., Morton Grove, Ill.

## SPIREAS.

Spirea. J. Smits, Ltd., Naarden, Holland.

## VEGETABLE PLANTS.

Vegetable plants: Cabbage, Wakefield. All head, Succession, etc., \$1 per 1,000; 10,000 and over, 85c per 1,000. Lettuce, Grand Rapids, Big Boston, Boston Market and Tennis Ball, \$1 per 1,000; 10,000 and over, 85c per 1,000. Beets: Crosby, Egyptian and Eclipse, \$1.25 per 1,000. E. Vincent, Jr., & Sons Co., White Marsh, Md.

Vegetables: Tomato, Earliana, Stone, \$1 per 1,000. Pepper: Chinese Giant, \$1.50 per 1,000. Lettuce: Big Boston and Grand Rapids, \$1 per 1,000. Cabbage: Standard sorts, \$1 per 1,000. Celery: White Flame and Dwarf Golden Heart, \$1 per 1,000. Elmer Rawlings, Wholesale Grower, Olean, N. Y.

Cabbage plants; lettuce, all kinds, \$1 per 1,000; \$7.50 per 10,000. Tomato and Sweet Potatoes, \$1.50 per 1,000. Cauliflower, Early Snowball, peppers, \$2 per 1,000. J. C. Schmidt, Bristol, Pa.

## VERBENAS.

Verbenas, J. L. Dillon, Bloomsburg, Pa.

## BOLLERS.

Bollers. The Moninger-Furman, 200 sizes and styles. John C. Moninger Co., 902 Blackhawk St., Chicago.

Bollers. The Superior Standard. The Superior Machine & Boiler Work, 850 Superior St., Chicago.

Bollers, Metropolitan Material Co., 1304 Metropolitan Ave., Brooklyn, N. Y.

Bollers, Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Wilks' self-feeding hot water bollers. A. Wilks Mfg. Co., 3503 Shields Ave., Chicago.

Bollers, all sizes. Kroeschell Bros. Co., 403 W. Erie St., Chicago.

Bollers for greenhouses. Giblin & Co., Utica, N. Y.

Bollers. Lord & Burnham Co., Irvington, N. Y.

Boiler flues, 4-in. and other sizes. H. Munson, 506 N. State St., Chicago.

## INSECTICIDES

Fresh Tobacco stems in bales, 200 lbs., \$1.50; 500 lbs., \$3.50; 1,000 lbs., \$6.50; ton, \$12. Scharf Bros., Van Wert, Ohio.

Insecticides. Carmen's Antipest Insecticide and fungicide, \$1.50 per gal. Perfection Chem. Co., Flushing, N. Y.

Insecticides, Aphine, \$1 per quart; \$2.50 per gal. Fungine, 70c per quart; \$2 per gal. Alpine Mfg. Co., Madison, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It



The Fumigating Kind Tobacco Powder, \$3 per bag 100 lbs. The H. A. Stothoff Co., Mount Vernon, N. Y.

Nikoteen, pint bottle, \$1.50. Nikoteen Aphid Pank, \$6.50 per case of 12 paraffined boxes.

#### GLAZING POINTS.

Glazing points: See the point? Hold glass firmly. Previous glazing points are the best. No rights or lefts. Box 1,000 points, 75c. Postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Siebert's zinc glazing points, 40c per lb: 5 lbs., \$1.85; 20 lbs., \$7. Vaughan's Seed Store, Chicago and New York.

Siebert's zinc never-rust glazing points, 2 sizes,  $\frac{3}{8}$  and  $\frac{1}{2}$ , 40c per lb.; 16c extra by mail; 7 lbs., \$2.50; 15 lbs., \$5 by express. Randolph & McClements, Baum and Beatty Sts., Pittsburg, Pa.

#### GREENHOUSE CONSTRUCTION.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of every type of greenhouse, the most modern designs. Hitchings & Co., 1170 Broadway, New York.

Greenhouse construction of all kinds, and conservatories. Estimates and catalogues on request. The Foley Mfg. Co., 2041 So. Arlesian Ave., Chicago.

Greenhouse construction, semi-iron greenhouses, new truss houses, iron frame houses. Lord & Burbanck Co., 1133 Broadway, N. Y.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

#### GUTTERS

Gutters. Jennings' improved iron gutters. Diller, Caskey & Keen, 6th and Berk Sts., Philadelphia.

Gutters. Garland's. A gutter with a reputation. Geo. M. Garland Co., Des Plaines, Ill.

#### MISCELLANEOUS.

Mats, cheapest and most practical on the market. Send for circular. J. P. Watts, Kermoor, Pa.

Childs. For prices see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Model extension carnation support; galvanized rose stakes. Igoe Bros., 206 N. 9th St., Brooklyn, N. Y.

Daylite glass cleaners, for prices see advertisement elsewhere in this issue. Andersen Specialty Co., 4648 Calumet Ave., Chicago.

Pillsbury's carnation Staples, 50c per 1,000, postpaid. I. L. Pillsbury, Galesburg, Ill.

The Richmond Carnation Support. Eagle Machine Works, Richmond, Ind.

Pipes and flues and greenhouse fittings. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Coal, Smokeless Black Gem Block, Illinois, Indiana, Hocking Lump and Pocahontas. Black Gem Coal and Coke Co., Old Colony Bldg., Chicago.

Superior Carnation Staple, 1,000 for 50c. F. W. Waite, 232 Main St., Springfield, Mass.

Florists' Supplies of all kinds. J. Jausky, 19 Province St., Boston.

The Kleinschmidt Soil Grinder. F. Kleinschmidt, 21 Builders Exchange, Buffalo, N. Y.

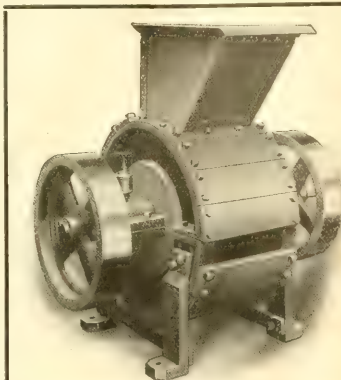
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Froment, Horace E., 67 W. 28th St., New York.

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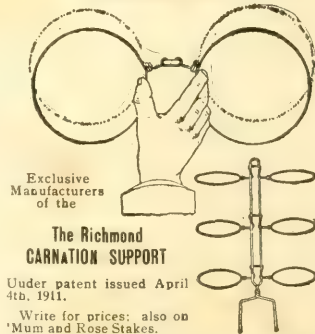
Holton & Hunkel Co., 462 Milwaukee St., Milwaukee.

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# The Truth About Boilers

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THE first three frank talks were about the Square Sectional Boilers; this one is about the round boilers for both steam and water.

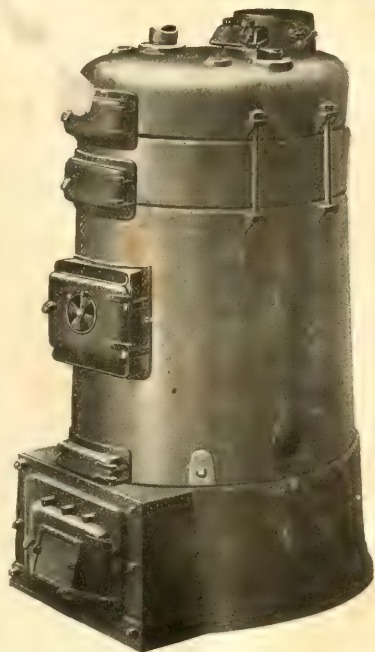
The old cylinder stove was the first type of coal stove used for house heating; so it was only natural that the first steam and water boilers should be similar in shape.

The problem with round boilers has always been to get sufficient depth to the fire pot and enough direct and indirect heating surfaces without making a boiler abnormally high—which in turn meant a serious increase in their cost to you. Many round boilers, although comparatively low, are great coal heaters, because the burning gases go practically direct from the fire pot to the chimney flue, which of course means a good half of your money is going up chimney instead of into your coils.

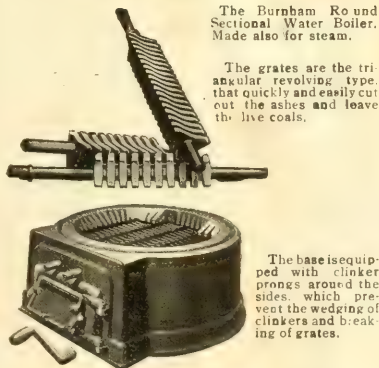
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## The Best Color Chart

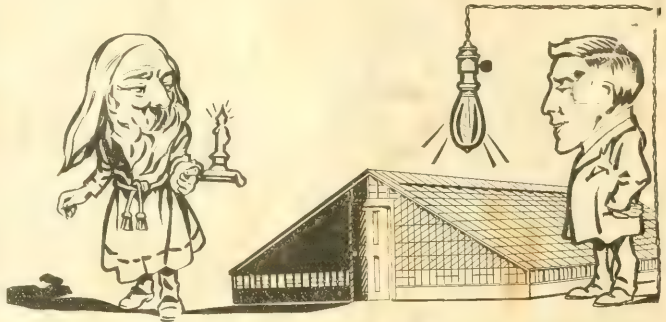
For Florists, Seedsmen  
and Nurserymen.

ERFURT, GERMANY, May 9, 1911.  
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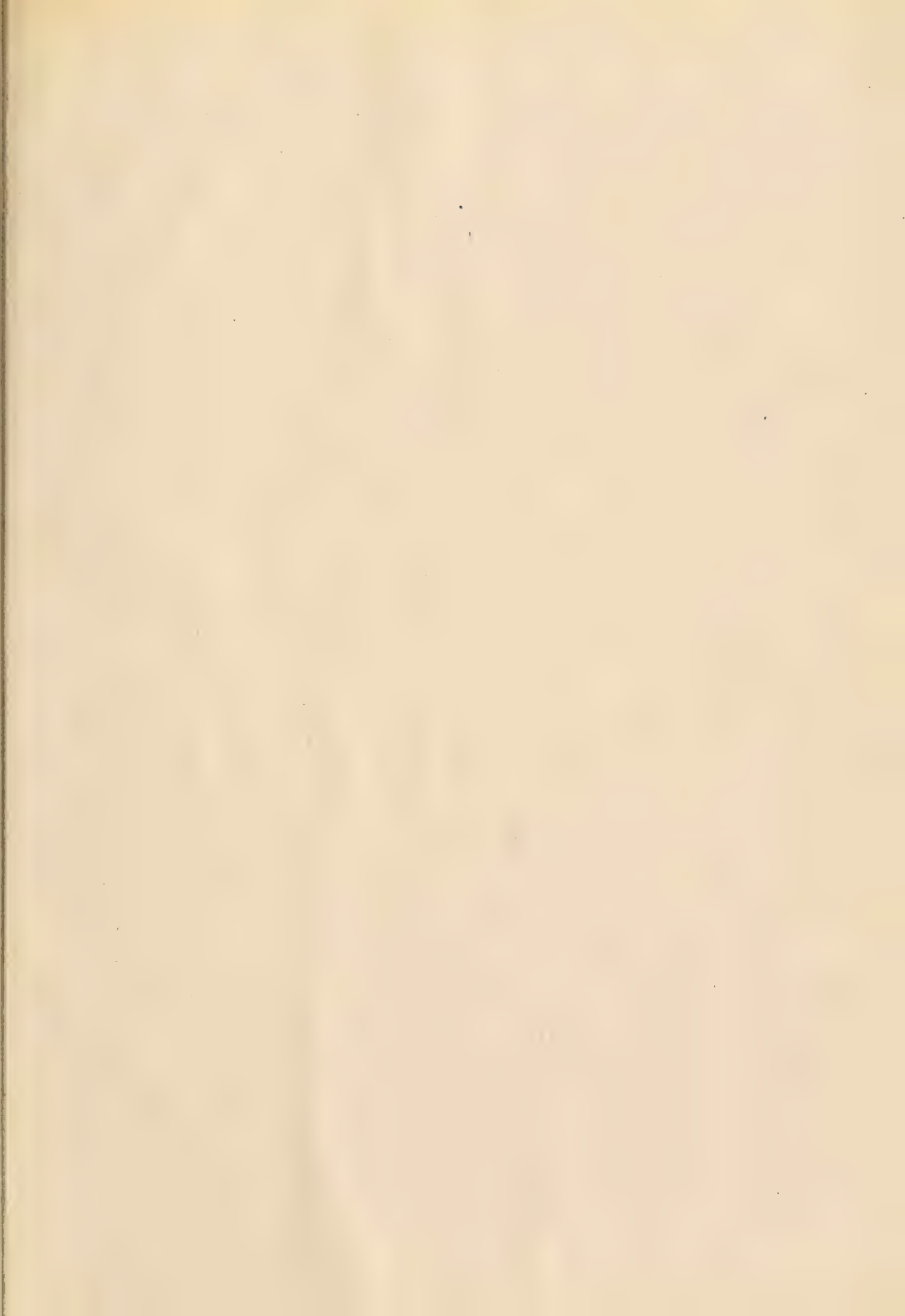
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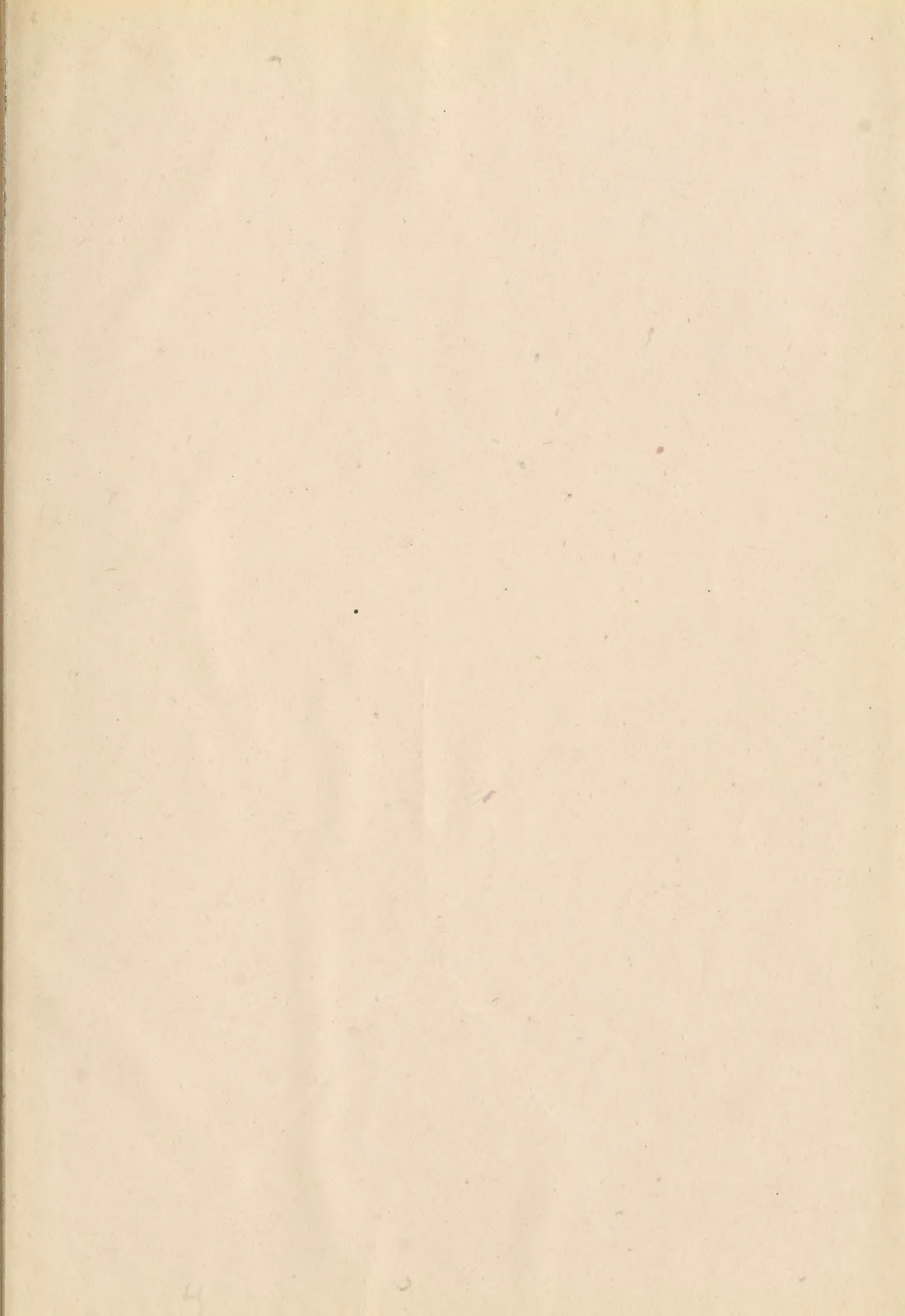
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